GIBBONS

JOHN H. KLOCK
Director

Gibbons P.C.
One Gateway Center
Newark, New Jersey 07102-5310
Direct: (973) 596-4757 Fax: (973) 639-6270
jklock@gibbonslaw.com

June 5, 2019

VIA HAND DELIVERY

Ms. Andrea Leshak, Esq. Assistant Regional Counsel
U.S. EPA, Region 2
290 Broadway - 17th Floor
New York, NY 10007-1866

Re: U.S. Environmental Protection Agency CERCLA 104(e)
Request for Proteco Site in Penuelas, Puerto Rico

Dear Ms. Leshak:

First, I wish to thank you for extending the time to respond to CERCLA 104(e) request.

Second, Roche Products, Inc. has not been an operating company since it sold facility in March 1995. While the company continues to exist for filing purposes and other administrative activities, it does not and has not operated in Puerto Rico or elsewhere for nearly 25 years. The company does have a President, Miguel Centeno Santiago, who does not possess personal knowledge of the operations Roche Products Inc.'s facility in Manati. He has caused to be assembled some 49 banker boxes of material related to those operations. Those documents have been inspected and culled to provide responses to the 104(e) Request. The documents that form the basis of the response are contained on the enclosed disc. Roche Products, Inc., will continue to research other possible avenues of documentation and promptly report any additions or corrections. It is worth noting that to date no document in those banker boxes relate to any shipment to Proteco.

Please do not hesitate to contact me with any questions.

Very truly yours,

John H. Klock
Director

JHK/ia
Enclosures

cc: Julia Miller, Esq. (via e-mail)

573679

ROCHE PRODUCTS, INC. (the "Company")
RESPONSE TO THE REQUEST FOR INFORMATION
PROTECO IN PEÑUELAS, PUERTO RICO

The following are the responses of the Company to the questions posed on Attachment B to the USEPA letter of March 2019. The Company has used its reasonable efforts to collect the information requested. The Company will amend or supplement this response in the event that it becomes aware of additional relevant information, or if information and/or facts should change in accordance with paragraph 7 of the Information Request.

1. (a) The Company's correct legal name is Roche Products, Inc. Its current mailing address is:

   Roche Products, Inc.
   2875 Ponce By-Pass
   P.O. Box 7085
   Ponce, Puerto Rico 00732

   (b) The Company's President and General Manager is Miguel Centeno. Mr. Centeno is also the Director of the Company.

   (c) The Company was incorporated in Panama.

   (d) Roche Products, Inc. is currently a wholly-owned subsidiary of Roche Services Holdings Ltd (Bermuda). Roche Services Holdings Ltd is a wholly-owned subsidiary of Roche Finance Ltd (Switzerland). Roche Finance Ltd is a wholly-owned subsidiary of Roche Holding Ltd (Switzerland).

2. Roche Products, Inc. was incorporated in Panama on June 12, 1974. Roche Products, Inc., a Panama corporation, acquired the Facility from Roche Products, Inc., a Delaware corporation on December 31, 1982. Roche Products, Inc., a Delaware corporation, was dissolved on July 18, 1986.

   (a) The Company continues to exist.

   (b) The registered agent is Miguel Centeno, P.O. Box 7085, Ponce, Puerto Rico 00732.

   (c) None.

3. The changes in ownership are discussed in Request Number 1(d) and Request Number 2.

4. Not applicable. See Response to Request Number 3.

5. The Company no longer operates a manufacturing facility in Puerto Rico. As such there is no certificate to operate any manufacturing facility in Puerto Rico.

6. The Company and its predecessor owned the Facility from 1976 until March 9, 1995.

7. The Company has not operated at a facility other than the Facility.

8. The Facility was used for chemical and pharmaceutical manufacturing.

   (a) Operations by the Company at the Facility began in 1978 and ended on March 9, 1995 when the Facility was sold to Marion Merrell Dow Internacional Servicios De Gestao Lda, a Portugal corporation, which is affiliated with Marion Merrell Dow Inc.

   (b) The Facility was used for chemical and pharmaceutical manufacturing which included, among other things, the production of Dalmane, Librium, Librax, Valium, Limbitrol, Klonopin, VERSED and Endep. It also was RCRA Facility - See RCRA Assessment Facility Report attached hereto labeled as 1980-1988. In general, the work included, among other things, chemical and pharmaceutical manufacturing, a tank farm, a drum storage area, and treatment facilities.

9. The Site means the Proteco Site. The Company has no knowledge as how the 80 drums listed on the "Informe de Desperdicios" of Servicios Carbarcon Inc. came to be at the Site.

10. The Company has searched extant files and has attached relevant documents herewith. The documents list hazardous substances managed on its site. The Company will continue its search for documents and submit a supplemental response to USEPA with any additional information that may be found. See attached documents which are segregated by year. In particular, see, e.g. RCRA Assessment for years 1980 to 1988.

11. See attached documents for materials for waste streams. As set forth above, for some years, waste treatment was on site as the site was a RCRA TSD facility. For offsite treatment or disposal, waste streams were identified in purchase orders to haulers mostly for materials to be incinerated or otherwise be disposed of outside the Facility to licensed disposal sites. The various reports to EPA by year show that disposal was to licensed facilities.

    In 1984, Roche Products, Inc. hired Centeno Trucking to take wastes to Alabama. See 1984 documents. After on site treatment ended in 1987, wastes went to other sites such as those named in documents from 1988 to 1996. These documents identify Barceloneta Landfill, Arecibo, Safety Kleen in Florida and Puerto Rico,

Rollins in Baton Rouge and AETC in New Jersey and Murati in Puerto Rico as disposal sites.

12. There was an area for hazardous and toxic drum waste storage and treatment on site at the Facility. During the years of 1985 – 1987, Roche handled waste treatment on site. See documents for 1985 - 1987. According to the documents, all wastes at the Facility were treated or incinerated. After 1987, these materials were disposed offsite - See, e.g., Purchase Order with B.F.I. dated January 1, 1989. These materials went to Arecibo LCPC in Arecibo, P.R. Safety Kleen Inc. also hauled waste materials to Highway #2 KM and Florida for incineration or disposal; solid wastes were hauled by Rollins, Inc. to Baton Rouge, LA as well as their Puerto Rico facility. In 1993, lab packs were sent to New Jersey by AETC for disposal. See attached documents.

13. The individuals at the Company from 1980 until 1996 included Carlos Rodriguez, Adelina Molina, Lawrence Marcus, Eliezer Otero, Delmer Davila, Teresa Perez, Evelyn Verdigo, Ernesto Muniz, Jose Serrano, E. Hernandez, M. Rodriguez, M. Montalvo, F. Santiago, Edward Brown, Jose Garcia, Lewis Leniak, Juan Corchado, Edward MacMullen, Iria Kinlan.

    (a) The foregoing persons and their positions are listed on the documents by year.

    (b) In general, the nature of their knowledge is based on the document they signed.

14. (a) The attached documents indicate that certain solid waste was sent to Barceloneta waste facility in 1976 and at other times, to Arecibo Landfill, Safety Kleen's facility in Puerto Rico and Florida; Review indicates that wastes were shipped by Rollins to Baton Rouge and at their Puerto Rico facility. See attached documents. Certain sludge was taken by B.F.I. from 1978 and later pursuant to a waste disposal agreement with B.F.I., see attached documents. As to Murati, a subcontractor removed certain waste oil from the Facility and took it to the Murati site.

    (b) See attached documents.

15. The summaries of all documents which have been located to date related to the locations, hazardous materials and haulers the summaries of such are attached hereto by year from 1978 through 1996. The manifests for years that wastes were removed from the facility are preserved and voluminous, but captured in the annual reports to EPA. A review of the documents has not revealed any manifest or agreement to take materials to Proteco, i.e. the Site. The Facility was remediated from 1995 to 2000 under the aegis of the EPA. Also attached is the completion of the RCRA cleanup of the Facility in December 2000.

16. The Company has not been able to locate or identify any additional information concerning disposal at the Site by the Company.

17. (a) to (g), see attached documents that the Company has been able to locate related to chemicals including hazardous substances.

18. The Company has been unable to identify any records or information indicating any relationship to the Site or operations of the Site.

19. See response to Request Number 13 above.

20. See attached documents.

21. The Company completed its cleanup operations at the Facility by undertaking RCRA cleanup of the Facility from 1994 to December 2000. No waste disposal agreements, manifest or reports to EPA are believed to have been destroyed. The Company will continue to search its files and will supplement the responses hereto to the extent that any other documents are located which relate to the issues herein.

22. The Company ceased Facility operations in 1995. It has not been dissolved but does not have financial statements of the kind set forth in Request 22. There are no audited financial statements for the Company. However, the Company does have a listing of assets, which are attached hereto, marked confidential as confidential business records for the four years available as this year's is not yet available. These documents are provided in a separate envelop attached hereto.

23. The Company does not presently believe there is any applicable insurance or indemnity agreements related to the Facility.

24. Presently, no claims have been made.

25. Presently, the Company has no knowledge as to any individual other than those listed above. However, the Company reserves the right to identify others whose names may appear in other documentation.

26. Miguel Centeno, Ricardo Cintron, Eileen Valls were consulted for searching for files. Mr. Centeno became President and General Manager of the Company, as well as Director, after the Facility ceased operations and thus has no personal knowledge of the information provided in this response. Mr. Cintron and Ms. Valls are not associated to the Company nor have personal knowledge of the information provided in this response, other than searching for documentation responsive to the Information Request. Documents were gathered and reviewed.

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

Commonwealth of Puerto Rico

County/Municipality of Ponce

I am authorized to sign this certification on behalf of Roche Products Inc .I certify under penalty of law that I have personally examined with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true and accurate, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that I am under a continuing obligation to supplement my response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or my response thereto should become known or available to me.

NAME (Miguel Centeno Santiago)

TITLE (President, Roche Products Inc.)

SIGNATURE

Affidavit No. 7726

Sworn to before me by Miguel Centeno Santiago (Surname: 2nd last name), of legal age, married, President and resident of Ponce municipality, Puerto Rico, whom I identified by his driver's license no. 989659.

At Ponce, Puerto Rico, this 3rd day of June 2019.

HUMBERTO GUADALUPE TORRES
ABOGADO - NOTARIO
PUERTO RICO

Notary Public

Sello

RECIBO

Internal

INTER-OFFICE COMMUNICATION

DANIEL CONSTRUCTION COMPANY INTERNATIONAL

ROCHE PRODUCTS, INC.
CARR. VIEJA VEGA BAJA A MANATI
BUZON NO. 20
MANATI, PUERTO RICO 00701

File

DATE: December 7, 1976

TO: Carlton Lowe

FROM: Harry Chabram

SUBJECT: ACCEPTANCE OF ROCHE SOLID WASTE AT BARCELONETA WASTE FIELD

Enclosed please find above mentioned endorsement.

HARRY CHABRAM

HC/cmr
Enc.
cc: B. Bennett
W. Fleming
O. Lindy
L. Belaval
J. Laracuente
H. Samalot

RWB
Received
12/8/76

RECEIVED
R.W. BENNETT
CIRCULATED COPIED
DEC 14 1976
RJM
HDM
YB
PJC

APARTADO 277

ESTADO LIBRE ASOCIADO DE PUERTO RICO
GOBIERNO MUNICIPAL
OFICINA DEL ALCALDE
BARCELONETA, PUERTO RICO 00617

TEL. 846-3400

22 de julio de 1976

Sr. Hernán Orta Cruz
Inspector Saneamiento
Unidad Salud Pública
Manatí, Puerto Rico

Estimado señor Orta:

Tengo el placer de informarle que este Municipio cuenta con un vertedero debidamente aprobado por la Junta de Calidad Ambiental y que tiene capacidad para recibir los desperdicios sólidos de la industria Roche Farmaceutical, Inc. en Manatí.

Recientemente adquirimos 56 cuerdas de terreno adicionales, por lo que la capacidad del mismo es enorme.

Espero no se cuestione a dicha industria para usar nuestro vertedero.

Cordialmente,

Vicente Acevedo Ballester
Alcalde

mrm

BFI Waste Systems
BROWNING-FERRIS INDUSTRIES
OF PUERTO RICO INC

11 de Junio de 1981

ROCHE PRODUCTS
P.O. Box 452
Manati, P.R. 00701

Atención: Ingeniero Panzardí
Gerente Ingenieria Ambiental

Re: Transportación de Cienos

Señores:

Para nosotros poder complimentar la información requerida por la Junta de Calidad Ambiental para el permiso de transportación de los cienos de sus facilidades en Manatí al vertedero de Arecibo, necesitaremos la siguiente información:

A) Analisis requeridos por E.P.A. para determinar la naturaleza de los cienos.

B) Plan detallado de la operación del recogido del cieno.

C) Volumen mensual y frequencia estimada en un periodo de 12 meses.

D) Carta de la Junta de Calidad Ambiental (JCA) autorizando dicha operación:

E) Número asignado por la JCA para dicha operación.

Nosotros entendemos que la información que van a someternos es de índole confidencial y solo será utilizada para la solicitud de los permisos requeridos.

Atentamente,

BROWNING-FERRIS INDUSTRIES
OF PUERTO RICO, INC.

Daniel Rivera
Gerente de Distrito

DR/lr

RECEIVED
P. J. Panzardi
CIRCU. T
JUN 15 1981
PJP
FILE

ROCHE PRODUCTS INC.

CARRETERA ESTATAL 8670 KM 27
MANATÍ • PUERTO RICO • 00701

APARTADO 452
MANATÍ • PUERTO RICO • 00701

16 de junio de 1981

Browning & Ferris Industries F
of Puerto Rico

ATTN: Sr. Daniel Rivera
Gerente de Distrito

Estimado señor Rivera:

RE: Transportación de Cienos

Le estoy enviando el análisis de cieno que usted nos pide en su carta del 11 de junio. Notará que este análisis es de 1978 puesto que no hemos recibido resultado de análisis sometido recientemente. No debe haber ningún cambio significativo en la composición del cieno, ya que no ha habido cambios en la operación.

El cieno consiste en sólidos sedimentados de un clarificador primario y del digestor. Los cienos serán filtrados y recogidos en una caja abierta de veinte (20) yardas cúbicas suplida por ustedes. Tan pronto se lleve la caja se les notificará y ustedes pasarán a recogerla.

El volumen mensual aproximado es de cuarenta (40) yardas cúbicas. No esperamos cambios en volumen mensual en los próximos doce meses.

Cualquier duda que tenga con la información sometida, puede llamarme al 854-3020, extención 295.

Cordialmente,

Tomás Alvarado Pérez
Ingeniero Ambiental

TAP/spa

ESTADO LIBRE ASOCIADO DE PUERTO RICO / OFICINA DEL GOBERNADOR

Junta de Calidad Ambiental

14 de marzo de 1978

Ing. Pedro Panzardi
Roche Products, Inc.
Carr. Estatal #679 Km. 2.7
Apartado 452
Manatí, Puerto Rico 00701

Estimado Ing. Panzardi:

Por este medio autorizamos a la industria Roche Products, Inc. a disponer de el cieno seco proveniente de la planta de tratamiento de aguas de proceso, en el Vertedero de Arecibo.

Esta autorización está condicionada a que la disposición de este desperdicio no interfiera con el funcionamiento normal de las operaciones en el vertedero.

Agradecemos su esfuerzo en conservar nuestro ambiente.

Cordialmente,

Jaime L. Ortiz Otero
Sub-director
Desperdicios Sólidos y Ruidos

DS/BA/sec

cc: Sr. Jorge A. Viera - Arecibo

...HE PRODUCTS INC.
...OC 66

ENVIRONMENTAL CONTROL LABORATORY
CERTIFICATE OF ANALYSIS

NO. ——

CERTIFICATE OF ANALYSIS 1 OF 1

NAME OR TEST NO.

Digested Sludge (2/14/78)

☒ FOR DETERMINATION OF ☐ SAMPLE	RESULTS
1. TSS	13,900 mg/l
2. VSS	6,168 mg/l
3. pH	8.22
4. (Zn) Zinc	1,927.1 mg/l
5. Copper	2.09 mg/l
6. Iron	56.58 mg/l
7. Lead	1.18 mg/l
8. Magnesium	146.34 mg/l
9. Calcium	606.10 mg/l
10. Mercury	0.08 mg/l
11. Phosphorus	16.75 mg/l
12. Arsenic	none detected

Analysis was performed in 1978 and released. This is a new copy.

BOOK	PAGE	ANALYST	DATE	CHECKED BY	DATE
—	54	A. Morales	2/22/80	[illegible]	5/22/81

ETC ENVIRONMENTAL TESTING and CERTIFICATION

Technical Report

for

FERNANDO L. RODRIGUEZ ASSOC.

P.O. BOX 3430

HATO REY, PR 00919

Chain of Custody Data Required for ETC Data Management Summary Reports

ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
BC5768	FERNANDO L. RODRIGUEZ ASSOC.	FRARDPR	WW1	871116	0930	

Swep T. Davis

President

This Technical Report is an INSITE℠ service generated by LODESTAR℠ Data Management Software.

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ENVIRONMENTAL LEARNING CENTER

Seal No. ____ Lot Code # ____

CHAIN OF CUSTODY FORM (CC1)

Date Sealed 11/12/87 By: SC.

Company: Fernando Rodriguez Associates Attn.: Axel Medina

Facility/Site: Miramar Plaza, Ste. 204, Ponce de Leon Ave. #954 Phone: (809) 722-4665

Address: Santurce, PR 00908

SAMPLE IDENTIFICATION

Facility: FRAROPR (Facility Site Code) (Optional Sample Point Descriptions)

Sample Point: W-[illegible] (Source Code from below) (Your Sample Point ID left justify) 87 11 13 (Start Date YY MM DD) 730 (Start Time 2400 hr clock) — (Elapsed Hours composite)

Source Codes

Well	(W)	Outfall	(O)	Bottom Sediment	(B)	Surface Impoundment	(I)	Leachate Collection Sys	(C)	Other	
Soil	(S)	River/Stream	(R)	Generation Point	(G)	Treatment Facility	(T)	Lake/Ocean	(L)	Specify	

SHUTTLE CONTENTS

BOTTLE				ANALYSIS	SAMPLER		LAB
No	Type	Size	Preserv.		FILL (Y/N)	Observations	Observations
2		40 ML	BAKED	VOA	N		V

CHAIN OF CUSTODY CHRONICLE

1. Shuttle Opened By: (print) Jose Cantero Date: Nov. 13/87 Time: [illegible]
   Signature: [illegible] Seal #: 0017870 Intact: [illegible]

2. I have received these materials in good condition from the above person.
   Name: Signature:
   Date: Time: Remarks:

3. I have received these materials in good condition from the above person.
   Name: Signature:
   Date: Time: Remarks:

4. Shuttle Sealed By: (print) Jose Cantero Date: Nov. [illegible] Time
   Signature: Seal #: [illegible] Intact:

LAB USE ONLY Opened By [illegible] Date: 11-12-87 Time: 2:5[illegible] PM

perator ID: RL9134 Quant Rev: 6 Quant Time: 871128 02:20
utput File: ^J7748::AQ Injected at: 871127 21:42
ata File: >J7748::U8 Dilution Factor: 1.00000
ame: PP/VOA 11/27/87 J
isc: QC8151V,QV8151,L,5,,

D File: JVOA::US
itle: Volatile Priority Pollutant ID FILE
ast Calibration: 871128 02:18

	Compound		R.T.	Scan#	Area	Conc	Units	q
1)	*Bromochloromethane		8.17	179	75822	250.00	NG	9
5)	Dichlorodifluoromethane		1.28	5	106	~~.25~~	~~NG~~	10
16)	*1,4-Difluorobenzene		20.52	491	271190	250.00	NG	8
17)	1,2-Dichloroethane-D4	(SURR)	12.09	278	66036	253.65	NG	9
18)	1,1,1-Trichloroethane		13.63	317	1173	~~1.76~~	~~NG~~	9
30)	*Chlorobenzene-d5		25.59	619	221920	250.00	NG	8
34)	Toluene-D8	(SURR)	24.33	587	359102	246.00	NG	9
35)	Toluene		24.44	590	5180	~~3.23~~	~~NG~~	9
38)	p-Bromofluorobenzene	(SURR)	29.96	729	148676	249.22	NG	9

* Compound is ISTD

LW 12/11/87

14

Appendix C1
GC/MS Subsidiary Data

perator ID: PL9134 Quant Rev: 6 Quant Time: 871128 03:5~
utput File: ^J7753::AC Injected at: 871128 03:20
ata File: >J7753::U8 Dilution Factor: 1.00000
ame: PP/VOA 11/28/87 J
isc: BC5768U ,DV8151,L,5,,

D File: JVOA::U5
itle: Volatile Priority Pollutant ID FILE
ast Calibration: 871128 02:18

	Compound		R.T.	Scan#	Area	Conc	Units	q
1)	*Bromochloromethane		9.69	217	68822	250.00	NG	9
7)	Methylene chloride		5.93	122	7418	27.78	NG	9
10)	Trichlorofluoromethane		8.31	182	5137	8.52	NG	8
14)	Chloroform		12.03	276	1907	~~2.39~~	~~NG~~	8
16)	*1,4-Difluorobenzene		20.55	491	239220	250.00	NG	8
17)	1,2-Dichloroethane-D4	(SUPR)	12.67	292	62218	270.93	NG	9
30)	*Chlorobenzene-d5		25.58	618	191578	250.00	NG	8
34)	Toluene-D8	(SUPR)	24.31	586	324753	257.70	NG	9
35)	Toluene		24.51	591	4727	~~3.41~~	~~NG~~	9
38)	p-Bromofluorobenzene	(SURR)	29.93	727	133405	259.03	NG	9

* Compound is ISTD

12/1/87

Appendix A

Mass Spectral Data for Quantitated Compounds

1) A total ion chromatogram for each sample analyzed by a GC/MS instrument.

2) A Quant. report used by the analyst to determine qualitative and quantitative results of the compounds present.

3) A mass spectrum and a reference spectrum for each priority pollutant compound detected in the sample.

S Data File: >J7763::U8

ame: PP/VOA 11/28/87 J Operator: RH8384 Date/Time: 11/28/87 11:22
isc: P-BFB

This performance tune applies to the following samples, blanks and standards:

Sample ID	Lab ID	Date of Analysis	Time of Analysis
STD QC8151VS	>J7764	11/28/87	11:53
BC5747V	>J7765		12:38
BC1820V	>J7766		13:22
BC0874V	>J7767		14:42
BC1819V	>J7768		15:27
BC0772V	>J7769		16:12
BC0773V	>J7770		16:58
BB9816V	>J7771		17:42
BC2022V	>J7772		18:27
~~BC8941V~~	~~>J7773~~		~~19:13~~ LAA
BB8947V	>J7774		20:03
BB8945V	>J7775		20:48

LAA

S Data File: >J7752::U8

ame: PP/VOA 11/28/87 J Operator: RL9134 Date/Time: 11/28/87 2:18
isc: P-BFB

This performance tune applies to the following samples, blanks and standards:

Sample ID	Lab ID	Date of Analysis	Time of Analysis
BC5768V	>J7753	11/28/87	03:20
BC5768BS	>J7754		04:05
BC5768VR	>J7755		04:52
BC5769V	>J7756		05:36
BC5770V	>J7757		06:19
BC5771V	>J7758		07:06
BC5765V	>J7759		07:49
BC5766V	>J7760		08:34
BC5767V	>J7761		09:19

IS Data File: >J7747::U8

Name: PP/VOA 11/27/87 J Operator: RL9134 Date/Time: 11/27/87 21:06
Misc: P-BFB

This performance tune applies to the following samples, blanks and standards:

Sample ID	Lab ID	Date of Analysis	Time of Analysis
BFB151V	>J7748	11/27/87	21:42
STDBFB151VS	>J7749	↓	22:54
BFB151VS	>J7750		23:40
BFB151VS	>J7751	11/28/87	00:26

DEC 1 198?

TABLE 2: METHOD PERFORMANCE DATA
Surrogate Recovery - Aqueous Matrices (QR20)

Chain of Custody Data Required for ETC Data Management Summary Reports

BC5768 FERNANDO L. RODRIGUEZ ASSOC. FRAROPR 0

ETC Sample No. | Company | Facility | Sample Point | Date | Time | Elapsed Hours

Compound	Amount added ug	% Recovery	Control Limits, Lower	Control Limits, Upper
VOLATILE FRACTION (GC/MS)				
Toluene-D8	.250	103	88	110
p-Bromofluorobenzene	.250	104	86	115
1,2-Dichloroethane-D4	.250	108	76	114
ACID FRACTION (GC/MS)				
Phenol-D5	-	-	10	94
2-Fluorophenol	-	-	21	100
2,4,6-Tribromophenol	-	-	10	123
BASE/NEUTRAL FRACTION (GC/MS)				
Nitrobenzene-D5	-	-	35	114
2-Fluorobiphenyl	-	-	43	116
Terphenyl-D14	-	-	33	141
PESTICIDE/PCB FRACTION (GC)				
Dibutylchlorendate	-	-	24**	154**

* IFB EPA Control Limits
** Advisory Limits Only

ETC ENVIRONMENTAL TESTING and CERTIFICATION

DEC 7, 1987

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Volatile Compounds - GC/MS Analysis Data (QR01)

Chain of Custody Data Required for ETC Data Management Summary Reports

ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
BC5768	FERNANDO L. RODRIGUEZ ASSOC.	FRAROPR	WW1	871116	0930	

NPDES Number	Compound (Acrolein and Acrylonitrile values are valid only)	Results		QC Replicate		QC Blank and Spiked Blank			QC Matrix Spike		
		Sample Concen. ug/l	MDL ug/l	First ug/l	Second ug/l	Blank Data ug/l	Concen. Added ug/l	% Recov	Unspiked Sample ug/l	Concen. Added ug/l	% Recov
1V	Acrolein	ND	100	ND	ND	ND	800	98	ND	800	93
2V	Acrylonitrile	ND	100	ND	ND	ND	80.0	100	ND	80.0	109
3V	Benzene	ND	4.4	ND	ND	ND	18.0	104	ND	18.0	105
4V	bis(Chloromethyl)ether	ND	10	ND	ND	ND	0	-	ND	0	-
5V	Bromoform	ND	4.7	ND	ND	ND	18.0	90	ND	18.0	94
6V	Carbon tetrachloride	ND	2.8	ND	ND	ND	18.0	104	ND	18.0	103
7V	Chlorobenzene	ND	6.0	ND	ND	ND	18.0	104	ND	18.0	107
8V	Chlorodibromomethane	ND	3.1	ND	ND	ND	18.0	95	ND	18.0	100
9V	Chloroethane	ND	10	ND	ND	ND	18.0	108	ND	18.0	110
10V	2-Chloroethylvinyl ether	ND	10	ND	ND	ND	18.0	0a	ND	18.0	0a
11V	Chloroform	ND	1.6	ND	ND	ND	18.0	104	ND	18.0	106
12V	Dichlorobromomethane	ND	2.2	ND	ND	ND	18.0	99	ND	18.0	103
13V	Dichlorodifluoromethane	ND	10	ND	ND	ND	18.0	113	ND	18.0	104
14V	1,1-Dichloroethane	ND	4.7	ND	ND	ND	18.0	102	ND	18.0	106
15V	1,2-Dichloroethane	ND	2.8	ND	ND	ND	18.0	103	ND	18.0	104
16V	1,1-Dichloroethylene	ND	2.8	ND	ND	ND	18.0	107	ND	18.0	107
17V	1,2-Dichloropropane	ND	6.0	ND	ND	ND	18.0	101	ND	18.0	105
18V	cis-1,3-Dichloropropylene	ND	5.0	ND	ND	ND	18.0	95	ND	18.0	101
19V	Ethylbenzene	ND	7.2	ND	ND	ND	18.0	102	ND	18.0	107
20V	Methyl bromide	ND	10	ND	ND	ND	18.0	110	ND	18.0	116
21V	Methyl chloride	ND	10	ND	ND	ND	18.0	109	ND	18.0	102
22V	Methylene chloride	5.56	2.8	2.98	5.86	ND	18.0	110	5.56	18.0	94
23V	1,1,2,2-Tetrachloroethane	ND	6.9	ND	ND	ND	18.0	116	ND	18.0	160a
24V	Tetrachloroethylene	ND	4.1	ND	ND	ND	18.0	104	ND	18.0	106
25V	Toluene	ND	6.0	ND	ND	ND	18.0	112	ND	18.0	105
26V	1,2-Trans-dichloroethylene	ND	1.6	ND	ND	ND	18.0	102	ND	18.0	105
27V	1,1,1-Trichloroethane	ND	3.8	ND	ND	ND	18.0	106	ND	18.0	102
28V	1,1,2-Trichloroethane	ND	5.0	ND	ND	ND	18.0	99	ND	18.0	103
29V	Trichloroethylene	ND	1.9	ND	ND	ND	18.0	101	ND	18.0	88
30V	Trichloroflubromethane	BMDL	10	ND	ND	ND	18.0	112	1.70	18.0	107
31V	Vinyl chloride	ND	10	ND	ND	ND	18.0	109	ND	18.0	109
18V	trans-1,3-Dichloropropylene	ND	10	ND	ND	ND	18.0	98	ND	18.0	104

ETC ENVIRONMENTAL TESTING and CERTIFICATION

LABORATORY CHRONICLE: GC-MS Department

DATE 11/27/87 SHIFT
FRACTION VOA
INSTRUMENT J
TUNE FILE APE 202
SEQUENCE FILE AJ J, JBJ
METHOD FILE VOA J
ID FILE J VOA
ANALYST(S) A. J. Nelles

SUPERVISOR [illegible]
BATCH #'s QV8151

(PLEASE INITIAL)

CURRENT CS05 STATUS		STANDARDS UPDATED	
ACQ		DATE	11-28-87
WIP		BY	Joe B.

STANDARD	CONC PPM	LOT NO.	LOT VOL (µL)
p-BFB	50	17247	1
Int Stds	25	17607	10
Surr Stds	25	17290	10
ABC/X VOA	18	17770A	5, 10, 30
updated for XVOA17			
u 7,8			

TAPE# H00297

NAME	DATA FILE	uL INJ	ALS #	DIL	INJECTED TIME	SPECIALS (WRITE A-TYPE)	PLUS Y/N
p-BFB	J7740	1 µL	—		09:31	OK	
QC8151V	J7745	5 mL	1			NG	
QC8151V	J7746	↓	1			NG	
p-BFB	J7747	1 ml	—		21:06	OK	
QC8151V	J7748	5 ml	1		21:42	OK	
QC8151VS	J7749		2		22:54	5 ml ABC/XVOA	
QC 8151VS	J7750		3	CBUFD CBCAL	23:40	10 ml	
QC 8151VS	J7751	↓	4		0:24	30 ml ↓	
p-BFB	J7752	1 ml	—		2:18	OK	
BC5768V	J7753	5 ml	1		3:20	OK	
BC 5768VS	J7754		2		4:05	OK 5 ml ABC/XVOA	
BC 5769VR	J7755		3		4:50	OK	
BC 5769V	J7756		4		5:34	OK	
BC 5770V	J7757		5		6:19	OK	
BC 5771V	J7758		6		7:04	OK	
BC 5765V	J7759		7		7:49	OK	
BC 5766V	J7760		8		8:34	OK	
BC 5767V	J7761	↓	9		9:19	OK	
BC 5747V	J7762	.05 ml	10	1:100	10:04	NG too dilute Run S	
p BFB	J7763	1 ml	—		11:22	OK	
QC8151VS	J7764	5 ml	1		11:53	10 ml ABC/XVOA	
(R) BC5747V	J7765		2		12:38	OK	
BC1820V	J7766	↓	3		13:22	OK	

ETC ENVIRONMENTAL TESTING and CERTIFICATION

LABORATORY CHRONICLE: GC-MS Department

DATE 11/28 SHIFT
FRACTION VOA
INSTRUMENT J
TUNE FILE APEI02
SEQUENCE FILE [redacted] RHJ LOT
METHOD FILE VOAJ
ID FILE JVOA
ANALYST(S) Robin Hamann

SUPERVISOR [illegible]
BATCH #'s QV8151

(PLEASE INITIAL)

CURRENT CS05 STATUS		STANDARDS UPDATED	
ACQ		DATE	11.28.87
WIP		BY	R.H.

STANDARD	CONC PPM	LOT NO.	LOT VOL.
See Pg 1			

TAPE#

NAME	DATA FILE	uL INJ	ALS #	DIL	INJECTED TIME	SPECIALS (WRITE A-TYPE)	PLUS Y/N
BC1819V	J7768	5mL	5		15:27	OK	
BC0772V	J7769		6		16:12	OK	
BC0773V	J7770		7		16:58	ok	
BB9816V	J7771		8		17:42	ok	
BC2022V	J7772		9		18:27	ok	
BB8941V	J7773	0.5	10	1:10	19:13	~~OK~~ NG Low Surrogates	
(R) BB8947V	>J7774	0.5	1	1:10	20:03	ok	
(R) BB8945V	>J7795	0.05	2	1:100	20:48	ok	
(R) BC2020V	>J7776	0.05	3	1:100	21:33	ok for QV8148	
QC 8151V	J7777	5mL	3			ok position check for Benzene	

ETC ENVIRONMENTAL TESTING and CERTIFICATION

Technical Report

for

FERNANDO L. RODRIGUEZ ASSOC.

P.O. BOX 3430

HATO REY, PR 00919

Chain of Custody Data Required for ETC Data Management Summary Reports

ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
BC5766	FERNANDO L. RODRIGUEZ ASSOC.	FRARDPR	WBASIN 4	871116	0930	

LEWIS LESNIAK
DEC 28 1987
CE

Swep T. Davis
President

TABLE OF CONTENTS

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Table 1 Results and Quality Assurance Data

Methodology

Report Appendices

Appendix A - Mass Spectral Data for Quantitated Compounds

Appendix C1 - GC/MS Subsidiary Data - Blank Chromatograms

Appendix E - Chain of Custody Forms

Methodology
for
GC/MS Analysis of Priority Pollutant Compounds

The methods employed in the GC/MS analysis for priority pollutants are established EPA methods. Rigid compliance with the instrument parameters and performance criteria of the published methods was achieved. In some cases, the precise amounts of sample used and the sample handling procedures vary with the complexity of the sample matrix. Qualitative identification of the priority pollutants was performed using the relative retention times, the relative abundance of three characteristic ions and the abundance ratios. The entire mass spectrum was reviewed to confirm each identification. Quantitative analysis of detected compounds was performed by using a response factor generated by a major characteristic ion of the specific compound and an internal standard.

Compounds, in addition to those on the priority pollutant list, were identified through a computer-aided search of the NBS-EPA spectra library. After review the identifications are included in a separate tabulation and labelled "tentatively identified".

Volatile Priority Pollutant Compounds

For the analysis of Volatile priority pollutants, EPA Method 624 was used. The method can be summarized as follows. Helium is bubbled through a 5 ml water sample contained in a specially designed purging chamber at ambient temperature. The purgeable volatile organic compounds are transferred from the aqueous phase to the vapor phase. The vapor is swept through a sorbent column where the organic components are trapped. After the purge cycle is complete, the sorbent column is heated and backflushed with helium to desorb the organic purgeables onto a gas chromatographic column. The gas chromatograph is temperature programmed to separate the purgeable mixture. The separated purgeable components are then identified and quantitated using a computerized mass spectrometer.

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ETC ENVIRONMENTAL TESTING and CERTIFICATION

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

DEC 7, 1987

Volatile Compounds – GC/MS Analysis Data (QR01)

Chain of Custody Data Required for ETC Data Management Summary Reports

ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
BC5766	FERNANDO L. RODRIGUEZ ASSOC.	FRAROPR	WBASIN 4	871116	0930	

IPDES Number	Compound (Acrolein and Acrylonitrile values are Marginally Stable)	Results		QC Replicate		QC Blank and Spiked Blank			QC Matrix Spike		
		Sample Concen. ug/l	MDL ug/l	First ug/l	Second ug/l	Blank Data ug/l	Concen. Added ug/l	% Recov	Unspiked Sample ug/l	Concen. Added ug/l	% Recov
1V	Acrolein		100				800	98		800	93
2V	Acrylonitrile		100				80.0	100		80.0	109
3V	Benzene		4.4				18.0	104		18.0	165
4V	bis(Chloromethyl)ether		10				0	-		0	-
5V	Bromoform		4.7				18.0	90		18.0	94
6V	Carbon tetrachloride		2.8				18.0	104		18.0	103
7V	Chlorobenzene	BDL	6.0				18.0	104		18.0	107
8V	Chlorodibromomethane		3.1				18.0	95		18.0	100
9V	Chloroethane		10				18.0	108		18.0	110
10V	2-Chloroethylvinyl ether		10				18.0	0.		18.0	0.
11V	Chloroform		1.6				18.0	104		18.0	106
12V	Dichlorobromomethane		2.2				18.0	99		18.0	103
13V	Dichlorodifluoromethane		10				18.0	113		18.0	104
14V	1,1-Dichloroethane		4.7				18.0	102		18.0	106
15V	1,2-Dichloroethane		2.8				18.0	103		18.0	104
16V	1,1-Dichloroethylene		2.8				18.0	107		18.0	107
17V	1,2-Dichloropropane		6.0				18.0	101		18.0	105
18V	cis-1,3-Dichloropropylene		5.0				18.0	95		18.0	101
19V	Ethylbenzene		7.2				18.0	102		18.0	107
20V	Methyl bromide		10				18.0	110		18.0	116
21V	Methyl chloride		10				18.0	109		18.0	102
22V	Methylene chloride	6.19	2.8	2.	5.		18.0	110	5.	18.0	94
23V	1,1,2,2-Tetrachloroethane		6.9				18.0	116		18.0	160.
24V	Tetrachloroethylene		4.1				18.0	104		18.0	106
25V	Toluene		6.0				18.0	112		18.0	105
26V	1,2-Trans-dichloroethylene		1.6				18.0	102		18.0	105
27V	1,1,1-Trichloroethane		3.8				18.0	106		18.0	102
28V	1,1,2-Trichloroethane		5.0				18.0	99		18.0	103
29V	Trichloroethylene		1.9				18.0	101		18.0	88
30V	Trichlorofluoromethane	BDL	10				18.0	112	1.7	18.0	107
31V	Vinyl chloride		10				18.0	109		18.0	109
18V	trans-1,3-Dichloropropylene		10				18.0	98		18.0	104

S. Data File: >J7752::U8

ame: PP/UOA 11/28 87 J Operator: RL9134 Date/Time: 11/28/87 2:18
isc: P-BFB

This performance tune applies to the following samples, blanks and standards:

Sample ID	Lab ID	Date of Analysis	Time of Analysis
BC5768V	>J7753	11/28/87	03:30
BC5768BS	>J7754		04:05
BC5768VR	>J7755		04:43
BC5769V	>J7756		05:22
BC5770V	>J7757		06:19
BC5771V	>J7758		07:06
BC5765V	>J7759		07:49
BC5766V	>J7760		08:36
BC5767V	>J7761		09:19

Wash

—ETC ENVIRONMENTAL TESTING and CERTIFICATION

DEC 1, 1987

TABLE 2: METHOD PERFORMANCE DATA
Surrogate Recovery – Aqueous Matrices (QR20)

Chain of Custody Data Required for ETC Data Management Summary Reports

ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
BC5766	FERNANDO L. RODRIGUEZ ASSOC.	FRAROPR				0

Compound	Amount added ug	% Recovery	Control Limits, Lower	Control Limits, Upper
VOLATILE FRACTION (GC/MS)				
Toluene-D8	.250	101	88	110
p-Bromofluorobenzene	.250	103	86	115
1,2-Dichloroethane-D4	.250	106	76	114
ACID FRACTION (GC/MS)				
Phenol-D5	-	-	10	94
2-Fluorophenol	-	-	21	100
2,4,6-Tribromophenol	-	-	10	123
BASE/NEUTRAL FRACTION (GC/MS)				
Nitrobenzene-D5	-	-	35	114
2-Fluorobiphenyl	-	-	43	116
Terphenyl-D14	-	-	33	141
PESTICIDE/PCB FRACTION (GC)				
Dibutylchlorendate	-	-	24**	154**

* IPS EPA Control Limits
** Advisory Limits Only

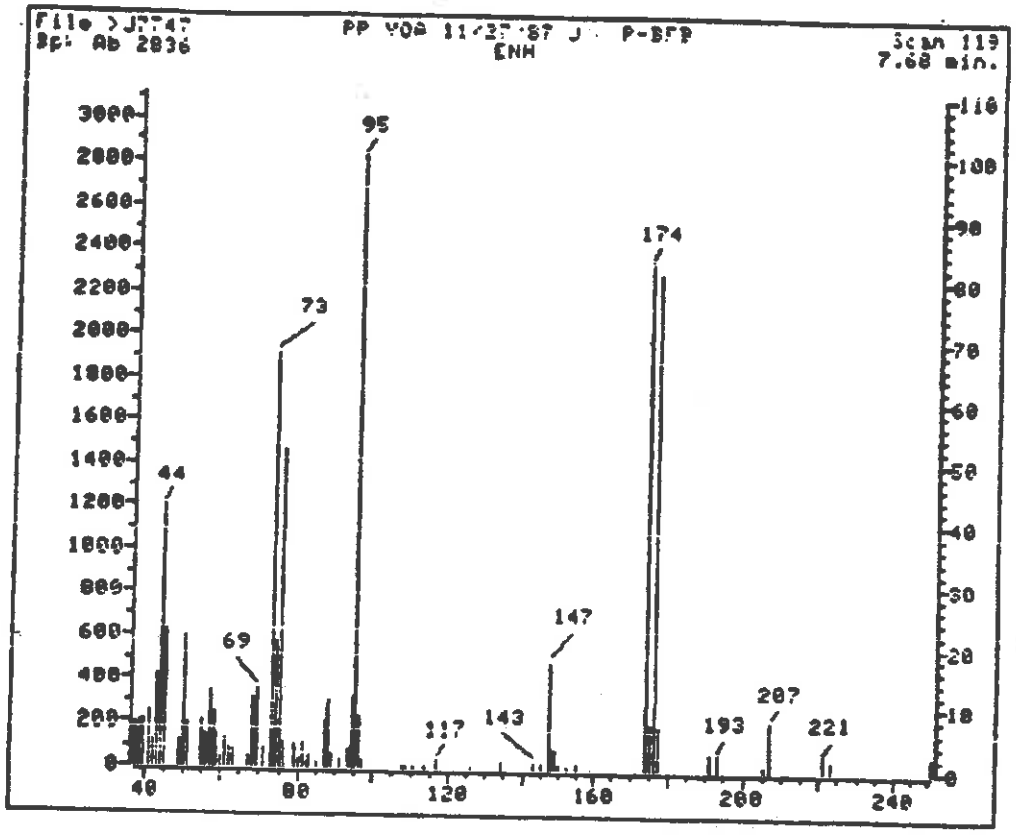


TABLE 2: METHOD PERFORMANCE DATA (QP21)

GC/MS Tuning Data - Bromofluorobenzene (BFB) for Volatiles Analysis

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
50	15-40% of mass 95	21.34	21.34	OK
75	30-60% of mass 95	51.77	51.77	OK
95	Base peak, 100% relative abundance	100.00	100.00	OK
96	5-9% of mass 95	8.40	8.40	OK
173	Less than 1% of mass 95	0.00	0.00	OK
174	Greater than 50% of mass 95	82.94	82.94	OK
175	5-9% of mass 174	6.96	8.39	OK
176	95-101% of mass 174	81.07	97.75	OK
177	5-9% of mass 176	6.64	8.19	OK

Injection Date: 11/27/87 Analyst: J. BURKET
Injection Time: 21:06 Processor: D.A.E.C.
Run No: >J7747 QC Batch: QV8151
Spectrum No: 119 ENH

(Attached) 12/1/87

8

APPENDIX C

ROCHE PRODUCTS INC.

CARRETERA ESTATAL 8870 KM 27
MANATI • PUERTO RICO • 00701

APARTADO 457
MANATI • PUERTO RICO • 00701

April 28, 1987

Ing. Raquel Cortés
Acting Director
Land Pollution Control Area
Environmental Quality Board
P.O. Box 11488
Santurce, PR 00916

Att: Ms. Priscilla Bestard

Dear Eng. Cortés:

As per our telephone conversation on April 27, 1987 in regards to the disposal of our non-toxic digested sludge at the Toa Baja landfill, I will like to clarify the following:

-In order to avoid the probability of our sludge mistakenly becoming mixed with another type of waste at its points of origin, we have a sludge container supplied by our hauler which will be exclusively used for the transportation to the Toa Baja landfill.

-To ensure that our sludge reaches its point of destiny, we have agreed that the Toa Baja authorities will be the party billing us per quantity disposed per trip our haulers will bill for the transportation services only.

-The reason for our request of a non-hazardous waste certificate for our sludge is that the Toa Baja authorities have established this certificate as a requisite before any disposal can be conducted.

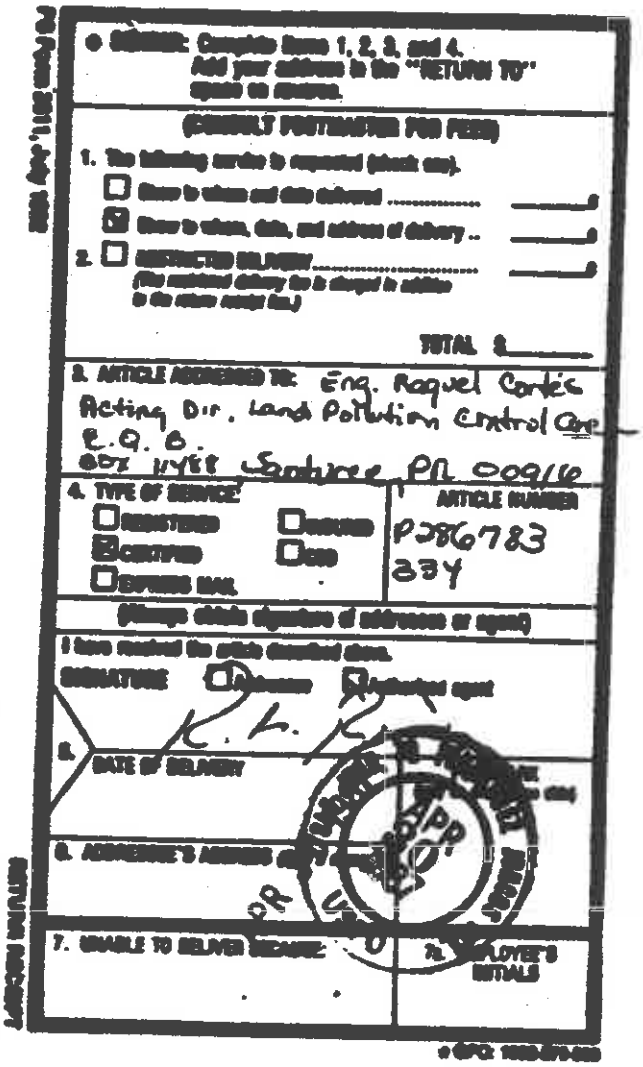
If any questions or doubt, please do not hesitate to contact us.

Cordially yours,

ROCHE PRODUCTS INC.

José C. García
Safety and Environmental
Affairs Supervisor

JCG/dse
c: Eng. T. Alvarado



PS Form 3811, July 1992

● SENDER: Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
☐ Show to whom and date delivered ..... ____$
☒ Show to whom, date, and address of delivery .. ____$
2. ☐ RESTRICTED DELIVERY ..... ____$
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL $____

3. ARTICLE ADDRESSED TO: Eng. Raquel Cortés
Acting Dir. Land Pollution Control Corp
E.Q.B.
BOX 11488 Santurce, PR 00916

4. TYPE OF SERVICE:
☐ REGISTERED ☐ INSURED
☒ CERTIFIED ☐ COD
☐ EXPRESS MAIL

ARTICLE NUMBER
P286783
334

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐ Addressee ☒ Authorized agent

K. L. K.

5. DATE OF DELIVERY

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:

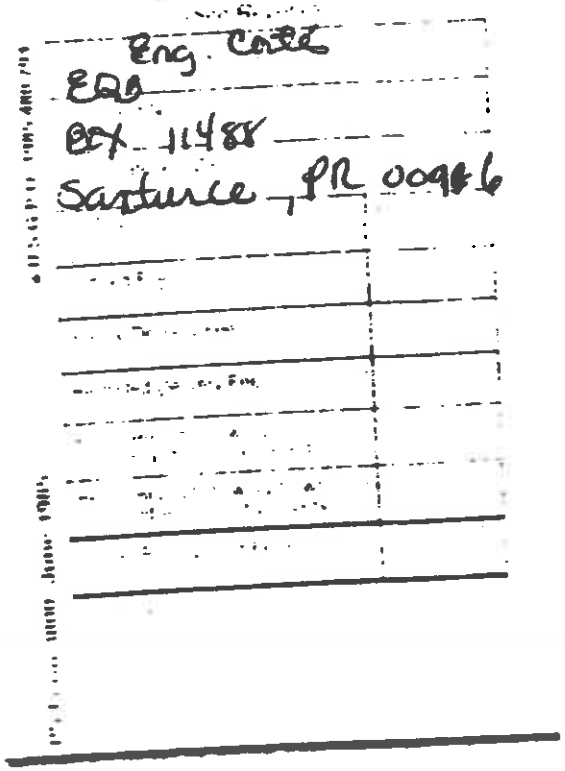
7a. EMPLOYEE'S INITIALS

RETURN RECEIPT

● GPO: 1993-[illegible]

P 286 783 334

RECEIPT FOR CERTIFIED MAIL



Eng. Cortés
EQB
BOX 11488
Santurce, PR 00916

ESTADO LIBRE ASOCIADO DE PUERTO RICO / OFICINA DEL GOBERNADOR

Junta de Calidad Ambiental

18 de agosto de 1987

Sr. José García
Supervisor de Seguridad
Asuntos Ambientales
Co. Roche Products Inc.
Apartado 452
Manatí, Puerto Rico 00701

RE: Disposición de Cienos
Planta de Tratamiento
Co. Roche Products, Inc.

Estimado señor García:

Hago referencia a su reciente carta en torno a la consulta para poder disponer en el Vertedero de Barceloneta de los cienos generados por la planta de tratamiento.

Sobre el particular deseo informarle que después de evaluar la información sometida se desprende que el referido desperdicio sólido es clasificado como no peligroso. A tal efecto no tenemos objeción para que se pueda disponerse mediante el sistema de relleno sanitario en el Vertedero de Barceloneta.

Esperamos que lo anteriormente señalado cumpla a los propósitos para los cuales fuimos consultados.

Cordialmente,

Raquel G. Cortés
Directora
Area Control Contaminación
de Terrenos

VJM/fsp

COMPLETE

ROCHE

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 46329

DATE ISSUED	DATE REQUIRED
10-2-87	See Below

TERMS

☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30

☒ OTHER: See Below

[illegible] DE BARCELONETA
Aptdo. 177
Barceloneta, PR 00617

Att: Hon. Sol Luis [illegible]

OK

SHIP TO: ☒ STATE ROAD 6870 KM. 2.7 MANATI, PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B. See Below

VIA See Below

ITEM	[illegible]	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
				WASTE DISPOSAL SERVICE AGREEMENT	
				This document is a Water Purchase Agreement to cover charges for disposal of digested sludge at the Barceloneta municipal dump waste site.	
				TERMS OF AGREEMENT	
				This agreement will be in effect from October 3, 1987 thru November 6, 1988.	
				CONDITIONS	
				Material to be disposed of complies with the "Junta de Calidad" regulations. Material is non hazardous and non toxic. (See Attached government declaration).	
				COVERAGE AND RENTAL RATES	
				a) Dump truck fee - capacity 15cu/mt per truck x4	$ 90.00/
				b) One transmeter 955	4000.00/
				c) One operator	800.00/
				d) Diesel for equipment	247.00/
				NOTE: A record of each delivery to the dump site must be kept. Aprox.	$6087.00

Continued on Page 2

NOTE: The purchase order number, quantity and contents of the packages must appear on invoices, B/L, packages, packing slips and correspondence. Stencil the lot number on containers when applicable. Indicate final shipment when order is complete.

ROCHE PRODUCTS INC.
Carlos Rodriguez
Purchasing Agent

IMPORTANT INSTRUCTIONS

1. Deliveries will not be accepted after 4:00 P.M. daily.
2. All matters pertaining to an order must be referred to the purchasing dept.
3. This order is subject to all terms and conditions appearing above and on the reverse side hereof, unless Roche Products Inc. is notified in writing to the contrary, immediately upon seller's receipt of this order and prior to shipment.
4. Mail INVOICES IN TRIPLICATE with copy of B/L To: Purchasing Department, P.O. Box 452, Manati, P.R. 00701

[illegible]	[illegible]	[illegible]	[illegible]	PROJECT NUMBER	DEPARTMENT NUMBER	
				DELIVER TO		
				BUILDING	FLOOR	ROOM NUMBER
13691000				301		[illegible]

ROCHE

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 46329

DATE ISSUED	DATE REQUIRED
10-2-87	See Below

TERMS

☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30

☐ OTHER:

MUNICIPIO DE BARCELONETA

Page 2

SHIP TO: ☐ STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B.

VIA

ITEM	COMMODITY CODE NO.	QUANTITY	U/MS	MATERIAL DESCRIPTION	UNIT PRICE
				TERMS OF PAYMENT	
				Dump Truck Fee - N/10 After receipt of invoice by RPI	
				Transavator, operator and diesel - advance payment with order	
				NOTE: The Municipal Government of Barcelonets will proceed to bury the digested sludge as soon as possible.	

NOTE: The purchase order number, quantity and contents of the packages must appear on invoices, B/L, packages, packing slips and correspondence. Stencil the lot number on containers when applicable. Indicate final shipment when order is complete.

ROCHE PRODUCTS INC.
Carlos Rodriguez
Purchasing Agent

IMPORTANT INSTRUCTIONS

1. Deliveries will not be accepted after 4:00 P.M. daily.
2. All matters pertaining to an order must be referred to the purchasing dept.
3. This order is subject to all terms and conditions appearing above and on the reverse side hereof, unless Roche Products Inc. is notified in writing to the contrary, immediately upon seller's receipt of this order and prior to shipment.
4. Mail INVOICES IN TRIPLICATE with copy of B/L To: Purchasing Department, P.O. Box 452, Manati, P.R. 00701

	T. Alvarado	L. Lesniak	Exp.	5006	600-219
02029000 LS				PROJECT NUMBER	DEPARTMENT NUMBER
				[redacted] ER TO	
				BUILDING: 701	FLOOR: [redacted] ROOM NUMBER: [redacted]

ROCHE PRODUCTS INC.

ROCHE

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 39585

DATE ISSUED	DATE REQUIRED
1-29-86	See Below

TERMS

☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30 ☒ OTHER: 10

BROWNING-FERRIS INDUSTRIES
P.O. Box 29499
Rio Piedras, PR 00929

ENT'D

SHIP TO: ☒ STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B. Jobsite

VIA Vendor

ITEM	COMMODITY ACCOUNT NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
				OPEN ORDER	
1				Provide compactors, containers, tanks and/or equipment as necessary to treat and dispose of all solid material waste generated in plant for a period of one year staring January 1, 1986 and ending on December 31, 1986.	
				RENTAL RATES will be as follows:	
				a. 1-42 cubic yard compactor (Bldg 701)	
				Monthly Rental Charge	$435.00
				Each Pick Up	119.00
				*Dump Fee	
				b. 1-42 cubic yard compactor (Bldg 301)	
				Monthly Rental Charge	525.00
				Each Pick Up	119.00
				*Dump Fee	
				c. 1-20 cubic yard container (Sludge)	
				Monthly Rental Charge	137.00
				Each Pick Up	119.00
				*Dump Fee	
				* DUMP FEE VARIES DEPENDING ON DUMP YARD USED.	
				The above Purchase Order may be cancelled by either party with a sixty (60) day written notice prior to expiration date.	
				Confirmed order placed on 12-26-85 to Srta. Mangual.	

NOTE: The purchase order number, quantity and contents of the packages must appear on invoices. B/L packages, packing slips and correspondence. Stencil the lot number on containers when applicable. Indicate final shipment when order is complete.

ROCHE PRODUCTS INC.
Adelina N. Pérez
Adelina N. Pérez
Purchasing Agent
PURCHASING DEPARTMENT

IMPORTANT INSTRUCTIONS

1. Deliveries will not be accepted after 4:00 P.M. daily.
2. All matters pertaining to an order must be referred to the purchasing dept.
3. This order is subject to all terms and conditions appearing above and on the reverse side hereof, unless Roche Products Inc. is notified in writing to the contrary, immediately upon seller's receipt of this order and prior to shipment.
4. Mail INVOICES IN TRIPLICATE with copy of B/L To: Purchasing Department, P.O. Box 452, Manati, P.R. 00701

1	62503	M. Rodriguez	S. Pagan E. Alvarado	Env.

PROJECT NUMBER			DEPARTMENT NUMBER		
VENDOR NO.	CAT.	INIT.	DELIVER TO		
			BUILDING	FLOOR	ROOM NO.
18231000	SD	mm	701		

ROCHE

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P. O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 46909

DATE ISSUED	DATE REQUIRED
11-6-87	See Below

TERMS

☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30

☒ OTHER: N/15

RENE VIGO ROMAN
Bo. La Pra #3
Manati, PR 00701

SHIP TO: ☒ STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B. Jobsite

VIA Contractor

ITEM	COMMODITY /CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
1				To cover the cost for the rental of two (2) dump trucks with operator and gas for the carrying of sludge to Barcelonata landfill as follows:	
				11-2-87 - 8 hrs.!!.....	$500.00 L/S
				11-3-87 - 8 hrs.....	500.00 L/S
				TOTAL VALUE.....	$1000.00

Confirmed order placed on 10-30-87 to Rene Vigo.

NOTE TO ACCOUNTS PAYABLE

No Receiving Report will be issued to cover the above mentioned services. Requestor must approve invoice for payment.

208

DELIVER THIS COPY TO REQUISITIONER

REQUISITIONER: This copy of the purchase order is your confirmation that the material you requisitioned has been ordered. Please check correctness of quantity and description and advise if in error.
Retain This Copy For Future Reference.

ROCHE PRODUCTS INC.

Carlos Rodriguez
Purchasing Agent
PURCHASING DEPARTMENT

BROWNING-FERRIS INDUSTRIES
HOUSTON LABORATORY

DATE: January 9, 1987

BFI #: 37281
RE: ROCHE PRODUCTS; MANATI, PR.

TOXICANT EXTRACTION PROCEDURE
USEPA

Parameter	BFI # 37281	Maximum Allowable Concentration
Arsenic, mg/L	0.012	5.0
Barium, mg/L	0.8	100.0
Cadmium, mg/L	<0.050	1.0
Chromium, mg/L	0.36	5.0
Lead, mg/L	0.3	5.0
Mercury, mg/L	<0.001	0.2
Selenium, mg/L	<0.05	1.0
Silver, mg/L	<0.05	5.0
Endrin, mg/L	-----	0.02
Lindane, mg/L	-----	0.4
Methoxychlor, mg/L	-----	10.0
Toxaphene, mg/L	-----	0.5
2,4-D, mg/L	-----	10.0
2,4,5-TP Silvex, mg/L	-----	1.0

Extract prepared in accordance with EPA Method 1310, Extraction Procedure (EP) Toxicity Test Method; Organochlorine Pesticides and Chlorinated Herbicides determined in accordance with EPA Methods 8080 and 8150, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods July 1982, Second Edition, USEPA, SW-846 and additions thereto.

Metals determined by the Method of Standard Addition and in accordance with procedures published in Methods for Chemical Analysis of Water and Wastes, Revised Edition, March 1983, USEPA, 600/4-79-020 and additions thereto.

BFI HOUSTON LAB GROUP

Rhonda R Redd

Rhonda R. Redd, Technical Rep.

TMH/pc
REV: 8/85

b) Solubility—Note the solubility in grams of the waste in 100 grams of water, or percent water solubility.
c) Flash Point—If the waste is other than [illegible] or powder, list the temperature at which the waste exhibits a flash point, and the applicable test method

SECTION 3 — REACTIVITY:

— Hydrophoric—Reacts exothermically with water or liberates toxic or combustible gases on contact with water.
— Autopolymerizable—Hardens or solidifies without assistance, usually with a release of heat.
— Shock Sensitive—Detonates or explodes if jolted or dropped.
— Acid or Alkaline Reactive—Releases heat, toxic gases or vapors when exposed to an acid environment (pH 2) or an alkaline environme
(pH 12).
— Pyrophoric—Ignites in air.
— Explosive—To burn suddenly with violent results.
— Thermally Sensitive—The hazardous or toxic properties may change with the application of heat.

SECTION 4 — WASTE CONTAINS:

Indicate if any materials defined below are present in the waste; if so, type(s) (if applicable) and concentration(s) must be noted in Section 5, Was
Composition.

— Biological Materials—Living or once living organisms, e.g., bacteria, animal carcass.
— Pathogens—Disease causing organisms.
— Pesticides—Any substance used to destroy or inhibit the action of plant or animal pests.
— Etiological Agents—A substance which causes disease or abnormal conditions in humans.
— Dioxins—Chlorinated dioxins, chlorinated dibenzofurans and tri-, tetra-, or penta-chlorinated phenols.
— Oils—For example, lubricating oils, cutting oils, mineral oils, vegetable oils, animal fats, edible oils, etc.
— Free Cyanide; Free Sulfide; Free Ammonia—Hydrogen cyanide or hydrogen sulfide liberated when the waste is subjected to an environm
of pH 2; ammonia liberated at a pH 12.5.
— Radioactive Materials—Emits radiation in excess of background.
— Free Liquids—Liquids, aqueous or organic, not united or combined with the waste.
— Absorbents—Materials added to the waste to absorb any free liquids, e.g., vermiculite, sawdust, lime, kiln dust, etc.
— OSHA Carcinogens—The following compounds:
Asbestos, coal tar pitch volatiles, 4-nitrobiphenyl, alpha-naphylamine, methyl chloromethyl ether, 3,3-dichlorobenzidine (and
salts), bis-chloromethyl ether, beta-naphylamine, benzidine, 4-aminodiphenyl, ethyleneimine, beta-propiolactone, 2-acetylaminofluore
4-dimethylaminoazobenzene, n-nitrosodimethylamine, vinyl chloride, inorganic arsenic, lead, benzene, 1,2-dibromo-3-chloroprop
acrylonitrile.
— PCBs—Polychlorinated Biphenyls—In accordance with the Toxic Substances Control Act (TSCA), 40 CFR 761, the waste material as ship
for disposal must fall into one of the following categories: A—The waste does not contain PCBs or is not regulated and the concentra
of PCBs is less than 50 ppm; B—Regulated as if concentration is 50 to 499 ppm PCBs and landfillable; C—Regulated as if concen
tion is 500 ppm PCBs or greater and landfillable; D—Regulated as if concentration is 500 ppm PCBs or greater and not landfill

SECTION 5 — COMPLETE WASTE COMPOSITION:

The chemical composition of the waste must be thoroughly identified using common or generic chemical terms, not trade names or abbreviat
The components are to be listed as either organic or inorganic with concentration ranges in percent, ppm or ppb. If the waste contains wat
must be included and its concentration noted. No vague content descriptions such as oil and water, sludge, etc. will be acceptable. The to
all components must equal 100% composition. If trace toxic elements, compounds or substances listed in Section 4 are present, they are to be l
with their respective concentrations. If the generator is offering for disposal many items or materials, such as those found in a warehouse, atta
to the WCD should be a listing of the items and the quantities of each. "See attached" should then be written across this section.

SECTION 6 — HAZARDOUS WASTE:

Indicate if the waste material is a "Hazardous Waste" as defined by RCRA, 40 CFR 261. Also, note if the waste is regulated as "Hazardous" by
or state regulatory agencies. Section 9, Manifest Information, must be completed in full for a RCRA Hazardous waste.

SECTION 7 — SAMPLE:

Indicate if a sample has been provided BFI/CECOS for disposal evaluation. If the response is "yes", the Representative Sample Certificate at the b
of Page 4 must be completed. See the instructions on the certificate.

SECTION 8 — VOLUME:

The quantity and frequency of generation of the waste described is to be noted. Also, note the manner in which the waste is to be transpor
disposal, (e.g., bulk, 55 gallon drums, 35 gallon fiber pack containers, etc.).

SECTION 9 — MANIFEST INFORMATION:

If applicable, the proper USDOT shipping name, hazard class and UN or NA number must be noted for manifesting and placarding requir
(see 49 CFR 172.101-102). The USEPA hazard code and applicable waste numbers are to be noted if the waste is RCRA regulated (40 CFR
the waste is regulated locally (see Section 6), enter local waste number.

SECTION 10 — PERSONAL PROTECTIVE EQUIPMENT:

Any safety gear to be worn and specific handling procedures to follow are to be specified to prevent personnel injury in management of the

SECTION 11 — ATTACHMENTS:

Identify all supplemental information attached to the WCD; examples, MSDS, toxicological or EP Toxicity data. Note the total number of supp
tal pages attached.

SECTION 12 — GENERATOR'S CERTIFICATION:

An authorized representative of the generator must sign the document and initial for recognition. The WCD will not be processed nor a
approval issued without this section completed.

BROWNING-FERRIS INDUSTRIES
HOUSTON LABORATORY

DATE: January 9, 1987

BFI LAB NO: 37281
RE: ROCHE PRODUCTS; MANATI, PR.

Test Performed	Test Procedure
X	Radioactivity, exposure dose, milliroentgen/hour. Results: <0.05
X	Characteristic of Ignitability as per 40 CFR 261.21. Results: Negative
X	Reaction when mixed with water. Results: None Detected -- 95% Insoluble
X	Reaction when mixed with a 10% wt. solution of HCl. Results: Gases Liberated; Sulfide Odor Detected; 100% Soluble
X	Reaction when mixed with a 10% wt. solution of NaOH. Results: None Detected -- 95% Insoluble
X	Reaction when exposed to air. Results: None Detected
____	Reaction when mixed with oil/solvent. Results:
X	Characteristic of Reactivity as per 40 CFR 261.23. Results: Sulfide <5 ppm; Cyanide <2 ppm;
____	Presence and/or concentration of free liquids, Paint Filter Liquids Test, Method 9095, USEPA, SW-846. Results:
____	Unconfined compressive strength, Pocket Penetrometer. Results, ton/ft^2:

This data is the product of the evaluation of BFI 37281 reported to be a representative sample of the waste material described on the BFI Waste Characterization Data Sheet assigned the BFI Waste Code PR/481-418/870108/3728] The attached waste disposal recommendation is based upon a review of the information provided by the generator and an assessment of the referenced sample. This recommendation is contingent upon receipt at the disposal facility of waste material essentially equivalent in chemical and physical properties to that defined by the above mentioned waste stream.

BFI HOUSTON LAB GROUP

Rhonda R. Redd

Rhonda R. Redd, Technical Rep.

TMM/pc
DS-1
REV. 5/85

LABORATORY TEST REPORT

REVISED

eqlab

Roche Products Inc.
P.O.Box 452
Manati, P.R. 00701
Attn: Eng. Luis Rivera

Date: January 14,1986
Page 1 of 1

37281

EQ LAB	CLIENT
W.O.#: 122-01-05 D.S.#: 6522 Date Sample Collected/Received: Nov.8/85	Facility: Manati P.O.#: 38335 Date Sample Collected: Nov.8/85
Sample #: 12372 Source: Sludge from land	Description: Grab

SAMPLE #	PARAMETER		UNIT	REMARKS
12372	Reactivity	< 1	mg/kg	Method 9010*
	-Total Cyanide	48	mg/kg	Method 9030*
	-Sulfide			
	Ignitability	Does Not Ignite at Standard Temperature & Pressure		Method 40CFR 261.21
	EP Metals			
	-Total Arsenic	< 2.0	ug/L	Method 7061*
	-Total Barium	300	ug/L	Method 7080*
	-Total Cadmium	58	ug/L	Method 7130*
	-Total Chromium	25	ug/L	Method 7190*
	-Total Lead	< 50	ug/L	Method 7420*
	-Total Mercury	< 0.20	ug/L	Method 7470*
	-Total Selenium	< 2.0	ug/L	Method 7741*
	-Total Silver	< 1	ug/L	Method 7760*
	EP Pesticides			
	-Endrin	< 0.02	mg/L	Method 8080*
	-Lindane	< 0.40	mg/L	Method 8080*
	-Methoxychlor	< 10.00	mg/L	Method 8080*
	-Toxaphene	< 0.5	mg/L	Method 8080*
	EP Herbicides			
	-2,4-D	< 10.0	mg/L	Method 8150*
	-2,4,5-TP (Silvex)	< 1.0	mg/L	Method 8150*

*EPA/SW-846

RECEIVED NOV 24 1986 BFI HOUSTON LAB

ISMAEL MARTINEZ JIMENEZ Químico

Released by: José G. Vila
General Manager

BROWNING-FERRIS INDUSTRIES
HOUSTON LABORATORY

PRETREATMENT AND DISPOSAL RECOMMENDATION

Date January 9, 1987

BFI 37281 Source ROCHE PRODUCTS; MANATI, PR.

1. Sample Description: Liquid ____ Sludge ____ Solid X Mix ____ Color Brown

Number of Phases (% v/v of each) ____ Odor ____

pH@pH (5% wt. Slurry) 6.6 Density 68.6 #/gal (lb/cu. ft.) Flash Point ____ °F Total Solids ____ % w/w

Safety Precautions:

Avoid Breathing Vapors Dust ____ Avoid Skin and Eye Contact X

Toxicity:

2. Pretreatment:

____ A. Phase Separation ____ B. pH Adjustment ____ C. Oxidation/Reduction ____ D. Other ____

Comments:

3. Disposal Recommendation:

____ A. Solidification: Volume percent of Original Waste ____

1. Kiln Dust ____ Fly Ash ____ Other ____

a. Ratio of Agent to Waste ____ w/w b. Reaction upon mixing ____

c. Volume increase ____ Times original. See attached leachate data ____

d. Final Disposal: (1) Sanitary ____

(2) Secure ____

____ B. Deep Well Disposal: Volume percent of Original Waste ____

1. Calcasieu ____ 2. Odessa ____ 3. Other ____ See attached Deep Well Analysis ____

____ Subsurface inject the liquid waste into the receiving basin.

____ C. Incineration at a BFI/CECOS approved subcontract facility: Volume percent of Original Waste ____

X D. Direct Landfill Burial: Volume percent of Original Waste 100%

(1) Sanitary X-CECOS PONCE (Non-Hazardous) (2) Secure ____ See attached analysis X

____ The waste is to be solidified on the generator's site and placed in drums prior to shipment for disposal

X Approved for bulk and containerized disposal: Drums/CECO-PAK/Other ____

____ Containers must be completely filled, properly sealed and labeled, and contain only solids.

____ E. Other: ____

____ Crush and bury the empty containers in a BFI/CECOS approved landfill.

Comments: Approved for transportation by BFI San Juan. Mix the waste with dry refuse at t active face of the landfill. Approval for disposal in a sanitary landfill is contingent upon written approval from the local regulatory agency involved and the BFI Corporate Vice President for Landfill Operations. cc: Mike Lawlor; Jim Dowland, Rick Good

The above is a recommendation of the BFI Houston Laboratory Group. It must be understood that local regulations (if more stringent) regarding disposa ____ takes precedence over the laboratory's recommendations.

Rhonda R. Redd

RECEIVED
JAN 7 1986
BFI
HOUSTON LAB

ANALYSIS REPORT

SAMPLE IDENTIFICATION:

Sample from Cecos International
Identified as Waste Water Treatment Plant
Roche Products
December 10, 1986
Envirolabs No. 12-986

E.P.A. HAZARDOUS WASTE NUMBER		E.P. TOXICITY METALS IN SAMPLE			MAXIMUM CONTAMINANT LEVEL ALLOWED
D 004	.....	Arsenic, As	< 0.1 mg/l	.....	5.0 mg/l
D 005	.....	Barium, Ba	3.0 mg/l	.....	100.0 mg/l
D 006	.....	Cadmium, Cd	0.2 mg/l	.....	1.0 mg/l
D 007	.....	Chromium, Cr	< 0.1 mg/l	.....	5.0 mg/l
D 008	.....	Lead, Pb	0.2 mg/l	.....	5.0 mg/l
D 009	.....	Mercury, Hg	< 0.1 mg/l	.....	0.2 mg/l
D 010	.....	Selenium, Se	< 0.1 mg/l	.....	1.0 mg/l
D 011	.....	Silver, Ag	0.3 mg/l	.....	5.0 mg/l

Samples does not exhibit the characteristics of E.P. Toxicity (Metals) according to the U.S. Environmental Protection Agency, Manual SW 846, Test Methods for Evaluating Solid Wastes.

RECEIVED
JAN 7 1986
BFI
HOUSTON LAB

CERTIFICATION

SAMPLE IDENTIFICATION:

Sample from Cecos International
Identified as Waste Water Treatment Plant
Roche Products
December 10, 1986
Envirolabs No. 12-986

THIS IS TO CERTIFY THAT THE ANALYSES OF THE SAMPLE SUBMITTED AND HEREBY REPORTED WERE PERFORMED BY OR UNDER THE DIRECT SUPERVISION OF A LICENSED CHEMIST.

ENVIROLABS, INC.

Adolfo Valdés Agrait
Director of Analytical Services

rgo

[redacted]

ANALYSIS

ANALYSIS

006053

CERTIFICATE OF ANALYSIS 1 OF 1

SLUDGE CHARACTERIZATION FOR BFI (CECOS INT.) REQUIREMENTS

10/27/86

37281

☐ FOR DETERMINATION OF	OBSERVATION AND RESULTS
WASTE PROPERTIES @ 25°	
PHYSICAL STATE ...	SEMI-SOLID
PHASES / LAYER ...	SINGLE
DENSITY ...	1.25 g/cc ... p156 BK 0116
ODOR ...	MILDLY FOUL
VAPOR PRESSURE ...	N.A.
pH ...	7.84 ... p156 BK 0116
COLOR ...	BROWNISH
SOLUBILITY ...	11% w/w
FLASH POINT ...	N.A.
REACTIVITY	N.A.
% VOLATILE SOLIDS ...	34.7% p. 056 BK 0133
lime plus other constituents	65.3% { 15.8% $Ca(OH)_2$; 1.6% Zn (as salts); 47.9% other constituents.

RECEIVED NOV 24 1986 BFI HOUSTON LAB

BOOK	PAGE	ANALYST	DATE	CHECKED BY	DATE
0116	164	[signature]	11-12-86	[signature]	11/12/86

MEMORANDUM

TO : Mr. Jose Garcia

FROM : Jose L. Perez

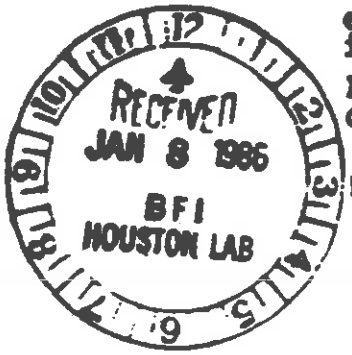
DATE : December 11, 1986

SUBJECT: Sludge Sample

On September 23, 1986, Roche Products Inc. sent to BFI Laboratory a Sludge sample from our Wastewater Treatment Plant. In accordance with BFI Procedures, the sludge was analyzed as requested in the waste characterization exhibit A. The following results were obtained from our study of the sludge sample:

Solubility W/W in 100 g H2O	-	11%
pH	-	7.84%
Volatile Solids at 550°C	-	34.7%
Lime Content (Ca (OH)2)	-	15.8%
Zinc Content	-	1.6%
Other Constituents	-	47.9%

The complete waste characterization data appears in the exhibit A that was submitted. Nevertheless, as informed by Mr. R. Good from Cecos International in P.R., BFI requires more details about the 47.9% not determined constituents.



Most of undetermined solids that appear as 47.9% are from a primary clarifier where the pH is controlled to about 10.2 with a lime solution.

Due to the nature of the clarification process that occurs in primary clarifier it is practically impossible for our laboratory to identify all the different salt species that can precipitate at a pH of 10.2. For example, when we calculated the Zinc percentage in the Sludge we didn't take into account the anion concentration of the salt, because different Zinc salts can be formed during Zinc removal process.

Other salts that can be formed and precipitated in the clarifier are from Potassium and Sodium cations.

For additional information, please call me at the Environmental Laboratory.

ds

xc: Mr. Lewis Lesniak
Mr. Tomás Alvarado

ROCHE PRODUCTS INC.

CARRETERA ESTATAL 4870 KM 2.2
MANATÍ • PUERTO RICO • 00701

APARTADO 659
MANATÍ • PUERTO RICO • 00701

December 17, 1986

Mr. Richard Good
Cocos International
Ponce, P.R.

Dear Mr. Good:

Attached is a memo from our Environmental Laboratory pertaining to the Sludge characterization data already sent to your attention.

As you can see, most of the 47.9% other constituents are from a primary clarifier with a controlled pH of 10.2. Due to the nature of the clarification process, it is impossible for our laboratory to identify all the different salt species that can precipitate at the above mentioned pH.

Nevertheless we do know that most of the constituents of the 47.9% portion should be zinc, potassium and sodium salts, other salt species should be present yet as mentioned before we are unable to identify them.

In reference to the "absorbents" constituents we had included hydrated lime but further inquiry into the matter has shown that the lime is only used to control pH not as an absorbent so then we can rule out any absorbent consituents in our sludge.

Cordially,

José García
Safety & Industrial Hygiene
& Environmental Affairs
Supervisor

da

FR/481870108/37281

9. MANIFEST INFORMATION

Proper USDOT Shipping Name: N/A

USDOT Hazard Class: N/A

UN or NA No.: N/A

Local Haz Waste No: N/A

USEPA Hazardous Waste No(s).: N/A

USEPA Haz. Codes: N/A

10. Required personal protective equipment & handling procedures: N/A

11. Supplemental information attached: (RP) Env. Control Laboratory) Hazardous Waste Certificate of Analysis No. of pages

12. GENERATOR'S CERTIFICATION:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of composition or properties exists, and that all known or suspected hazards have been disclosed.

GENERATOR'S AUTHORIZED SIGNATORY:

11-18-86 DATE — SIGNATURE — Safety/Env. Affairs Supervisor TITLE — INITIALS

13. THIS SECTION IS FOR REGULATORY AGENCY DOCUMENTATION

A. APPROVAL STATUS: [ ] ACCEPTABLE [ ] APPROVAL WITHHELD [ ] DISAPPROVED

B. REASONS OR SPECIAL CONDITIONS FOR APPROVAL STATUS:

DATE — SIGNATURE — TITLE/AGENCY

REPRESENTATIVE SAMPLE CERTIFICATE

This form is to be completed by the person obtaining the sample, preferably a representative of the generator. DO NOT COLLECT OR FORWARD SAMPLES THAT ARE RADIOACTIVE, SHOCK SENSITIVE, EXPLOSIVE, OR PYROPHORIC.

ROCHE PRODUCTS INC. — Generator's Company Name

State Rd.# 670 KM 2.7 PO Box 452, Manati, PR 00701 — Company's Address

Digestor Tank — Location of Sampling: Unit, Pond, Pit, Tank, etc.

Industrial Wastewater Treatment Plant — Process Producing Waste

Date Sampled: Sept 22, 1986 Time Sampled: 8:00 (AM) PM Volume of Sample Collected: (950cc)2 sam

Type of Waste: (circle) (Sludge) Wastewater Solid Mix Other (speci

Phases/Layers: (circle) (Single) Bilayered Multilayered

Type of Sampler: (circle) Coliwasa Grain Trier Scoop Auger Pond (Weighted Bottle) Thief Other (speci

Composite Sample: Number of sub-samples Volume of sub-samples

Field Information: (Comments)

I certify this sample is representative of the waste to be managed.

Collector JORGE SAENZ — Print Name — Signature — (809)854-3020 Telephone Number

Environmental Section Leader — Title — Roche Products Inc. — Company

BROWNING-FERRIS INDUSTRIES/CECOS INTERNATIONAL

WASTE CHARACTERIZATION DATA

GENERAL INSTRUCTIONS

1. Complete the Waste Characterization Data (WCD) form attached.
2. A representative sample of the waste to be managed by BFI/CECOS will aid in the rapid evaluation for disposal, and will often be required. Samples must be accompanied by a completed Representative Sample Certificate. Your BFI/CECOS Salesperson can inform you if a sample is required, and provide you with the necessary Sample Shuttle Kit for transporting the sample.
3. Send the completed and signed WCD form and sample to the BFI/CECOS Regional Laboratory as noted below left. Please send a copy of the completed and signed WCD to the BFI/CECOS Sales Office noted below right.

If you have any questions concerning the completion of this form or collection of a sample, please contact your BFI/CECOS Sales Representative. This form is not to be utilized to describe small containers of hazardous waste in over-packed drums (Lab Packs). Lab Pack guidelines may be obtained from your CECOS Sales Representative.

LABORATORY

(800) 864-2880

JOSÉ C. GARCÍA
SAFETY & INDUSTRIAL HYGIENE SUPERVISOR
and Environmental Affairs

ROCHE PRODUCTS INC.
P.O. BOX 482 • MANATI • PUERTO RICO • 00701

INSTRUCTIONS FOR WASTE CHARACTERIZATION DATA

In compliance with the requirements of regulations promulgated under the Resource Conservation and Recovery Act of 1976 (RCRA), specifically 40 CFR 265.13, it is necessary to obtain certain information about your waste to determine if BFI/CECOS can transport, treat or dispose of it in a lawful, safe, and environmentally sound manner. Please attach any analyses and Toxicity data which are applicable. Any relevant information or description which helps to clarify your waste will expedite its approval.

NOTE: Any revisions to the WCD must be initialed and dated by an authorized representative of the generator prior to contract.

Please be complete in your answers; if your response is "none", "not available", or "unknown", so indicate. Please write "NA" next to questions which are not applicable. Answers must be printed in ink or typwritten and the completed form must be signed. Please make a copy for your records.

SECTION 1 — GENERAL INFORMATION:

a) Generator's Name—Name of the company offering the waste for disposal.
b) If the waste is regulated by the USEPA or the state regulatory agency as a "Hazardous Waste", the generator must include the EPA Generator ID No. (and/or state registration no.) for the facility.
c) Generating Facility Complete Address—The street, city and state address of the generating facility.
d) Authorized Company Representative—The name of the generator's authorized representative or employee completing the form and his/her title
e) Phone Number—The area code and telephone numbers of the company representative.
f) Emergency Contact—The name, title and telephone number of an individual representing the generator that may be contacted at any time This information is necessary in the event of a spill or a similar emergency situation.
g) General Description of the Waste—Describe the waste and it's source. Examples, sludge from biological treatment system clarifier, tank bo toms from muriatic acid storage, solidified epoxy paint, asbestos ceiling tiles, etc.
h) Process Generating Waste—Describe the complete process, not just the source of the waste. Example, production of vinyl chloride by hydrochlorina tion of acetylene in the presence of mercuric chloride, metal galvanizing operation, furniture manufacturing, renovation of school buildings, et

SECTION 2 — WASTE PROPERTIES @ 25°C OR AMBIENT TEMPERATURE: (Indicate ranges if appropriate)

a) Physical State—The physical nature of the waste at ambient conditions. If the waste is a mixture, describe the type of physical states that mal up the mixture; e.g., semi-solid/liquid. If the waste is a liquid or flowable semi-solid, describe its viscosity in terms of low (water), mediu (motor oil), or high (molasses).
b) Phases/layers—Describe the waste phases, and layers, e.g., [X] multilayered. top 20%, liquid; middle 70%, semi-solid; bottom 10%, soli
c) Density—The weight of the waste per unit volume.
d) Odor—Note the intensity of the odor and describe its nature, sweet, acidic, solvent, foul.
e) Vapor Pressure—The vapor pressure of the waste at ambient conditions.
... if non-homogeneous, the colors associated with the waste.

BROWNING-FERRIS INDUSTRIES
HOUSTON LABORATORY

LABORATORY SERVICE REQUEST

INSTRUCTIONS: This form is to be completed by BFI/COCOS personnel requesting a service of the Laboratory. Forward the original to the Laboratory with samples and applicable documentation. Copy the completed form for your records. Leave the "Laboratory Reply" section blank.

DATE 11-20-86	PURCHASE ORDER NO.	CUSTOMER Roche Products Inc.	
BFI LAB NO. 37281		LOCATION MANATI P.R.	
BFI/COCOS INITIATOR H. Perez		TECHNICAL CONTACT Jose Garcia	
LOCATION COMPANY NO. Cocos P.R.		PHONE NO. 809-854-3020	

ACTION REQUESTED (New HAZ) Approval for Treatment & Disposal for District 481 Landfill (Ponce)

CHEMICAL ANALYSIS

TYPE OF MATERIAL SUBMITTED Sludge	PHYSICAL STATE Semi-Solid	SAMPLE DATE	
COLOR	ODOR	COLLECTED BY	

HANDLING PRECAUTIONS

PRIORITY

ANALYSES REQUESTED: Priority

SAMPLE IDENTIFICATION

RECEIVED NOV 24 1986 BFI HOUSTON LAB

WASTE DISPOSAL

Disposal Method Requested: ☐ Sanitary ☐ Storm ☐ Other (Specify) _____

Disposal Site Requested | Present Disposal Method

Previous Lab No. | Agency Representative

Regulatory Agency Involved

Attached Forms: ☐ MSDS ☐ Analytical Data ☐ Letter ☐ Chain of Custody ☐ Other _____

Additional Comments

LABORATORY REPLY

See attached.

1/5/87 Signed Rhonda R Redd

SAMPLE DELIVERY SLIP

eqlab

ENVIRONMENTAL QUALITY LABORATORIES, INC.

Slip 6522

EQL Job No. 122-01-05

Client Roche

SAMPLE DESCRIPTION

Sampling point [illegible]

Client Tag. _____

- ☐ WATER
- ☐ Surface/stream
- ☐ Underground
- ☐ Sea
- ☐ Drinking
- ☐ Process

- ☐ WASTEWATER
- ☐ Domestic
- ☐ Industrial
- ☐ Raw
- ☐ In-plant
- ☐ Treated

- ☐ OTHER [illegible]
- ☐ Liquid
- ☐ Solid
- ☐ Sediment
- ☐ Suspension
- ☐ Emulsion
- ☐ Viscous
- ☐ Tissue
- ☐ Air

- ☐ TYPE
- ☐ Grab
- ☐ Multiple grab
- ☐ Composite

CONTAINER

- ☐ Sterile
- ☐ Glass
- ☐ Plastic
- ☐ Charcoal Tube
- ☐ Other

PRESERVATION

- ☐ Ice
- ☐ Chemical
- ☐ Other
- ☐ None

CHLORINATED

☐ No ☐ Yes

TOXIC OR HAZARDOUS

☐ No ☐ Yes

If yes, identify material and special handling

TEST PARAMETERS

If previously defined, P.O.# _____ J.O.# _____ Contr.# _____

If not, test for _____

CHAIN OF CUSTODY

	Signature	Date	Time
Collected in field by		[illegible]	
Fixed in field by		" " "	1:00
Released to EQL by	[illegible]	" " "	
Received by EQL	[illegible]	" " "	[illegible]
Received by Control			
Received by Lab.			

COMMENTS

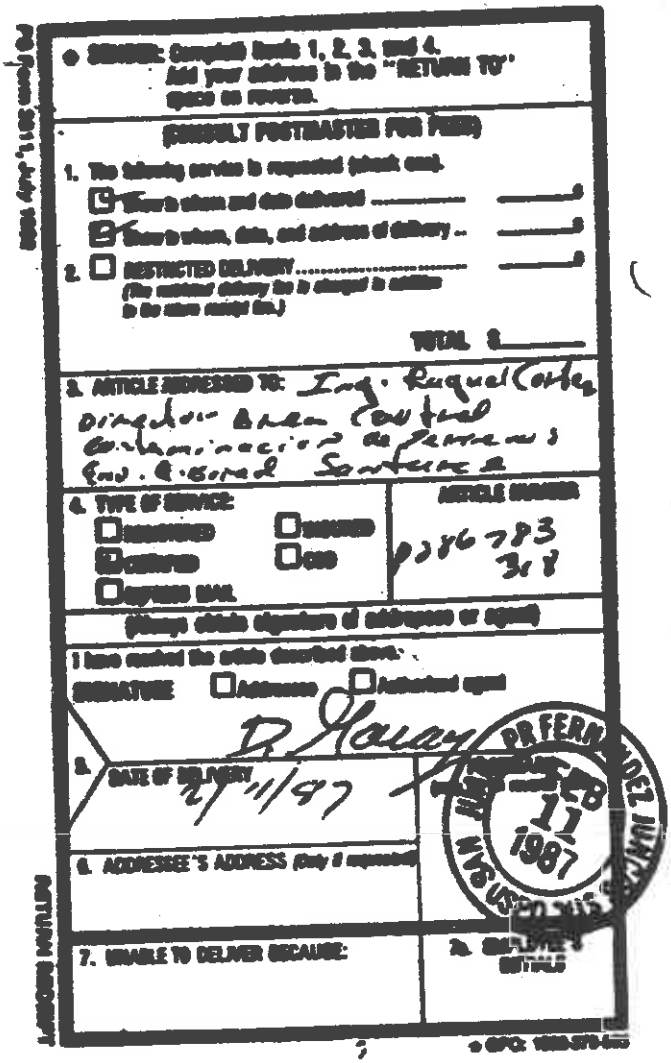
[illegible]

EQL SAMPLE NO. _____

NOTES

1. Sign legibly. If not legible, print name above signature.
2. Laboratory tests will yield values for the sample recieved in the laboratory. Correct procedures in sampling, fixing, preservation, and handling of sample are of utmost importance if the test values are to be representative of the source sampled.
3. Remaining portions of toxic or hazardous samples will be returned to client for the proper and final disposal.

PS Form 3811, July 1988



● SENDER: Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
- ☐ Show to whom and date delivered ..... ____ $
- ☑ Show to whom, date, and address of delivery .. ____ $

2. ☐ RESTRICTED DELIVERY ..... ____ $
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL $____

3. ARTICLE ADDRESSED TO: Ing. Raquel Cortez
Director Area Control
Contaminación de Terrenos
Env. Q. Gral Santurce

4. TYPE OF SERVICE:
- ☐ REGISTERED
- ☐ INSURED
- ☑ CERTIFIED
- ☐ COD
- ☐ EXPRESS MAIL

ARTICLE NUMBER: P286 783 318

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐ Addressee ☐ Authorized agent

D. Garay

5. DATE OF DELIVERY: 2/11/87

PR FERNANDEZ JUNCOS
SAN JUAN
FEB 11 1987

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:

8. EMPLOYEE'S INITIALS

RETURN RECEIPT

● GPO: 1988-370-[illegible]

P 286 783 318

RECEIPT FOR CERTIFIED MAIL

● U.S.G.P.O. 1985-480-794

Ing. Raquel Cortez
P.O. 11488 Hato Candidal
Santurce P.R. 004

Form 3800, June 1985

ROCHE PRODUCTS INC.

CARRETERA ESTATAL 8870 KM 27
MANATI • PUERTO RICO • 00701

APARTADO 657
MANATI • PUERTO RICO • 00701

April 28, 1987

Ing. Raquel Cortés
Acting Director
Land Pollution Control Area
Environmental Quality Board
P.O. Box 11488
Santurce, PR 00916

Att: Ms. Priscilla Bestard

Dear Eng. Cortés:

As per our telephone conversation on April 27, 1987 in regards to the disposal of our non-toxic digested sludge at the Toa Baja landfill, I will like to clarify the following:

-In order to avoid the probability of our sludge mistakenly becoming mixed with another type of waste at its points of origin, we have a sludge container supplied by our hauler which will be exclusively used for the transportation to the Toa Baja landfill.

-To ensure that our sludge reaches its point of destiny, we have agreed that the Toa Baja authorities will be the party billing us per quantity disposed per trip our haulers will bill for the transportation services only.

-The reason for our request of a non-hazardous waste certificate for our sludge is that the Toa Baja authorities have established this certificate as a requisite before any disposal can be conducted.

If any questions or doubt, please do not hesitate to contact us.

Cordially yours,

ROCHE PRODUCTS INC.

José C. García
Safety and Environmental
Affairs Supervisor

JCG/dse

ROCHE PRODUCTS INC.

REF: LETTER DATED 9/10/87

(APPENDIX C)

The following are the conditions by which the municipality of Barceloneta would accept that R.P.I. uses their landfill to dispose of the sludge generated by it's WWTP.

1- RPI will pay $90.00 to the municipality of Barceloneta per truck.

2- RPI will pay the monthly rental of a traxcavator as for the purpose landfill of the sludge.

3- RPI will pay no less than $5.00 per hour to the operator of the traxcavator.

4- RPI will pay the Diesel-Oil consumed by the traxcavator per month.

5- RPI will free Barceloneta Municipality and will compensate them for any risks which the material may provoke.

6- Monthly payments to check only after the invoice is received at RPI.

7- The minimum rental of the traxcavator is one month.

8- The traxcavator chauffer will sign the log of trips to the lanofill.

9- RPI will notify ahead of time when the disposal operation will end.

After acceptance from your part of these conditions then the contract can be prepared.

Gobierno Municipal

BARCELONETA, PUERTO RICO

Departamento de Finanzas

DIVISION DE CONTROL AMBIENTAL
12 de noviembre de 1987

Roche Products, Inc.
P.O. Box 452
Manati, P.R. 00701

Sr. Director:

Acompañamos factura por concepto de disposición de desperdicios sólidos en nuestro Vertedero Municipal. 31 viajes a $90.00 por camión $ 2,790.00. Total facturado para el mes de octubre de 1987.

Por los altos costos en operación de nuestro Vertedero solicitamos el pago de su factura lo antes posible.

Certificamos que esta factura esta de acuerdo al registro de entrada del área del Vertedero Municipal de Barceloneta y que aún no hemos recibido el importe total de esta.

Sin otro particular por el momento y en espera de continuar sirviéndoles, nos reiteramos de ustedes.

Muy Cordialmente,

Honorio Saavedra
Director de Finanzas

PO # 46329

HS/zim

NOV 16 1987

11/20/87

" PARA UN BUEN GOBIERNO, UNA BUENA ADMINISTRACION "

Apartado 277 - Barceloneta, Puerto Rico 00617 - Tel. 846-3400 - Ext. 209 - 211

24421

René VIGO Tel 854-3737

NAME	DATE
Roche Products inc.	11-5-1987

ADDRESS: Carretera 670 Manatí P.R.

SOLD BY	CASH	C. O. D.	CHARGE	PAID ON ACCT.	MDSE. RET.	PAID OUT

QUAN.		DESCRIPTION	PRICE	AMOUNT
	1			
	2	Alquiler de dos trucks		
	3			
	4	con chofer para Votar		
	5			
	6	desperdicios Salidos al		
	7			
	8	Vertedero de Barceloneta		
	9			
8hrs CU	10	11-2-87 — 2 trucks		$ 500.00
8hrs CU.	11	11-3-87 - 2 Trucks		$ 500.00
	12			$ 1,000.00
	13	# Orden		
	14	469-09		
	15			
	16			
	17			
	18			
	19			
	20			
	21			
	22			$ 1,000.00

CUSTOMER'S ORDER NO.

RECEIVED BY:

ITEM	DESCRIPTION OF ITEM	REQUESTED BY	NOTIFY	DEPARTMENT	ACCOUNT NUMBER	SUB-ACCOUNT NUMBER	WORK ORDER NUMBER
	60100	F. Garcia	L. Pagan A. Lasnick	Rev.	5690	600-310	

COMPLETE

DATE

SIGN

PROJECT NUMBER	DEPARTMENT NUMBER

VENDOR NO.	CAT.	INIT.	DELIVER TO: BUILDING	FLOOR	ROOM NO.
13691000	NA	ms	501		

ROCHE

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 46329

DATE ISSUED	DATE REQUIRED
10-2-87	See Below

TERMS

☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30

☒ OTHER: See Below

MUNICIPIO DE BARCELONETA
Aptdo. 277
Barceloneta, PR 00617

Att: Hon. Sol Luis Fontanes

OK

SHIP TO: ☒ STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B. See Below

VIA See Below

ITEM	COMMODITY /CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
				WASTE DISPOSAL SERVICE AGREEMENT	
				This document is a Mater Purchase Agreement to cover charges for disposal of digested sludge at the Barceloneta municipal dump waste site.	
				TERMS OF AGREEMENT	
				This agreement will be in effect from October 5, 1987 thru November 6, 1987.	
				CONDITIONS	
				Material to be disposed of complies with the "Junta de Calidad" regulations. Material is non hazardous and non toxic. (See Attached government declaration).	
				COVERAGE AND RENTAL RATES	
				a) Dump truck fee - capacity 15cu/mt per truck x4	$ 90.00/per dump
				b) One traxcavator 955	4000.00/mo
				c) One operator	880.00/mo
				d) Diesel for equipment	847.00/mo
				NOTE: A record of each delivery to the dump site must be kept. Aprox.	$6087.00

Continued on Page 2.....

NOTE: The purchase order number, quantity and contents of the packages must appear on invoices, B/L, packages, packing slips and correspondence. Stencil the lot number on containers when applicable. Indicate final shipment when order is complete.

ROCHE PRODUCTS INC.
Carlos Rodriguez
Purchasing Agent
PURCHASING DEPARTMENT

IMPORTANT INSTRUCTIONS

1. Deliveries will not be accepted after 4:00 P.M. daily.
2. All matters pertaining to an order must be referred to the purchasing dept.
3. This order is subject to all terms and conditions appearing above and on the reverse side hereof, unless Roche Products Inc. is notified in writing to the contrary, immediately upon seller's receipt of this order and prior to shipment.
4. Mail INVOICES IN TRIPLICATE with copy of B/L To: Purchasing Department, P.O. Box 452, Manati, P.R. 00701

ITEM	REQUISITION NO.	REQUESTED BY	NOTIFY	DEPARTMENT	ACCOUNT NUMBER	SUBACCOUNT NUMBER	WORK ORDER NUMBER
	66102 13691000 MA	J. Garcia	Pagan Lesniak	Eng.	5696	600-319	

PROJECT NUMBER	DEPARTMENT NUMBER

DELIVER TO

BUILDING	FLOOR	ROOM NUMBER
501		RS

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 46329

DATE ISSUED	DATE REQUIRED
10-2-87	See Below

TERMS

☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30

☐ OTHER:

MUNICIPIO DE BARCELONETA

Page 2

SHIP TO: ☐ STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B.

VIA

ITEM	COMMODITY CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE

TERMS OF PAYMENT

Dump Truck Fee - N/10 After receipt of invoice by RPI

Traxcavator, operator and diesel - advance payment with order

NOTE: The Municipal Government of Barceloneta will proceed to bury the digested sludge as soon as possible.

NOTE: The purchase order number, quantity and contents of the packages must appear on invoices, B/L, packages, packing slips and correspondence. Stencil the lot number on containers when applicable. Indicate final shipment when order is complete.

ROCHE PRODUCTS INC.
Carlos Rodriguez
Purchasing Agent
PURCHASING DEPARTMENT

IMPORTANT INSTRUCTIONS

1. Deliveries will not be accepted after 4:00 P.M. daily.
2. All matters pertaining to an order must be referred to the purchasing dept.
3. This order is subject to all terms and conditions appearing above and on the reverse side hereof, unless Roche Products Inc. is notified in writing to the contrary, immediately upon seller's receipt of this order and prior to shipment.
4. Mail INVOICES IN TRIPLICATE with copy of B/L To: Purchasing Department, P.O. Box 452, Manati, P.R. 00701

ITEM	REQUISITION NO.	REQUESTED BY	NOTIFY	DEPARTMENT			
	66102	J.Garcia	S [illegible] I [illegible]	Env.	5696	680-319	

COMPLETE
DATE 1/8/88
SIGN [illegible]

PROJECT NUMBER			DEPARTMENT NUMBER		
VENDOR NO.	CAT.	INIT.	DELIVER TO BUILDING	FLOOR	ROOM NO.
13691000	NA	er	501		

ROCHE

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

P.O. CHANGE NOTICE

No. 46329

DATE ISSUED	DATE REQUIRED
12-29-87	

TERMS: ☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30 ☐ OTHER:

ENT'D

MUNICIPIO DE BARCELONETE
APTDO. 277
BARCELONETA, P.R. 00617

Attn: Hon. Sol Luis Fontanez

SHIP TO: ☐ STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B.

VIA

ITEM	COMMODITY /CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
				CHANGE ORDER #1: TO CANCEL DUE TO EXPIRATION DATE OF 11-6-87.	

NOTE: The purchase order number, quantity and contents of the packages must appear on invoices, B/L packages, packing slips and correspondence. Stencil the lot number on containers when applicable. Indicate final shipment when order is complete.

ROCHE PRODUCTS INC.
[signature]
Carlos Rodríguez,
Purchasing Agent
PURCHASING DEPARTMENT

IMPORTANT INSTRUCTIONS

1. Deliveries will not be accepted after 4:00 P.M. daily.
2. All matters pertaining to an order must be referred to the purchasing dept.
3. This order is subject to all terms and conditions appearing above and on the reverse side hereof, unless Roche Products Inc. is notified in writing to the contrary, immediately upon seller's receipt of this order and prior to shipment.
4. Mail INVOICES IN TRIPLICATE with copy of B/L To: Purchasing Department, P.O. Box 452, Manati, P.R. 00701

PURCHASING DEPARTMENT

ROCHE PRODUCTS INC.

REF: LETTER DATED 5/12/86

(APPENDIX A)

It is our pleasure to inform you that the problems with the landfill has been partially solved since Barceloneta has responded since April 28. From that date on our charges for service that had increased will go back to normal.
Taking into consideration that the Manati landfill is still closed, the Arecibo landfill is confronting problems and Barceloneta is not that safe; we are doing research to find solutions for any possible future emergency. We will keep you informed, since any action to be taken must be as a group.

BFI Waste Systems
OF PUERTO RICO INC

BOX 29499
RIO PIEDRAS PUERTO RICO 00929
PHONE 809-795-[illegible]19

BOX 29499
RIO PIEDRAS PUER

INVOICE

418-96942-8	03	88228	06/01/86	039585	1

ACCOUNT NO.	PAGE
88228	06/01/86

418-96942-8 1

NAME

ROCHE PRODUCTS

ROCHE PRODUCTS
P O BOX 452
MANATI PR 00701

X. Alvarado

JUN 1986
RECEIVED
ACCOUNTS PAYABLE
DEPARTMENT

TO INSURE PROPER CREDIT
PLEASE RETURN THIS STUB
WITH YOUR PAYMENT

	DESCRIPTION OF SERVICES	CONTAINER QTY SIZE		AMOUNT	AMOUNT
	ROCHE PRODUCTS	P.O.NO. 039585			
	COMPACTOR 301			435.00	435.00
06/01/86	SERVICE FOR THIS LOCATION			119.00	119.00
04/17/86	PICKUP PER CONTAINER119.00	1	42	119.00	119.00
04/21/86	PICKUP PER CONTAINER119.00	1	42	119.00	119.00
04/25/86	PICKUP PER CONTAINER119.00	1	42	119.00	119.00
04/30/86	PICKUP PER CONTAINER119.00	1	42	119.00	119.00
05/06/86	PICKUP PER CONTAINER119.00	1	42	119.00	119.00
05/13/86	PICKUP PER CONTAINER119.00	1	42	119.00	119.00
04/17/86	INC DUE TO L/F CLOSINGS			119.00	119.00
04/21/86	INC DUE TO L/F CLOSINGS			119.00	119.00
04/25/86	INC DUE TO L/F CLOSINGS			30.00	30.00
05/06/86	BARCELONETA L/F FEE			30.00	30.00
05/13/86	BARCELONETA LF FEE			1,566.00	1,566.00
	SUBTOTAL				

Waste Systems for Today. Plans for Tomorrow

PLEASE PAY LAST AMOUNT IN COLUMN

PLEASE PAY LAST AMOUNT IN COLUMN

TERMS: NET 10 DAYS

PLEASE PAY FROM THIS INVOICE

ITEM NO.	PURCHASE REQUISITION NO.	REQUESTED BY	NOTIFY	DEPARTMENT	ACCOUNT NUMBER	SUB-ACCOUNT NUMBER	CONTRACT NUMBER
2	25890	G. Carrari	R. Bennett R. Brown A. Pérez	502	5697	680-308	Complete Sign Date 12/22/88

PROJECT NUMBER | DEPARTMENT NUMBER

DELIVER TO

BUILDING	FLOOR	ROOM NUMBER
Energy Center 502		

ROCHE PRODUCTS INC.

P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

16489

NUBATTI ENVIRONMENTAL CONTROL INC.
P.O. Box 1192
Caguas, Puerto Rico 00625

TERMS

- [X] Net 30
- [ ] 1/10/30
- [ ] 2/10/30
- [ ] Other

SHIP TO

STATE ROAD #670 KM. 2.7
MANATI, PUERTO RICO 00701

DATE ISSUED	DATE REQUIRED	F.O.B.	VIA	
12/8/88	Done	Jobsite	Contractor	X

ITEM NO.	COMMODITY OR CODE NUMBER	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
1				Cost of emptying and drying waste fuel oil tank	$350.00 L/S
2				Rental of one (1) 10,000 gal. tank truck for temporary fuel storage. Daily rate.....	$100.00

CONFIRMATION

ENTERED

NOTE: The purchase order number, quantity and contents of the packages must appear on invoices, B/L, packages, packing slips and correspondence. Stencil the lot number on containers when applicable. Indicate final shipment when order is complete.

INSTRUCTIONS

1. Deliveries will not be accepted after 4:00 P.M. daily.
2. All matters pertaining to an order must be referred to the purchasing dept.

RP-PUR-05

3. This order is subject to all terms and conditions appearing above and on the reverse side hereof, unless Roche Products Inc. is notified in writing to the contrary, immediately upon seller's receipt of this order and prior to shipment.
4. Mail **INVOICES IN TRIPLICATE** with copy of B/L
   To: Purchasing Department, P.O. Box 452, Manati, P.R. 00701

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT

J. M. López
Purchasing Agent

PURCHASING DEPARTMENT

ROCHE PRODUCTS INC. PURCHASE REQUEST PURCHASING DEPARTMENT

DATE OF REQUISITION	REQUESTED BY	DEPARTMENT
12/1/80	G. CORRERI	UTILITIES
NOTIFY	G. CORRERI	

DELIVER TO

BUILDING	FLOOR	ROOM NO.
502 E.C.		

AUTHORIZED APPROVAL

DATE REQUIRED			
12/3/80			
EXPENSE PURCHASE	ACCOUNT 5697	SUB ACCOUNT 680-308	WORK ORDER NO.
CAPITAL PURCHASE	PROJECT NUMBER	DEPT. CODE	BUDGET NO.

SUGGESTED VENDORS - NAME AND ADDRESS

1. MURATTI ENV. CONTROL INC
2. ATT. Carlo Velez
3.

NOTE: WHEN ORDERING SPARE PARTS PLEASE INDICATE SERIAL AND MODEL NOS. OF EQUIPMENT

№ 25890

Item NO.	COMMODITY OR CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
1	COST OF EMPTYING DRYING WEST FUEL TANK.	1	or	COVER THE COST FOR WEST FUEL OIL TANK EMPTY FROM RESIDUAL MATERIAL AND DRYIED	$ 350.-
2	RENTAL OF ONE 10,000 GAL. TANK TRUCK FOR TEMPORARY FUEL STORAGE			COVER THE COST FOR RENT, ONE 10,000 gls EMPTY AND CLEAN TANK TRUCK, FOR FIVE OR SIX DAYS ABOUT — THE COST FOR EA DAY IS $100.00	?
				DAILY RATE	$ 100.-
				CONFIRMATION	

PURCHASE ORDER	DATE PLACED	DELIVERY DATE	F.O.B.	VIA	TERMS
16489	12/1/80	DONE	JOBSITE	CONTRACTOR	N-30

RP-PUR-01-B DISTRIBUTION: WHITE-PURCHASING, GREEN - NUMERICAL FILE, CANARY - REQUISITIONER FILE

OIL SPILL INVOICE

MURATTI ENVIRONMENTAL CONTROL, INC.

CALLE ZARAGOZA # 12 URB. TERRALINDA CAGUAS, PUERTO RICO 00625
BOX 1192 CAGUAS, PUERTO RICO 00625
OUR OFFICES: CAGUAS, GUAYANILLA & SAN JUAN, P.R.

OUR TELEPHONES: 744-6934 - 8930
835-2270 - 2055
723-6010

DATE: Dic.15,1980

ROCHE PRODUCTS

MANATI,P.R.

INVOICE Nº 0923

PLACE: P.O. 16489

TYPE OF OIL SPILL:

ITEM	QUANTITY	DESCRIPTION	UNIT-PRICE	AMOUNT
.		For cleaning tank	$ 350.00	$ 350.00
2.		10,000 gals. tank rental	500.00	500.00
		Total	----------	$ 850.00

OK

Received By:

12/15/80

Authorized Signature

ROCHE PRODUCTS INC.
MANATI, P. R.

RECEIVING REPORT

VENDOR: DIORATTI

26283

INVOICE OR DELIVERY RECEIPT NO.: 0929

PURCHASE ORDER NO.: 16479

COMPLETE SHIPMENT

PARTIAL DELIVERY

DATE: 12/16/80

MATERIAL CODE:

NUMBER OF Containers	PER CONTAINER QUANTITY	PER CONTAINER U/M	MANUFACTURER'S LOT NUMBER	ROCHE ID NUMBER	DESCRIPTION	TOTAL UNITS
					Item [illegible]	1 EQ.
						1 EQ
					TOTAL	

ROCHE
DEC 18 1980
Purchasing Department

REMARKS

C. CURREVI

DEPARTMENT

RECEIVED BY: Jorge Rodriguez

DELIVER TO

RECEIVED BY: T. Rivera

CENTRAL RECEIVING

RP-PUR-004

DISTRIBUTION:

1-White—Central Receiving 2-Blue—Purchasing 3-Pink—Accounts Payable 4-Green—Production Planning 5-Canary—Quality Control 6-Gold—Quality Assurance

ITEM NO.	PURCHASE REQUISITION NO.	REQUESTED BY	NOTIFY	DEPARTMENT
1	258.1	G. Carreri	A. Perez M. Abruña R. Bennett E. Brown	701

ACCOUNT NUMBER	SUB-ACCOUNT NUMBER	WORK ORDER NUMBER
5697	680 308	

PROJECT NUMBER

DEPARTMENT NUMBER

DELIVER TO

BUILDING	FLOOR	ROOM NUMBER
Waste Treatment		

Complete
Sign mp
Date 11-15-89

ROCHE PRODUCTS INC.

P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

15951

Marutti Environmental Control, Inc.
Firm Delivery
Ponce, Puerto Rico 00731

TERMS

- [x] Net 30
- [ ] 1/10/30
- [ ] 2/10/30
- [ ] Other

SHIP TO

STATE ROAD #670 KM. 2.7
MANATI, PUERTO RICO 00701

DATE ISSUED	DATE REQUIRED	F.O.B.	VIA	
10-21-89	Perfomed	Our Plant	Vendor Car	X

ITEM NO.	COMMODITY OR ITEM NUMBER	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
1				To cover cost of vacuum cleaning Heat Fuel Oil Tank.	$350.00
				Total Value.....	$350.00

NOTE: The purchase order number, quantity and contents of the packages must appear on invoices, B/L, packages, packing slips and correspondence. Stencil the lot number on containers when applicable. Indicate final shipment when order is complete.

INSTRUCTIONS

1. Deliveries will not be accepted after 4:00 P.M. daily.
2. All matters pertaining to an order must be referred to the purchasing dept.

3. This order is subject to all terms and conditions appearing above and on the reverse side hereof, unless Roche Products Inc. is notified in writing to the contrary, immediately upon seller's receipt of this order and prior to shipment.
4. Mail **INVOICES IN TRIPLICATE** with copy of B/L To: Purchasing Department, P.O. Box 452, Manati, P.R. 00701

ROCHE PRODUCTS INC.

Margarita Jusino
PURCHASING DEPARTMENT
Margarita Jusino

RP-PUR-05

PURCHASING DEPARTMENT

ROCHE PRODUCTS INC. PURCHASE REQUEST PURCHASING DEPARTMENT

DATE OF REQUISITION	REQUESTED BY	DEPARTMENT
9/16/80	G. CURRERI	
NOTIFY	G. CURRERI	

DELIVER TO

BUILDING	FLOOR	ROOM NO.
701		

AUTHORIZED APPROVAL

DATE REQUIRED			
10/20/80			
EXPENSE PURCHASE	ACCOUNT 5697	SUB-ACCOUNT 680308	WORK ORDER NO.
CAPITAL PURCHASE	PROJECT NUMBER	DEPT. CODE	BUDGET NO.

SUGGESTED VENDORS—NAME AND ADDRESS

1. CLEAR AMBIENT GRO 1675 001
2. SAN JUAN P.R. 00936 Tel. 788-0905
3. A.M. S. TORRES

NOTE: WHEN ORDERING SPARE PARTS PLEASE INDICATE SERIAL AND MODEL NOS. OF EQUIPMENT

№ 25871

Item NO.	COMMODITY OR CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
1				~~ESTE~~ Est FUEL OIL TANK : EMPTY FROM RESIDUAL MATERIAL AND DRIED	$ 800 350

PURCHASE ORDER	DATE PLACED	DELIVERY DATE	F.O.B.	VIA	TERMS
15951	10/16/80	Perform	our Plant	truck car	N-30

RP-PUR-01-B DISTRIBUTION: WHITE-PURCHASING, GREEN - NUMERICAL FILE, CANARY - REQUISITIONER FILE

TOTAL UNITS

DEPARTMENT

RECEIVED BY

RP-PUR-004

1-White—Central Receiving 2-Blue—Purchasing 3-Pink—Ac

4-Green—Production Planning 5-Canary—Material Control 6-Gold—Quality Assurance

OIL SPILL INVOICE

MURATTI ENVIRONMENTAL CONTROL, INC.

CALLE ZARAGOZA # 12 URB. TERRALINDA CAGUAS, PUERTO RICO 00625
BOX 1192 CAGUAS, PUERTO RICO 00625
OUR OFFICES: CAGUAS, GUAYANILLA & SAN JUAN, P.R.

OUR TELEPHONES: 744-6934 - 8930
835-2270 - 2055
723-6010

DATE: Oct. 22, 1980

Work done on Oct. 21, 1980

Roche Products, Inc.
P.O. Box 452
Manati, Puerto Rico 00701

P.O. 15957 ~~15951~~

INVOICE Nº 0631

PLACE:

TYPE OF OIL SPILL:

ITEM	QUANTITY	DESCRIPTION	UNIT-PRICE	AMOUNT
		Por limpieza de tanque de petroleo y su disposicion en area de la Compañia Muratti en Peñuelas.		$350.00

OK - WORK DONE 11/22/80

11/6/80

Received By

Authorized Signature

ROCHE

ROCHE [illegible]

P.O. BOX 452, MAN[illegible] PUERTO RICO 00701

16489

MURATTI ENVIRONMENTAL CONTROL INC.
P.O. Box 1192
Caguas, Puerto Rico 00625

[illegible]

[X] Net 30 [ ] 1/10/30

[ ] 2/10/30 [ ] Other

DATE ISSUED	DATE REQUIRED	F.O.B.	VIA	
12/9/80	Don	Jobsite	Contractor	X [illegible] ROAD [illegible] KM. 2.7 MANATI, PUERTO RICO 00701

ITEM NO.	COMMODITY OR CODE NUMBER	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
1				Cost of emptying and drying west fuel oil tank	$350.00 L/S
2				Rental of one (1) 10,000 gal. tank truck for temporary fuel storage.	
				Daily rate.....	$100.00
				CONFIRMATION	

NOTE: The purchase order number, quantity and contents of the packages must appear on invoices, B/L, packages, packing slips and correspondence. Stencil the lot number on containers when applicable. Indicate final shipment when order is complete.

INSTRUCTIONS

1. Deliveries will not be accepted after 4:00 P.M. daily.
2. All matters pertaining to an order must be referred to the purchasing dept.

3. This order is subject to all terms and conditions appearing above and on the reverse side hereof, unless Roche Products Inc. is notified in writing to the contrary immediately upon seller's receipt of this order and prior to shipment.
4. Mail INVOICES IN TRIPLICATE with copy of B/L To: Purchasing Department, P.O. Box 452, Manati, P.R. 00701

ROCHE PRODUCTS INC.

[signature]

PURCHASING DEPARTMENT

J. M. Lopez
Purchasing Agent

ORIGINAL

ACKNOWLEDGMENT

OIL SPILL INVOICE

MURATTI ENVIRONMENTAL CONTROL, INC.

CALLE ZARAGOZA # 12 URB. TERRALINDA CAGUAS, PUERTO RICO 00625
BOX 1192 CAGUAS, PUERTO RICO 00625
OUR OFFICES: CAGUAS, GUAYANILLA & SAN JUAN, P.R.

OUR TELEPHONES: 744-8934 - 8930
·· 836-2270 - 2055
723-6010

DATE: JANUARY 09, 1980

SHELL CO.
G.P.O. BOX 2768
SAN JUAN, P.R. 00936

INVOICE Nº 0514

PLACE:

TYPE OF OIL SPILL:

PAID 1-24-80

Paid

ITEM	QUANTITY	DESCRIPTION	UNIT-PRICE	AMOUNT
1.	22,000	SALS DISPOSAL OF CONTAMINATED OIL	$0.10 GAL.	$ 2,200.00
			TOTAL.....	$ 2,200.00

AUTHORIZED SIGNATURE

ACCEPTED BY

OIL SPILL INVOICE

OUR TELEPHONES: 744-8934 • 8930
835-2270 • 2058
723-6010

MURATTI ENVIRONMENTAL CONTROL, INC.

CALLE ZARAGOZA # 12 URB. TERRALINDA CAGUAS, PUERTO RICO 00625
BOX 1192 CAGUAS, PUERTO RICO 00625
OUR OFFICES: CAGUAS, GUAYANILLA & SAN JUAN, P.R.

DATE: 14 de Abril de 1980

Work Done on April 8, 1980

P.O. # 33973

The Shell Co.

INVOICE Nº 0947

PLACE:

TYPE OF OIL SPILL:

ITEM	QUANTITY	DESCRIPTION	UNIT-PRICE	AMOUNT
1-	8 hrs.	Vaccum Truck Service	$ 45.00	$ 360.00
2-	16 hrs.	Labor Specialist	7.00	112.00
			Total -	$ 472.00

Authorized Signature

Received By

OIL SPILL CLEANING DIVISION • TRAFFIC SIGNS ACCORDING TO FEDERAL SPECIFICATIONS

MURATTI ENVIRONMENTAL CONTROL, INC.
CALLE ZARAGOZA #12 • URB. TERRALINDA • CAGUAS, PUERTO RICO 00625
BOX 1192 • CAGUAS, PUERTO RICO 00625 • TELS. 723-6010 • 835-2270
835-2055 • 744-6934 • 744-8930

DAILY REPORT

Shell

* OIL SPILL CLEANING DIVISION

☐ WATER ☐ EARTH

PO#33973

DATE: 4/8/80

		HOURS
1. OIL SPILL CREW:		
A) VACCUM TRUCK	1 Vac. Truck	8
B) DRIVER & ASSISTANT	1 operator	8
C) ~~LIGHT TRUCK "350"~~	1 Helper	8
D) DRIVER & ASSISTANT		
2. SUPERVISOR		
3. BOAT		
4. SKIMMER		
5. EXTRA VACCUM TRUCK		
6. HOSE & FITTINGS		
7. ABSORVENT		
8. VACCUM PUMPS		
9. ROLLER WIPERS		
10. TRUCK ☐ PICK UP ☐ PUMP TRUCK ☐ TRUCK - TANK ☐		
11. BARGE		
12. DIGGER		
13. EXTRA MEN	1 Labor Specialist	8
14. OTHERS:		

Accepted by

Juan J. Rodriguez
MURATTI ENVIRONMENTAL CONTROL, INC.
Oil Spill Cleaning Division - Supervisor

OIL SPILL INVOICE

MURATTI ENVIRONMENTAL CONTROL, INC.

CALLE ZARAGOZA # 12 URB. TERRÁLINDA CAGUAS, PUERTO RICO 00625
BOX 1192 CAGUAS, PUERTO RICO 00625
OUR OFFICES: CAGUAS, GUAYANILLA & SAN JUAN, P.R.

OUR TELEPHONES: 744-8934 - 8930
835-2270 - 2055
723-6010

DATE: Sept. 23, 1980

Work done on Sept. 17, 1980

The Shell Co.
Peñuelas Terminal
Peñuelas, Puerto Rico

P.O. NO. 36693

INVOICE Nº 0887

PLACE:

TYPE OF OIL SPILL:

ITEM	QUANTITY	DESCRIPTION	UNIT-PRICE	AMOUNT
1-	8 hrs.	Vacuum Truck Service	$45.00	$360.00
2-	8 hrs.	Labor Specialist	7.00	$112.00
			Total - - -	$472.00

Received By

Authorized Signature

OIL SPILL CLEANING DIVISION • TRAFFIC SIGNS ACCORDING TO FEDERAL SPECIFICATIONS

MURATTI ENVIRONMENTAL CONTROL, INC.

CALLE ZARAGOZA #12 • URB. TERRALINDA • CAGUAS, PUERTO RICO 00625
BOX 1192 • CAGUAS, PUERTO RICO 00625 • TELS. 723-6010 • 835-2270
835-2055 • 744-6934 • 744-8930

Shell

PO-36693

DAILY REPORT

✱ OIL SPILL CLEANING DIVISION

☐ WATER ☐ EARTH

DATE: Sept. 17, 1980

		HOURS
1. OIL SPILL CREW:		
A) VACCUM TRUCK	1 Vac. Truck	8
B) DRIVER & ASSISTANT	1 Operator	8
C) LIGHT TRUCK "350"	1 Helper	8
D) DRIVER & ASSISTANT		
2. SUPERVISOR		
3. BOAT		
4. SKIMMER		
5. EXTRA VACCUM TRUCK		
6. HOSE & FITTINGS		
7. ABSORVENT		
8. VACCUM PUMPS		
9. ROLLER WIPERS		
10. TRUCK ☐ PICK UP ☐ PUMP TRUCK ☐ TRUCK - TANK ☐		
11. BARGE		
12. DIGGER		
13. EXTRA MEN		
14. OTHERS:		

Accepted by

Juan J. Rodriguez
MURATTI ENVIRONMENTAL CONTROL, INC.
Oil Spill Cleaning Division - Supervisor

OIL SPILL INVOICE

MURATTI ENVIRONMENTAL CONTROL, INC.

CALLE ZARAGOZA # 12 URB. TERRALINDA - CAGUAS, PUERTO RICO 00625
BOX 1152 CAGUAS, PUERTO RICO 00625
OUR OFFICES: CAGUAS, GUAYANILLA & SAN JUAN, P.R.

OUR TELEPHONES: 744-8934 - 8930
855-2270 - 2088
723-6010

DATE: JUNE 26, 1980

WORK DONE ON JUNE 26, 1980

SHELL

P.O.# 36628

PEÑUELAS TERMINAL

PEÑUELAS, P.R.

INVOICE № 0825

PLACE:

TYPE OF OIL SPILL:

ITEM	QUANTITY	DESCRIPTION	UNIT-PRICE	AMOUNT
1.	4 HRS.	VACCUM TRUCK SERVICE	$ 45.00HR.	$ 180.00
2.	4 HRS.	LABOR SPECIALIST	7.00HR.	28.00
			TOTAL	$ 208.00

AUTHORIZED SIGNATURE

RECEIVED BY

OIL SPILL CLEANING DIVISION • TRAFFIC SIGNS ACCORDING TO FEDERAL SPECIFICATIONS

MURATTI ENVIRONMENTAL CONTROL, INC.

CALLE ZARAGOZA #12 • URB. TERRALINDA • CAGUAS, PUERTO RICO 00625
BOX 1192 • CAGUAS, PUERTO RICO 00625 • TELS. 723-6010 • 835-2270
835-2055 • 744-6934 • 744-8930

Shell P.O. 36628

DAILY REPORT

✱ OIL SPILL CLEANING DIVISION

☐ WATER ☐ EARTH

DATE: 6-26-

		HOURS
1. OIL SPILL CREW:		
A) VACCUM TRUCK	1 Ton Truck	4
B) DRIVER & ASSISTANT	1	4
C) LIGHT TRUCK "350"	1	4
D) DRIVER & ASSISTANT		
2. SUPERVISOR		
3. BOAT		
4. SKIMMER		
5. EXTRA VACCUM TRUCK		
6. HOSE & FITTINGS		
7. ABSORVENT		
8. VACCUM PUMPS		
9. ROLLER WIPERS		
10. TRUCK ☐ PICK UP ☐ PUMP TRUCK ☐ TRUCK - TANK ☐		
11. BARGE		
12. DIGGER		
13. EXTRA MEN		
14. OTHERS:		

Accepted by

MURATTI ENVIRONMENTAL CONTROL, INC.
Oil Spill Cleaning Division - Supervisor

ROCHE PRODUCTS INC.

April 4, 1984

Ms. Noemi Toledo, Chief
Environmental Quality Board
Vigilance, Inspection &
Monitoring Section
P.O. Box 11488
Santurce, PR 00910

Dear Ms. Toledo:

Please find attached the corrected Generator and Facility Hazardous Waste Annual Report covering the operation period of 1983.

As requested, we changed the units used for reporting the quantity of wastes from kilograms to metric tons. I checked by telephone conservation with Ms. Damaris Maldonado, the way the quantities were going to be expressed in terms of significative figures. She told me that there were no specific rule on that.

If there is any additional information regarding the above mentioned, please call me at (809) 854-3020, extension 295.

Cordially,

Tomás Alvarado Pérez
Environmental Manager

TAP/spa

Attachment

c: E. Brown
L. Lesniak

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

VIII. FACILITY'S EPA I.D. NO. T/A C

F P R D 0 9 0 5 8 4 1 5 2 1

Date received: _____

Received by: _____

IX. GENERATOR'S EPA I.D. NO.

G

X. GENERATOR NAME (specify generator from whom all w[illegible] on this page were received)

XI. GENERATOR ADDRESS

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste
	1	Acetone Distillation Bottoms	F003	S01	1501.5
	2	Acetone Distillation Bottoms	F003	T04	1107.0
	3	Acetone And Organic Residue	F003	T04	1054.5
	4	Ethanol and Organic Residue	D001 F003	S01	694.0
	5	Ethanol and Organic Residue	D001 F003	T04	2027.0
	6	Ethanol and Organic Residue	D001	S01	182.0
	7	Ethanol and Organic Residue	D001	T04	502.5
	8	Isopropanol and Organic Residue	D001	T04	1243.5
	9	Isopropanol and Organic Residue	D001	S01	1508.5
	10	Methanol and Organic Residue	F003	T04	1041.0
	11	Methanol and Organic Residue	F003	S01	2747.0
	12	Spent Methanol Solution	F003 D001	T04	348

XIII. COMMENTS (enter information by section number—see instructions)

T 0 4 = Biological Treatment (Wastewater Treatment Plant)

Do not make entries in shaded areas

COMMONWEALTH OF PUERTO RICO / OFFICE OF THE GOVERNOR

GENERATOR ANNUAL HAZARDOUS WASTE REP

Environmental Quality Board

This report is for the calendar year ending December 31.

AFFIX LABEL HERE

Please print/type with elite type (12 characters per inch)

GENERAL INSTRUCTIONS: If you received a label attached to the mailing envelope in which was enclosed, affix it in the space provided. If information on the label is incorrect, draw a line and provide the correct information in the appro tion below. If the information is correct and comp Sections I, II, and III below blank. If you did no preprinted label, complete all sections. REFER TO CIFIC INSTRUCTIONS CONTAINED IN THIS BEFORE COMPLETING THIS FORM. The infor quested in this report is required by law (Section Resource Conservation Recovery Act.

I. GENERATOR'S EPA I.D. NUMBER

T/A C

F PPD0905841152 1

II. NAME OF INSTALLATION

Roche Products Inc

III. INSTALLATION MAILING ADDRESS

3 P.O. Box 452

Street or P.O. Box

4 Manati — State: PR — Zip Code: 00701

City or Town

IV. LOCATION OF INSTALLATION (if different than section III above)

5 State Road 670

Street or Route number

6 Manatí — State: PR — Zip Code: 00701

City or Town

V. INSTALLATION CONTACT

2 Alvarado Pérez Tomás

Name (last and first)

809-854-3020

Phone No. (area code & no.)

VI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Edward Brown — President and General Manager — Edward Brown [signature]

Signature of Authorized Representative — Date Signed

ENVIRONMENTAL QUALITY BOARD

Generator Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

Date rec'd: _____ Rec'd by: _____

VII. GENERATOR'S EPA I.D. NO.

G P R D 0 9 0 5 8 4 1 5 2 T/A C 1

VIII. FACILITY NAME (specify facility to which all wastes in this page were shipped)

Chemical Waste Management, Inc.

IX. FACILITY'S EPA I.D. NO.

F A L D 0 0 0 6 2 2 4 6 4

X. FACILITY ADDRESS

P.O. Box 55
Emelle, Alabama 35459

XI. TRANSPORTATION SERVICES USED (List the name and EPA identification numbers of all transporters whose services were used during 1981. This section to be completed only once. Do not repeat on supplemental sheets.)

Centeno Trucking - PRD980526727
Navieras de Puerto Rico - PRD000726810
Sea Rail - ALD077895126
Juan Hernández - PRD090220732

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. Hazard code	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste
	1	Toluene distillation bottoms	0 8	F 0 0 5 U 2 2 0	1 0 4 4 1
	2	Acetone distillation bottoms	0 8	F 0 0 3 U 0 0 2	1 3 7 0 4
	3	Methanol with organic residues	0 8	F 0 0 3 U 1 5 4	3 1 0 5 5
	4	Toluene Still Bottoms	0 8	F 0 0 5 U 2 2 0	1 7 1 3 5
	5	Toluene with organic residue	0 8	F 0 0 5 U 2 2 0	1 4 3 8 1
	6	Toluene Distillation Bottoms	0 8	F 0 0 5 U 2 2 0	1 0 7 3 3
	7	Toluene Distillation Bottoms	0 8	F 0 0 5 U 2 2 0	0 6 2 1 0
	8	Toluene with Organic Residue	0 8	F 0 0 5 U 2 2 0	0 1 4 6 9
	9	O-Xylene Still Bottoms	0 8	F 0 0 5 U 2 3 9	0 1 1 0 8
	10				
	11				
	12				

XIII. COMMENTS (enter information by section number—see instructions)

COMMONWEALTH OF PUERTO RICO / OFFICE OF THE GOVERNOR

FACILITY ANNUAL HAZARDOUS WASTE REPORT

Environmental Quality Board

This report is for the calendar year ending December 31.

AFFIX LABEL HERE

Please print/type with elite type (12 characters per inch)

GENERAL INSTRUCTIONS: If you received a preprinted label attached to the mailing envelope in which this form was enclosed, affix it in the space provided. If any of the information on the label is incorrect, draw a line through it and provide the correct information in the appropriate section below. If the information is correct and complete, leave Sections I, II, and III below blank. If you did not receive a preprinted label, complete all sections. REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM: The information requested in this report is required by law (Section 3004 of the Resource Conservation Recovery Act).

I. FACILITY EPA I.D. NUMBER

T/A C

F P R D 0 9 0 5 8 4 1 5 2 1

1 2 13 14 15

II. NAME OF FACILITY

Roche Products Inc

30 69

III. FACILITY MAILING ADDRESS

3 P O Box 452

15 16 45

Street or P O Box

4 Manatí | P R | 0 0 7 0 1

15 16 41 42 47 51

City or Town State Zip Code

IV. LOCATION OF FACILITY (if different than section III above)

5 State Road 670

15 16 45

Street or Route number

6 Manatí | P R | 0 0 7 0 1

15 16 41 42 47 51

City or Town State Zip Code

V. FACILITY CONTACT

2 Alvarado Pérez Tomás

15 16 45

Name (last and first)

809 854 3020

46 55

Phone No. (area code & no.)

VI. COST ESTIMATES FOR FACILITIES

$ 256,600 $

16 19 22 25 28 31

Cost Estimate for Facility Closure

Cost Estimate for Post Closure Monitoring and Maintenance (depicted facilities only)

VII. CERTIFICATION

[illegible] that I have personally examined and am familiar with the information submitted in this and all attached [illegible] and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the [illegible] is true, accurate and complete. I am aware that there are significant penalties for submitting false information [illegible] and imprisonment.

Edward Brown President & General Manager Edward Brown

[illegible] Authorized Representative [illegible]

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

Date received: _____

Received by: _____

VIII. FACILITY'S EPA I.D. NO. TAC

F P R D 0 9 0 5 8 4 1 5 2 1 1

IX. GENERATOR'S EPA I.D. NO.

G P R D 0 9 0 5 8 4 1 5 2

X. GENERATOR NAME (specify generator name whom all or on this page were received)

XI. GENERATOR ADDRESS
Roche Products Inc.
P.O. Box 452
Manatí, PR 00701

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste
	1	Acetone Solution	F003 U002	T67	00.987
	2	Corrosive spent acid solution; Mixture of Acetic Acid and HCl	D002 D001	T67	00.219
	3	Corrosive spent acid solution; Mixture of Acetic Acid and HCl	D002	S01	00.657
	4	Toluene Distillation Bottoms	F005 U220	T67	03.969
	5	Toluene Distillation Bottoms	F005 U220	S01	00.181
	6	Acetone Distillation Bottoms	F003 U002	T67	10.031
	7	Acetone Distillation Bottoms	F003 U002	S01	00.990
	8	Distilled Acetic Acid	D002 D001	T67	16.595
	9	Methanol with Organic Residues	F003 U154	T67	08.580
	10	Ignitable spent solvents; Ethanol and Acetone Mixture	D001 F003 U002	T67	03.289
	11	Ignitable spent solvents; Ethanol and Acetone Mixture	D001 F003 U002	S01	01.814
	12	Acetone Distillation Bottoms	F003 U002	T67	01.151

XIII. COMMENTS (enter information by section number—see instructions)

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

Date received: _____

Received by: _____

VIII. FACILITY'S EPA I.D. NO. TAC

F P R D 0 9 0 5 8 4 1 5 2 1 1

1 2 13 14 15

IX. GENERATOR'S EPA I.D. NO.

G P R D 0 9 0 5 8 4 1 5 2

16 25

X. GENERATOR NAME (specify generator from whom all waste on this page were received)

XI. GENERATOR ADDRESS

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste
29 32	1	Acetone with Organic Residues	F 0 0 3 U 0 0 2 (33 36 37 40)	T 6 7	0 0 . 6 5 8
	2	Acetone with Organic Residues	F 0 0 3 U 0 0 2	T 6 7	0 0 . 4 9 4
	3	Methylene Chloride Still Bottoms	F 0 0 2 U 0 8 0	T 6 7	0 0 . 5 4 5
	4	Methylene Chloride Still Bottoms	F 0 0 2 U 0 8 0	S 0 1	0 2 . 4 5 8
	5	Toluene Still Bottoms	F 0 0 5 U 2 2 0	T 6 7	0 2 . 3 4 5
	6	Toluene Still Bottoms	F 0 0 5 U 2 2 0	S 0 1	0 1 . 9 8 8
	7	Toluene Still Bottoms	F 0 0 5 U 2 2 0	T 6 7	0 4 . 5 1 0
	8	Toluene Still Bottoms	F 0 0 2 U 2 2 0	S 0 1	0 0 . 7 2 3
	9	Methylene Chloride Distillate	F 0 0 2 U 0 8 0	S 0 1	0 0 . 2 7 3
	10	Ignitable Spent Solvent Solution Isopropanol & Methanol Mixture	D 0 0 1 F 0 0 3 U 1 5 4	T 6 7	0 9 . 0 7 5
	11	Isopropanol with Organic Residues	D 0 0 1	T 6 7	0 1 . 3 0 7
	12	Isopropanol with Organic Residues	D 0 0 1	S 0 1	0 0 . 1 6 3

XIII. COMMENTS (enter information by section number—see instructions)

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

VIII. FACILITY'S EPA I.D. NO.

T.A.C

F	P	R	D	0	9	0	1	5	8	4	1	5	2		
1	2											13	14	15	

Date received: _____

Received by: _____

IX. GENERATOR'S EPA I.D. NO.

C	P	R	D	0	9	0	1	5	8	4	1	5	2
16													28

X. GENERATOR NAME (Name of generator from whom shipment was received)

XI. GENERATOR ADDRESS

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste
	1	Acetone with Organic Residues	F 0 0 3 U 0 0 2	T 6 7	0 0 4 9 3
	2	Corrosive spent solution; Acetic Acid & Hydrochloric Acid	D 0 0 2 D 0 0 1	T 6 7	0 2 6 2 0
	3	Corrosive spent solution; Acetic Acid & Hydrochloric Acid	D 0 0 2 D 0 0 1	S 0 1	0 0 8 7 6
	4	Toluene Distillation Bottoms	F 0 0 5 U 2 2 0	T 6 7	0 2 1 6 4
	5	Toluene Distillation Bottoms	F 0 0 5 U 2 2 0	S 0 1	0 2 1 7 1
	6	Aqueous Nitric Acid	D 0 0 2	T 6 7	0 0 2 0 7
	7	Toluene Distillation Bottoms	F 0 0 5 U 2 2 0	T 6 7	0 0 9 0 2
	8	Toluene Distillation Bottoms	F 0 0 5 U 2 2 0	S 0 1	0 0 1 8 1
	9	Methylene Chloride & Toluene Distillate	F 0 0 2 F 0 0 5 U 0 8 0 U 2 2 0	S 0 1	0 0 2 7 3
	10	Ethanol with Organic Residue	D 0 0 1	T 6 7	0 0 3 2 9
	11	Acetic acid acetone and Per-chloro ethylene mixture	D 0 0 1 F 0 0 3	S 0 1	0 0 5 5 2
	12	O-Xylene Still Bottoms	F 0 0 3 U 2 3 9	S 0 1	0 0 3 6 9

XIII. COMMENTS (enter information by section number—see instructions)

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31

VIII. FACILITY'S EPA I.D. NO.

1	2											13	14	15
F	P	R	D	0	9	0	5	8	4	3	5	2		

Date received: _____

Received by: _____

IX. GENERATOR'S EPA I.D. NO.

16											28
C	P	R	D	0	9	0	5	8	4	1	5	2	

X. GENERATOR NAME

XI. GENERATOR ADDRESS

XII. WASTE IDENTIFICATION

Sequence No.	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	
1	Ignitable spent solvent waste Toluene, Methanol, Isopropanol, Acetone, Ethanol mixture	F 0 0 5 F 0 0 3 D 2 2 0 U 1 5 4	S 0 1	0 0 . 1 6 5	M
2	Ignitable spent solvent waste Toluene, Methanol, Isopropanol, Acetone, Ethanol mixture	F 0 0 5 F 0 0 3 U 2 2 0 U 1 5 4	T 6 7	0 0 . 1 6 5	M
3	Corrosive acid mixture; Acetic & Hydrochloric Acid	D 0 0 2 D 0 0 1	S 0 1	0 0 . 8 2 9	M
4	Acetone with Organic Residue	F 0 0 3 U 0 0 2	S 0 1	0 0 . 1 6 4	M
5	Toluene with Organic Residues	F 0 0 5 U 2 2 0	T 6 7	0 0 . 9 0 5	M
6	Toluene with Organic Residues	F 0 0 5 U 2 2 0	S 0 1	0 3 . 0 7 6	M
7	Spent Methanol and Hydrochloric Acid Mixture	F 0 0 3 D 0 0 2 U 1 5 4	T 6 7	0 1 . 1 5 8	M
8	Toluene with Organic Residues	F 0 0 5 U 2 2 0	T 6 7	0 1 . 0 7 6	M
9	Toluene with Organic Residues	F 0 0 5 U 2 2 0	S 0 1	0 0 . 5 4 1	M
10	Ignitable Spent Solvent solution Isopropanol and water	D 0 0 1	T 6 7	0 2 . 1 2 3	M
11	Methanol with organic residues	F 0 0 3 U 1 5 4	T 6 7	0 0 . 4 9 4	M
12	Corrosive spent Hydrochloric Acid Solution	D 0 0 2	T 6 7	0 0 . 2 0 8	M

XIII. COMMENTS (enter information by section number—see instructions)

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

VIII. FACILITY'S EPA I.D. NO.

F	P	R	D	0	9	0	5	8	4	1	5	2		
1	2											13	14	15

Date received: _____

Received by: _____

IX. GENERATOR'S EPA I.D. NO.

G	P	R	D	D	9	0	5	8	4	1	5	2
16												25

X. GENERATOR NAME (operator, generator from whom all wastes on this page were received)

XI. GENERATOR ADDRESS

XII. WASTE IDENTIFICATION

Sequence No.	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	
1	Methanol and water mixture	F 0 0 3 U 1 5 4	T 6 7	0 1 . 4 8 5	M
2	Spent Solvent Solution; Isopropanol and Methanol mixture	D 0 0 1 F 0 0 3 U 1 5 4	T 6 7	0 8 . 5 2 3	M
3	Hydrochloric acid solution	D 0 0 2	S 0 1	0 0 . 2 0 8	M
4	Ignitable spent solvent solution Isopropanol & Ethanol Mixture	D 0 0 1	T 6 7	0 1 . 9 6 6	M
5	Corrosive spent lab reagents; Sulfuric, Mercury Silver & Chrom.	D 0 0 2 D 0 0 7 D 0 0 9 D 0 1 1	S 0 1	0 0 . 2 4 3	M
6	Ignitable spent solvent solution Ethanol, Isopropanol & Toluene	D 0 0 1 F 0 0 5 U 2 2 0	T 6 7	0 0 . 1 6 4	M
7	Corrosive spent acid solution Acetic & Hydrochloric acid mix.	D 0 0 2	T 6 7	0 1 . 1 6 6	M
8	Methylene Chloride with water	F 0 0 2 D 0 0 8 U 1 5 4	T 6 7	0 7 . 6 8 5	M
9	Ignitable spent solvent solution Methanol, Ethanol mixture	F 0 0 3 D 0 0 1	T 6 7	0 2 . 4 7 4	M
10	Toluene with Organic Residues	F 0 0 5	S 0 1	0 0 . 2 0 7	M
11	Ignitable Spent Solvent, Isopropanol, Methanol & Ethanol	D 0 0 1 F 0 0 3 U 1 5 4	T 6 7	0 1 . 3 0 7	M
12	Aqueous Ammonia	D 0 0 2	T 6 7	0 3 . 1 0 9	M

XIII. COMMENTS (enter information by section number—see instructions)

ATTACHMENT G

RCRA Facility Assessment Report

INTERIM RCRA FACILITY ASSESSMENT REPORT
ROCHE PRODUCTS, INCORPORATED
MANATI, PUERTO RICO
EPA I.D. No. PRD 090584152

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INTERIM RCRA FACILITY ASSESSMENT REPORT
ROCHE PRODUCTS, INCORPORATED
MANATI, PUERTO RICO
EPA I.D. No. PRD 090584152

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EXECUTIVE SUMMARY

Roche is a company specializing in the manufacture and packaging of pharmaceutical products.

A total of thirteen solid waste management units (SWMUs) were identified during the Preliminary Review and Visual Site Inspection (PR/VSI) which was conducted in November, 1988. Of these units the following were found to have a potential for release of hazardous constituents: the Lithium Bromide Storage Area (SWMU 4); the Empty Caustic Drum Storage Area (SWMU 7); and the Sinkholes (SWMU 9).

The Roche facility has four sinkholes located on the property which are natural depressions in the topography. These sinkholes receive all surface water drainage from the facility (and some off-site sources) via a series of earthen and concrete drainage ditches. During the PR/VSI, it was determined that since these units have the potential to receive hazardous constituents, there is a high potential for release to soil and groundwater.

The facility operates a Wastewater Treatment System (WWTS) consisting of several components some of which are concrete basins. Roche has requested an exemption from permitting for

the WWTS based on the 40 CFR exemption for wastewater treatment in tanks. Roche maintains that the concrete basins meet the definition of a tank. EPA and the Puerto Rico Environmental Quality Board (EQB) disagree with Roche, however, the controversy is on-going. The integrity of the concrete components of the WWTS could not be determined during the PR/VSI and therefore, the potential for release of hazardous constituents could not be determined.

A sampling strategy was prepared and is included with this report as Attachment A - Sampling Plan. A Sampling Visit (SV) was conducted at the Roche facility on March 18, 1989 in which twenty-one samples including water, soil and sediment were collected in order to determine if releases had occurred. The analytical data resulting from the SV were not available by completion of this report.

1.0 PRELIMINARY REVIEW/VISUAL SITE INSPECTION

1.1 Introduction

This section presents the results of the Preliminary Review (PR) and Visual Site Inspection (VSI) portions of the RCRA Facility Assessment (RFA) of the Roche Products Inc. (Roche) facility located in Manati, Puerto Rico.

Roche is a Pharmaceutical Company which manufactures Dalmane and Librium capsules and Librox, Valium, Limbritol and Enclep tablets. It is classified as a Treatment, Storage and Disposal (TSD) facility and operates two RCRA-regulated units, a Hazardous Waste Container Storage Area (SWMU 6) and a Wastewater Treatment System (WWTS) (SWMU 1). The WWTS treats wastewater generated in the chemical synthesis process. This wastewater contains acetones, alcohols, and toluene residues. Hazardous wastes stored in the Hazardous Waste Container Storage area include laboratory waste, toluene, dimethyl sulfate, acetyl chloride, and xylene (1, 5).

The objectives of this PR/VSI include:

1. Identifying all past and present solid waste management units (SWMUs) and other areas of concern (AOCs) at the Roche Products facility.

2. Collecting SWMU-related information from a review of the available file material; performance of a visual site inspection, and an evaluation of these data to assess the potential for release of hazardous waste or constituents from each SWMU.

3. Identifying the need for further actions. The findings, conclusions, and suggested further actions in this report are based on:

   a. A desk-top study of the RCRA permitting (including Part A permit application), compliance, and enforcement files; compliance inspection reports; correspondence; and closure plans pertaining to this facility obtained from EPA Region II and the Puerto Rico Environmental Quality Board (EQB). A list of references used in the preparation of this report is provided in Section 1.7.

   b. A visual site inspection (VSI) of the facility performed on November 17, 1988. Findings of the VSI are presented in Section 1.8.

Section 1.2 of this report presents a general description of the facility including waste management activities and compliance history. The environmental setting for the facility is described in Section 1.3. A description of the SWMUs, AOCs, and a summary of the conclusions and suggested further actions are presented in Sections 1.4, 1.5 and 1.6, respectively.

1.2 Facility and Process Description

The Roche Products facility is located approximately 3.5 kilometers east of the town of Manati, Puerto Rico in an industrially zoned area (Figure 1-1) (20). The geographical location is latitude 18 degrees, 26 minutes, 34 seconds and longitude 66 degrees, 28 minutes, 56 seconds. The facility covers an area of 98.8 acres and is surrounded by agricultural and residential properties (20).

The Roche facility is primarily involved in the manufacture of pharmaceutical products through organic synthesis. It also formulates and packages the products on-site (11, 17, 20). Two processes are utilized in the manufacture of the pharmaceutical products. Chemical synthesis of Chlordiazepoide, Amitriptiline, Flurazepam, Diazepam, and Clinidium Bromide is conducted as well as the production of capsules and tablets such as Dalmane, Librium, Librax, Valium, Limbritol and Endep (1). These two processes generate the following hazardous wastes: toluene still bottoms (F003); clean solvent solution (F003) - (56 percent isopropanol, 45 percent methanol), ignitable spent solvent solution (D001) - (isopropanol and methanol); solvent solution with organic residues (D001) - (37 percent isopropanol); distilled acetic acid (D002); aminol residues (D001) - (3.5 percent methanol); ethanol residues (D001) - (61 percent

Mexico
Puerto Rico
Central America

LOCATION OF ROCHE PRODUCTS, INCORPORATED

MANATI, PUERTO RICO

FIGURE 1-1 FACILITY LOCATION MAP

ethanol); isopropyl alcohol with organic residues (D001); o-xylene still bottoms (F003); toluene mather liquors (F003) - (95 percent toluene, 5 percent residue), manufacturing and QA/QC laboratory wastes (F003, F005) (1).

These waste are either treated in the WWTS (SWMU 1) or stored in the Hazardous Waste Container Storage Area (SWMU 6). Some of these wastes may be stored in Satellite Drum Storage Areas (SWMU 13) temporarily (less than 90 days) prior to storage in the Hazardous Waste Container Storage Area or prior to off-site disposal or resale.

On November 15, 1980 the Roche facility submitted its first Part A permit application and listed the following hazardous wastes: F003; F005; F002; D001; D002. The unit of measurement of the waste was in pounds and the only RCRA-regulated unit listed was the Hazardous Waste Container Storage area (SWMU 6). Pan American Trade and Investment Company was reported as the facility's legal owner at the time of the application.

According to Reference 1 (Summary of Findings), the facility submitted an amended Part A permit application on June 3, 1981, due to changes in the quantity of hazardous waste generated. The unit of measurement of the wastes was

changed from pounds to tons. Three RCRA-regulated units were included: a hazardous waste container storage area (SWMU 6), an incinerator to treat F003 and F005 hazardous wastes, and a wastewater treatment system (SWMU 1) to treat wastewater containing alcohols, acetones and some toluene. The following hazardous wastes were listed in the amended application: F003, F005, F002, and D002 (1).

On June 7, 1983, the facility submitted another amended Part A permit application. The unit of measurement was changed from tons back to pounds. In this Part A application, the facility reported that the legal owners of the site were Roche Products Inc. and not Pan American Trade and Investment Company which was previously reported. The EPA I.D. number was also changed as it had been erroneously reported on previous submittals (11).

Also, in the 1983 amendment, one RCRA-regulated unit was listed, the hazardous waste container storage area (SWMU 6). The incinerator and the wastewater treatment system listed previously were not included (1). The facility provided no explanation regarding why these RCRA-regulated units were removed from the Part A application. The following hazardous wastes were listed on this amended application: F002; F003; F005; and D001.

According to Reference 1 (Summary of Findings), the company submitted its last amended Part A permit application on March 26, 1984. In this revision, the unit of measurement of the hazardous wastes was changed from pounds to kilograms due to changes in the processes that reduced the quantity of wastes generated. The application listed the two RCRA-regulated units actually in use, the hazardous waste container storage area (SWMU 6) and the wastewater treatment system (SWMU 1). The following hazardous wastes were reported: F002; F003; F005; and D001 (1, 17).

On November 30, 1987, Roche submitted a RCRA Part B permit application for the hazardous waste container storage area (SWMU 6). The unit consists of a metal warehouse-type building (identified as Building 706) with a concrete floor and curbing containment. The unit has a capacity for 352 fifty-five-gallon drums in an area of 5,400 square feet. At this time, Roche requested an exemption of the WWTS (SWMU 1) from permitting based on 40 CFR Parts 264 and 265 which exempt wastewater treatment tanks. Roche maintains that the WWTS basins meet the definition of tanks and should be exempted from permitting requirements. EPA has determined that the WWTS units do not meet the definition of tanks, however, the controversy is on-going (7).

On January 22, 1988 the Part B permit application was evaluated administratively and found to be complete in accordance with the EPA Part B Checklist. In June 1988, the Part B was evaluated technically and found to be incomplete (1). There is no further information available regarding the status of this permit application.

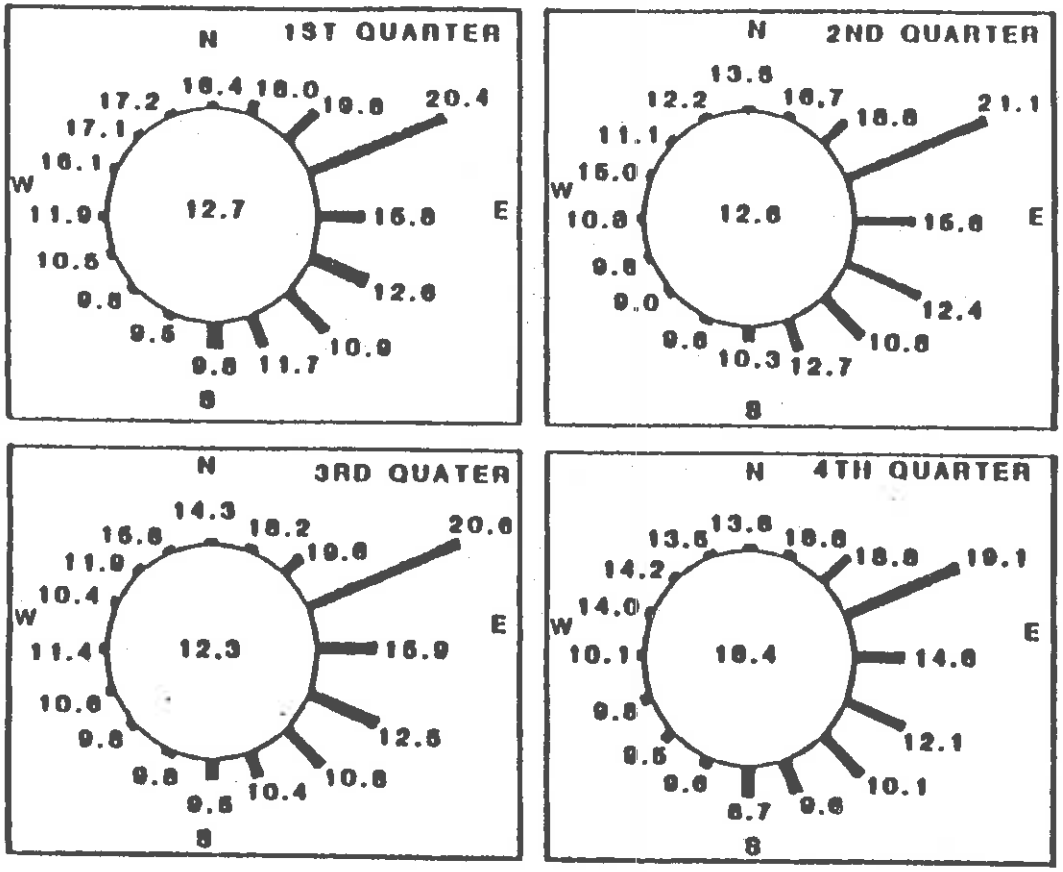
1.3 Environmental Setting

1.3.1 Meteorology

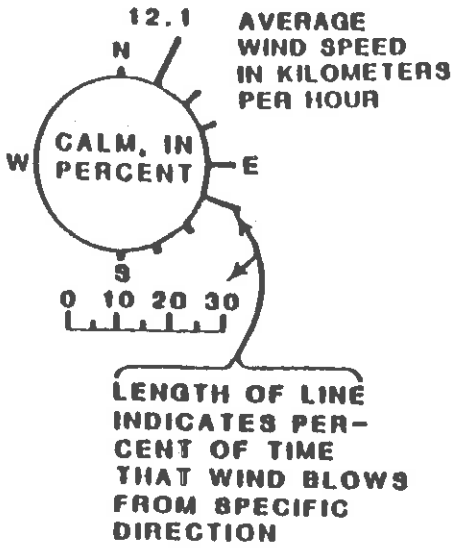
Puerto Rico's climate is governed by two primary meteorological forces, easterly winds and cold fronts. Trade winds are dominant carrying these disturbances which blow constantly from the northeast. The impact of these winds is largely a function of topography (20).

According to Reference 20 (Part B permit application), the Roche Products facility is located within the north coast division of the island of Puerto Rico (as classified by the National Weather Service). This division is characteristic of mostly flat-coastal land exposed to the tradewinds which blow almost continuously from the northeast. Figure 1.2 depicts the average wind rose by quarters at Isla Verde International Airport located near San Juan, Puerto Rico (20).

Easterly winds carry moisture-laden air from northeast of the island. The air moves inland, and rises into the mountains where it cools. The moisture then condenses, and a shower results. Easterly winds, which result in weather conditions



EXPLANATION



REFERENCE: (20)

AVERAGE WIND ROSES BY QUARTER AT ISLA VERDE INTERNATIONAL AIRPORT
(Mean Period From 1955 - 1974)
(U.S.G.S. Report No. 83-4199)

Roche Products, Inc.
Manati, Puerto Rico

varying from brief cloudiness to several days of rain, are the dominant weather force from May to November. The island's occasional tropical storms, flooding rains, and hurricanes are also associated with easterly winds (20).

The southern edge of cold fronts moving over the southeastern United States pass over the island. These fronts are an important meteorological force from November to April and may bring several days of continuous rainfall to parts of Puerto Rico. The northwest corner of the island is more greatly affected by these fronts than other parts of the island (20).

Puerto Rico is located within the great Northern Equatorial Current Gyre. This current is actually split by the Lesser Antilles to the Northern Branch (Antille's current) passes north of the island and the Caribbean Current passes to the south lee side of the island. Evaporation from these warm currents provides moisture for the showers which occasionally bring relief to the Guayanilla environs. The topography controls not only the rain deposition, but results in substantial drying of the southern slopes. The average annual rainfall in the area of Roche is 65 inches per year. Flat-pan evaporation is 80 inches per year (20).

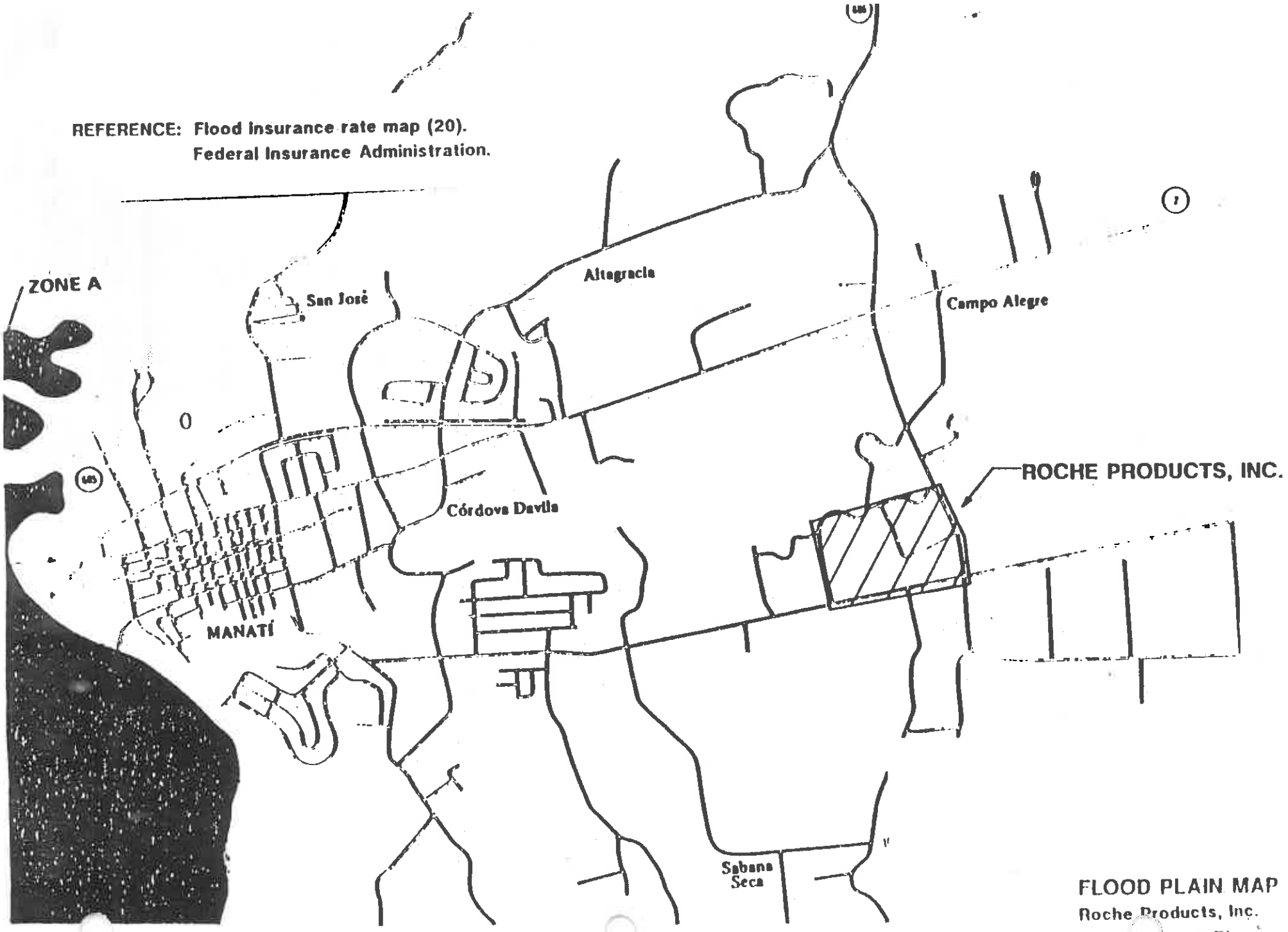
1.3.2 Floodplain and Surface Water

According to the Flood Insurance Rate Map of the Federal Insurance Administration (FIA), August, 1978, the Roche Products facility is located in an area of minimal flooding occurrence "Zone C" as depicted in Figure 1-3.

There are no surface water streams within 1,000 feet of the facility boundaries. Surface runoff water is disposed by means of diversion into on-site sinkholes (SWMU 9). However, according to facility representatives, all water runoff areas where potential contamination exists are segregated and diverted to the waste treatment facilities. About three kilometers to the north and east of the project site lies the Tortuquero Lagoon, the largest natural freshwater lake in Puerto Rico (20, 22).

1.3.3 Geology and Soils

According to Reference 20, which is summarized from the U.S Geological Survey (USGS) Quadrangle for Manati, Puerto Rico, there are two rock types which outcrop on the Roche property. The two rock types include clay blanket deposits and tertiary Aymamon limestone.


REFERENCE: Flood insurance rate map (20).
Federal Insurance Administration.
ZONE A
San José
Altagracia
Campo Alegre
Córdova Davila
ROCHE PRODUCTS, INC.
MANATÍ
Sabana Seca
FLOOD PLAIN MAP
Roche Products, Inc.
Manat uerto Rico

The clay deposits are composed of semi-consolidated ferruginous sandy clays of Quaternary Age, found between ridges of limestone. The local underground relief of the limestone dictates the thickness of the deposits. According to the reference, the clay deposits within the property are fairly thin near the limestone ridges, increasing in a southeasterly direction, towards the intersection between Roads PR670 and PR686. Here they may exceed 50 feet in thickness (22).

According to the reference, the Aymamon limestone can be divided into three layers. The lower layer made up of finely chystalline limestone is more compact and stratified than the two other overlying units and has a thickness of some 230 feet. The middle layer is composed of a nearly pure, less regularly bedded highly porous limestone. The uppermost layer is a dense tightly cemented limestone. The limestone cropping out in the hills at the Roche property as well as the limestone underlying the blanket deposits seems to be composed of the middle layer highly porous Aymamon limestone (20).

The Aymamon limestone described as the middle layer, is soft and chalky; however, weathered surfaces tend to harden and commonly are honeycombed by solution channels causing this layer to exhibit karst topography (20).

According to Reference 20, which is summarized from a soil survey by the U.S. Soil Conservation Service, the five types of soil underlying the Roche property have been grouped into the Bayamon and Tanama Series (20).

The Bayamon soil is characterized by moderate slopes (2-12 percent) and extend deeper than 60 inches. The soil is a deep-red color, somewhat acidic, consisting of loose friable sandy loam and clay in the upper few inches (up to 1 foot). The layer beneath this is a purplish-red heavier acidic sandy subsoil that becomes lighter in texture and more friable at a depth of about 2 feet. This layer continues downward to a limestone layer, characteristic of the Aymamon limestone, which in places lies at depths greater than 20 feet. The Bayamon series soil has a rapid permeability resulting in low available water and fertility (20).

The Tanama series soil is shallow, 4 to 8 inches thick, and composed of reddish-yellow or reddish-brown clay and clay loam. It has a subsoil of reddish-yellow or brick red colored clay grading that extends into limestone rock at a depth ranging from 8 to 30 inches. In some shallow areas, the soil is well drained, slightly acid, fine textured and strongly

sloping with moderate permeability and erosion. In general, this soil has a high available water capacity, is somewhat difficult to work when wet, and has moderate fertility (20).

1.3.4 Groundwater

According to Reference 20, which summarizes the findings of a study conducted by the USGS Water Resources Division, there is a water-bearing zone known as the Aymamon Aquifer which is virtually a continuous water table aquifer formed by the middle layer of the Aymamon Limestone and the overlying clay blanket deposits. This portion of rock and sediments beneath the site is probably some 300 feet thick (20).

It is believed that this aquifer will respond to any change in the rate or pattern of withdrawal by a shift in the position of the interface between freshwater and sea water. Present water use of the Aymamon Aquifer is approximately one-half cubic foot per second per mile or aquifer parallel to the coast which does not exceed the limit calculated that may alter the present equilibrium of the aquifer (20).

Two water wells were drilled at Roche as water supplies for the site. Both wells have a pump installed at a depth of 400 foot ~~depth~~ and are capable of supplying the projected future peak rate with no detrimental effect on the regional Ayamon Aquifer (22).

1.3.5 Receptor Information

The manufacturing operations at Roche are located to the north of State Road No. 670 at the intersection of Road 686. The town of Manati and the River Rio Grande de Manati are located about 3.5 kilometers east of the site (22).

The facility is located in an area zoned as "industrial", "IL-2" by the local Planning Board. Other major industries located within a one-mile radius are Schering Corporation, American Cyanamid Company, and Davis & Geck, Inc. The surroundings of the plant are dedicated to agricultural and residential purposes.

The following discusses the potential for those receptors most likely to be impacted by operations at the facility.

Air

Based on the characteristic of the waste management practices, air currents in the area, and the industrial surroundings, those receptors most likely to be impacted or effected by air releases are workers at the facility.

Surface Water

Based on the characteristics of the wastes generated, waste management practices, and the environmental setting for the facility, the receptors most likely to be impacted or effected by releases to surface water is the Tortuquero Lagoon, a natural fresh-water lake located 3.0 kilometers to the north and east of the facility. This receptor could receive contaminated run-off water via natural drainage channels or via groundwater movement. The impact, if any, is believed to be moderate to low, based on the dilute nature of the wastes in run-off water and the distance between the facility and the lake.

Soil/Groundwater

Based on the characteristics of the waste generated, waste management practices, and the environmental setting at the facility, those receptors most likely to be impacted by releases to soil/groundwater are the local residents and workers which are currently using the Aymamon aquifer for water consumption. Although the aquifer lies at a depth of 400 - 2,000 feet below the surface, the characteristic sinkholes and well-drained soils associated with the regional geology provide an excellent conduit for hazardous constituents which may contact the ground surface.

Subsurface Gas

Based on the characteristics of the waste generated, the environmental setting, and the unknown integrity of some units, those receptors most likely to be impacted or effected by subsurface gas generation are any workers which may be involved in subsurface activities associated with construction or repair operations.

1.3.6 Release Pathways

Air

Overall, the potential for release of hazardous constituents to air is low, based on the enclosed nature of many of the units, and/or the dilute nature of wastes managed at these units.

Surface Water

Overall, the potential for releases of hazardous constituents to surface water is low, based on the release controls, enclosed nature of units, and the proximity of the units to surface water. However, there is a moderate to high potential for release of hazardous constituents to surface water from the Sinkholes (SWMU 9) located on the property, based on the unknown quality of surface run-off water which they collect and which also drains into natural drainage swales. Because of the karst topography at the site, migration of hazardous constituents which may contact the soil surface (i.e., sinkholes) is possible. Groundwater discharge to the Tortuquero Lagoon is then feasible.

Soil/Groundwater

For those units which are located above-ground, are enclosed or indoor, and/or have secondary containment, the potential for release to soil/groundwater is low. As mentioned above, there is a moderate to high potential for release of hazardous constituents from the Sinkholes (SWMU 9) and other run-off pathways, based on the karst topography underlying the site. Migration of hazardous constituents which may contact the soil surface is possible via sinkholes and the well-drained soil on the site.

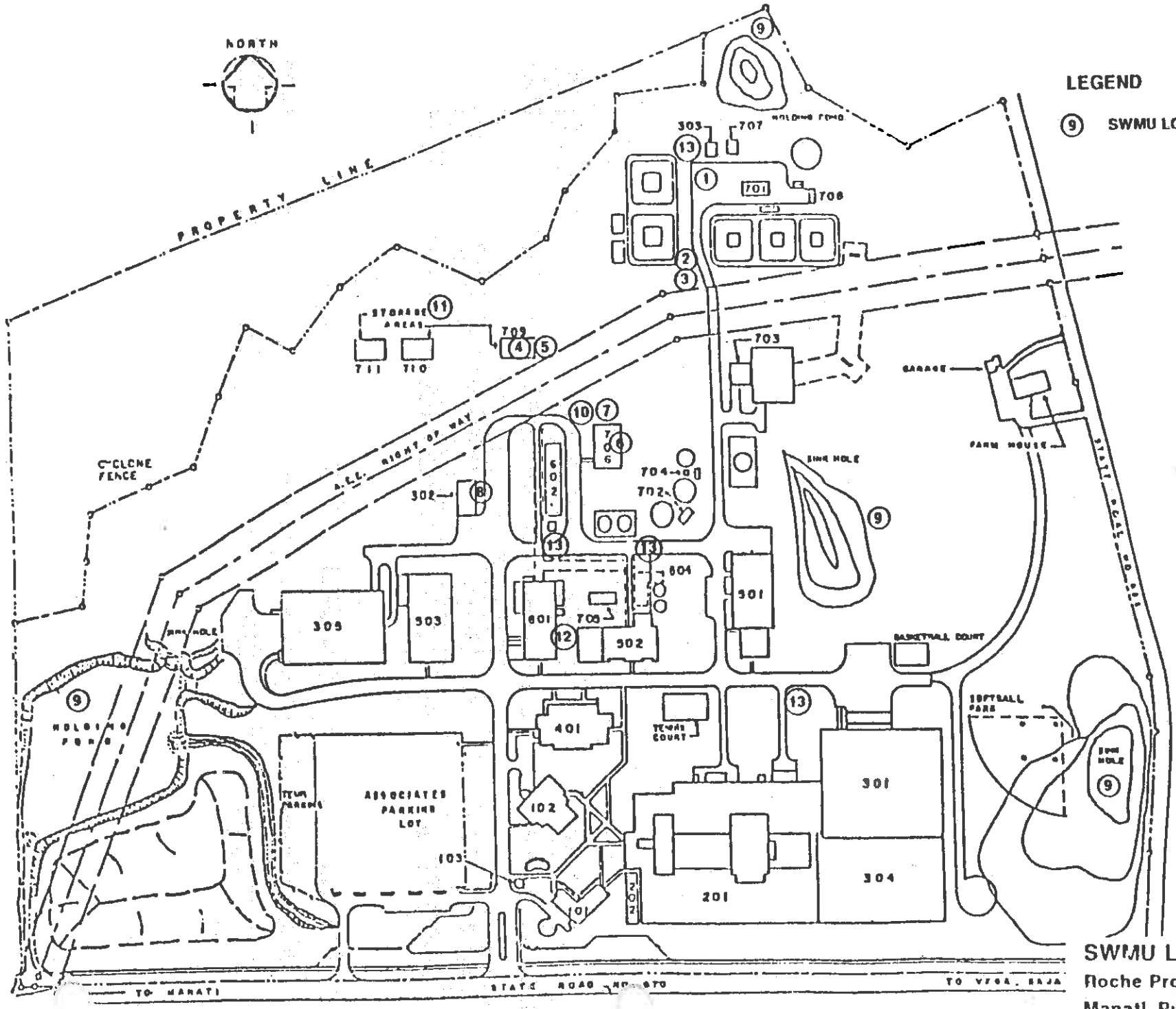
Subsurface Gas

Overall, the potential for the generation of subsurface gas is low based on the above-ground locations of units, enclosed or indoor nature of the units, and/or the dilute nature of the wastes being managed.

1.4 Solid Waste Management Units

The PR and VSI resulted in the identification of thirteen solid waste management units (SWMUs) at the Roche Products facility. The locations of all SWMUs and AOCs are shown on Figure 1-4. Table 1-1 presents a list of all identified SWMUs.

A more detailed description of each of these units follows the table and includes the unit description, dates of operation, wastes managed, and release controls.



SWMU LOCATION MAP
Roche Products, Inc.
Manatí, Puerto Rico

TABLE 1-1
List of Identified SWMUs
Roche Products, Inc.
Manati, Puerto Rico

SWMU	Type	Dates of Operation	Waste Managed	Release Controls
1. Wastewater Treatment System (WWTS)	Basins, sumps, drying beds	1977 - present	Process wastewater	See Table 1-5
2. Toluene Recovery Tank	Aboveground stainless steel tank steel)	1977 - present	Toluene recovered from process wastewater	Closed-to with con- crete pad and con- tainment
3. Toluene Sump	Concrete sump	1977(?) - present	Toluene recovered from process wastewater	Concrete construc- tion
4. Lithium Bromide Storage Area	Concrete pad	Unknown - present	Lithium Bromide solu- tion from chemical synthesis	Concrete construc- tion, trer collectior device
5. Former Sewer Holding Tank	Aboveground steel tank	Unknown	Process wastewater	Located or concrete p
6. Hazardous Waste Drum Storage Building	Building	1981 - present	Waste solvents, oils, labora- tory wastes	Concrete p and contai ment, roof
7. Empty Caustic Drum Storage Area	Concrete pad	Unknown - present	"Empty" drums with caustic residues	Concrete p
8. Waste Oil Storage Area	Concrete pad	Unknown - present	Waste oil	Concrete p and curbin
9. Sinkholes (4)	Earthern depressions	Unknown - present	Facility runoff	None

Table 1-1
(Continued)

SWMU	Type	Dates of Operation	Waste Managed	Release Controls
10. Solvent Recovery Unit	Aboveground steel tank	Unknown - present	Process waste-water	Located on a concrete pad with concrete containme
11. Vacuum Rotary Drum Filter	Filter drum	1977 - 1980/1981	Treated waste-water from WWTS	None
12. Solvent Decanter Tank	Steel tank	Unknown - present	Process waste-water	Located o a concret pad with concrete containme
13. Satellite Drum Storage Storage Areas	Concrete pad	Unknown - present	Toluene, lab waste, lithium bromide solution	Concrete pad

Unit Number: SWMU 1 (Photos 2 through 8 and 11 through 19, 21 and 22)

Unit Name: Wastewater Treatment System (WWTS)

Unit Description: The WWTS consists of 12 components which operate in series to treat facility wastewater. The specific features of each component of this system are delineated in Table 1-2. A flow diagram for the WWTS is depicted in Figure 1-5.

The WWTS is a treatment facility designed to treat wastewater prior to discharge to the Puerto Rico Aqueducts and Sewer Authority (PRASA). The following are limits established for discharge (20):

Flow	:	225,000 gallons/day
BOD	:	250 ppm
TSS	:	250 ppm
Metals	:	2 ppm
Oil & Grease	:	100 ppm
Temperature	:	Ambient
pH	:	8.0 to 8.5 units
Other	:	Absence of substances which can be toxic or inhibitory to PRASA's treatment plant; no objectionable color, odor or appearance.

Roche Products
Wastewater Treatment System
Component Summary
Table 1-2

Component	Dates of Operation	Capacity Dimensions	Function	Construction	Release Controls	Photo No.
pH Adjustment Sump	1977 - present	Unknown	pH adjustment	Concrete	Automatic weir overflow	11, 12, 21
Primary Flocculator	1977 - present	Unknown	Flocculation	Concrete	Automatic weir overflow	12, 21
Primary Clarifier	1977 - present	6 x 20 x 8 feet	Separates solids from liquids	Concrete	Overflow diverts to aeration basin, weir plates in place	13, 21
Neutralization Sump	1977 - present	Unknown	Neutralization, nutrient addition and pre-aeration	Concrete	Overflow to aeration basin, weir plates in place	
Preclarifier	1981 - present	6 x 8 x 10 feet	Removes grit and toluene	6-inch concrete reinforced with Vandex*	Flow-thru basin	2, 3
with Vandex						
Equalization Basin	1977 - present	350,000 gallons/ 90 x 90 x 14 feet	Homogenization, pH adjustment, flow control	6-inch concrete reinforced with Vandex*	2-foot freeboard maintained, manual pump system	5, 6
Emergency Basin	1977 - present	350,000 gallons/ 90 x 90 x 14 feet	Emergency storage, receives emergency spills	6-inch concrete reinforced with Vandex*	2-foot freeboard tained, manual pump system	7, 8
New Secondary Clarifier with Sump	Unknown - present	Unknown	Sedimentation	Concrete	Intentional overflow to final outfall	18, 19
Old Secondary Clarifier with Sump	Unknown	Unknown	Sedimentation	Concrete	Unknown	17

Roche Products
Wastewater Treatment System
Component Summary
Table 1-2
(Continued)

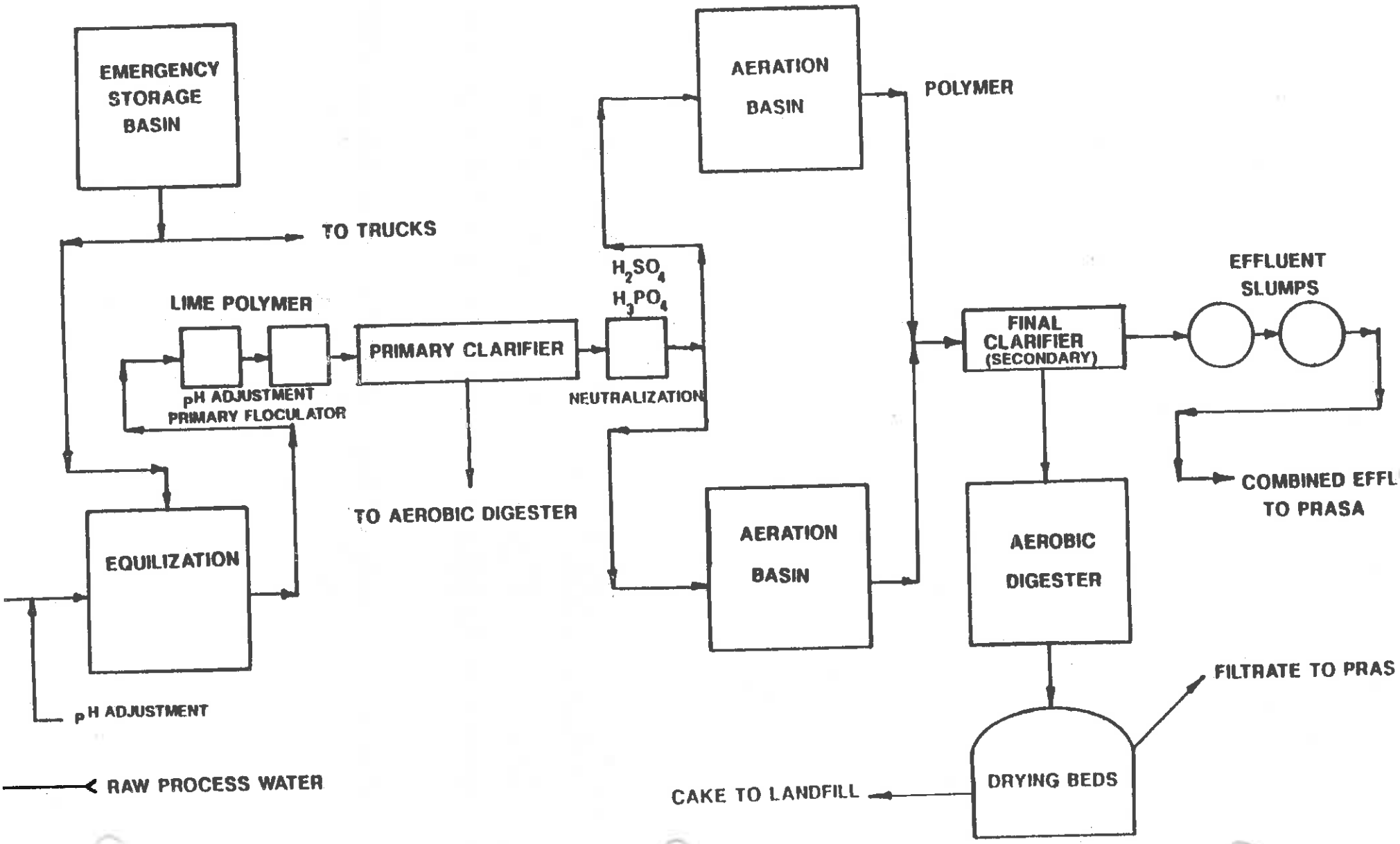
Component	Dates of Operation	Capacity Dimensions	Function	Construction	Release Controls	Photo No.
Aeration Basins (2)	1977 - present	205,000 gals/ 80 x 80 x 10 feet	Aeration	6-inch concrete reinforced with Vandex*	International overflow to Secondary Clarifier	15, 16
Aerobic tion Digestor	1977 - present	80 x 80 x 10 feet	Collects solids from pre-primary and secondary clarifiers	6-inch concrete reinforced with Vandex*	2-foot freeboard maintained	22
Sludge Drying Beds (2)	1981 - present	20 x 40 x 4 feet	Liquid removal	Concrete	Concrete retaining wall	No photo

*Vandex - a plastic sealant

WASTEWATER TREATMENT SYSTEM

FLOW DIAGRAM

FIGURE 1-5



Date of Start-up:	This unit began operation in 1977 (22).
Date of Closure:	All units except the old secondary clarifier and effluent sump are currently in operation (22).
Wastes Managed:	The WWTS receives facility process wastewater generated from chemical synthesis, drum washing activities and possible spills and may include acetic acid, methylene chloride, aminol and alcohols, acetone and toluene (4, 22).
Release Controls:	See Table 1-2.
History of Releases:	There have been no documented discharges from this system. During the VSI, no evidence of release was observed.
Conclusions:	Since the integrity of the concrete units could not be verified, the potential for release of hazardous constituents to soil and groundwater cannot be determined. Because these units are not located within close proximity to surface water bodies, the potential for release of hazardous constituent to surface water is low. Since volatile organics (toluene, methylene chloride, acetone) may be present in small quantities in the wastewater treated in these open-topped units, there is a low to moderate potential for release of hazardous constituents to air. Since the integrity of the concrete units could not be verified, the potential for subsurface gas generation cannot be determined.

Suggested Further Action:	Determine the integrity of the units. If the structural integrity of the units are impaired, conduct soil sampling to determine if hazardous constituents have been released to the environment.

Unit Number:	SWMU 2
Unit Name:	Toluene Recovery Tank (Photo 1)
Unit Description:	This active unit is an aboveground stainless steel tank vented through a condenser and has a capacity of approximately 400 gallons. The unit receives wastewater/solvent from the chemical synthesis process (20). Liquid wastes (toluene) removed from this unit are drummed and disposed off-site. Liquid wastes are stored in the unit for less (22).
Date of Start-up:	This unit began operation in 1977.
Date of Closure:	This unit is currently in operation.
Wastes Managed:	This unit receives wastewater and solvents from the chemical synthesis processes. The waste liquid contains alcohol, water, methylene chloride, and toluene (20, 22).
Release Controls:	The tank is supported on reinforced concrete legs inside a reinforced concrete pad with a two-foot containment dike. Liquid wastes are stored less than 90 days, as reported by facility personnel (22). In addition, a splash guard is present surrounding the tank as a safety measure (22).
History of Releases:	There was no documentation of releases from this unit in the documents available for review. No evidence of releases were observed noticed during the VSI.
Conclusions:	Based on visual observation during the VSI, and release controls observed, there is a low potential for release from this unit to all environmental media.

Suggested Further Action:	No further action is suggested for this unit at this time.

Unit Number:	SWMU 3
Unit Name:	Toluene Sump (Photo 4)
Unit Description:	This below-grade reinforced concrete sump is approximately 4 feet in diameter and seven feet deep. The sump collects toluene residues prior to pumping into the recovery tank. The sump is fed through an underground pipe under gravity flow from the process tanks (22).
Date of Start-up:	The exact date of start-up of this unit is unknown; however, it is believed to have been operational in 1977 (22).
Date of Closure:	This unit is currently in operation.
Wastes Managed:	The unit receives wastewaters/ solvents from the chemical synthesis processes. The waste liquid contains alcohol, water, methylene chloride, and toluene.
Release Controls:	No release controls were observed during the VSI. However, the sump structure is built of reinforced concrete with a steel manhole cover at the surface.
History of Releases:	There have been no documented releases from this unit. There was no evidence of release observed during the VSI.
Conclusions:	Since this below-grade is concrete and its integrity could not be verified during the VSI, the potential for release of hazardous constituents to soil, groundwater and for subsurface gas generation could not be determined.

Since this unit is not located within close proximity to any surface water body, the potential for release of hazardous constituents to surface water is low.

Since this unit is of closed-top design, the potential for release of hazardous constituents to air is low.

Since the integrity of this below-ground concrete unit could not be verified, the potential for the generation of subsurface gas cannot be determined.

Suggested Further Action: Determine the integrity of the unit. If the integrity is impaired, conduct soil sampling to determine if hazardous constituents have been released.

Unit Number:	SWMU 4
Unit Name:	Lithium Bromide Storage Area (Photos 23 and 24)
Unit Description:	A reinforced concrete slab foundation approximately 50 by 60 feet in dimensions with a two-foot-high containment wall and surrounding drain. The slab is approximately 6 inches thick. At the time of the VSI, fifty-eight 30-gallon and three 55-gallon drums were labeled as containing lithium bromide and were stored on wooden pallets inside this unit (22).
Date of Start-up:	The date of the start-up of this unit is unknown.
Date of Closure:	This unit is currently in operation.
Wastes Managed:	This unit is used to store drums containing lithium bromide solution resulting from the chemical synthesis process. This waste may contain trace amounts of organics (22).
Release Controls:	This unit consists of a 6-inch reinforced concrete slab with a surrounding trench (2 feet deep) and 2-foot high diked containment walls. A release valve from the trench was present at the northeast corner of the unit to drain storm water (22). At the time of the VSI, numerous cracks were noted in the foundation slab. The waste drums were sitting on wooden pallets inside the unit.
History of Releases:	There have been no documented releases from this unit. During the VSI, there was no evidence of release from the unit observed. However, drums were stained, apparently overflow during filling operations.

Conclusions:	Since numerous cracks were observed in the concrete foundation of the unit, and a valve is present capable of discharging accumulated storm water or spills to the surrounding soil, there is a moderate potential for releases of hazardous constituents to soil and groundwater. Since this unit is not within close proximity to any surface water body, the potential for release of hazardous constituents to surface water is low. Since the storage drums are closed, there is a low potential for release of hazardous constituents to the air. Since this unit is concrete and due to the basic inorganic nature of the waste, the potential for subsurface gas generation is low.
Suggested Further Action:	Since trace organics may be present in the waste, and a valve exists capable of releasing storm water or spills from this unit, soil, sediment and surface water sampling is suggested to determine the potential for release from this unit.

Unit Number:	SWMU 5
Unit Name:	Former Sewer Holding Tank (Photos 23 and 25)
Unit Description:	This aboveground steel tank was formerly used to store process waters from the chemical plant operations. This tank is stored in the Lithium Bromide Storage Area (SWMU 4). The tank is approximately 8 feet in diameter and 12 feet long with an estimated capacity of 4,500 gallons (22).
Date of Start-up:	The date of start-up is unknown.
Date of Closure:	This unit was taken out of service and hydroblast-cleaned in 1985.
Wastes Managed:	This unit was used to store process wastewater from the facility process operation. The wastewaters likely contained water, methylene chloride, alcohol, toluene, and other solvents.
Release Controls:	This unit is currently located in the Lithium Bromide Storage Area (SWMU 4) on a concrete pad with trenching and curbing.
History of Releases:	There have been no documented releases from this unit. During the VSI, there was no evidence that release had occurred.
Conclusions:	Since this unit is no longer in operation, and was hydroblast-cleaned after being taken out of service, the potential for release of hazardous constituents to all media and for subsurface gas generation is low.
Suggested Further Action:	No further action is suggested for this unit at this time.

Unit Number:	SWMU 6
Unit Name:	Hazardous Waste Drum Storage Building (Photos 26 through 29)
Unit Description:	This RCRA-regulated unit is located inside a warehouse building approximately 60 feet by 90 feet and is used for the storage of drums of hazardous waste. The building consists of a reinforced concrete slab floor with steel column wall and roof supports and galvanized steel roofing. The building is equipped with a drum crusher, drum washing facilities, and a spill collection system which directs wastewaters to the wastewater treatment system (SWMU 1) (20). During the VSI, 352 55-gallon drums were observed at this unit.
Date of Start-up:	This unit began operation in February, 1981 (22).
Date of Closure:	This unit is currently in operation (22).
Wastes Managed:	This unit is used to store drummed hazardous and nonhazardous wastes from the facility process operations. The wastes include methylene chloride, acetic acid, lab waste, waste oil, and recovered toluene. Hazardous constituents include F003, F005, F002, D002, D009, D011, D007, D001, and F003.
Release Controls:	A one-foot-high concrete containment dike surrounds the building foundation slab. In addition, the drums are sitting on wooden pallets and segregated according to their classification.

History of Releases:	There have been no documented releases from this unit. During the VSI, there was no evidence that release had occurred.
Conclusions:	Based on the release controls noted during the VSI, and the containerized wastes, there is a low potential for releases of hazardous constituents from this unit to all environmental media.
Suggested Further Action:	No further action is suggested for this unit at this time.

Unit Number:	SWMU 7
Unit Name:	Empty Caustic Drum Storage Area (Photo 30)
Unit Description:	this unit consists of a reinforced concrete slab area outside and adjacent to the Hazardous Waste Drum Storage Building (SWMU 6) used to store and treat (neutralize with water) drums with caustic residues. During the VSI, seven drums were stored in this area. Standing water was observed collecting within the diked area. Drain valves exist in the dike to release accumulated storm water (22).
Date of Start-up:	The date of start-up for this unit is unknown.
Date of Closure:	This unit is currently in operation.
Wastes Managed:	The unit receives drums with caustic residues. The drums may contain trace organics from chemical processes at the facility (22).
Release Controls:	A concrete dike approximately 8 to 12 inches high surrounds this unit. Drain valves which were plugged during the VSI, were present at various locations in the dike wall/curb.
History of Releases:	There have been no documented releases from this unit. During the VSI, soil staining and stressed vegetation was observed outside the containment dike.
Conclusions:	Based on the presence of the drain valves, and since the waste contained in the drums is suspect (may contain hazardous constituents),

the potential for release of hazardous constituents to soil is high and to groundwater moderate.

Since there are no surface water bodies located within close proximity to this unit, the potential for release of hazardous constituents to surface water is low.

Since the wastes managed are mainly caustic and inorganic in nature, the potential for release of hazardous constituents to air and for subsurface gas generation is low.

Suggested Further Action: Soil and surface water sampling is suggested to determine if a release of hazardous constituents has occurred to the environment.

Unit Number:	SWMU 8
Unit Name:	Waste Oil Storage Area (Photo 33)
Unit Description:	This unit consists of an area utilized to store waste and product oils used in the maintenance of facility equipment. Two 55-gallon, one 40-gallon, and two 5-gallon steel drums containing waste oil were observed being stored in this area during the VSI. The area consists of a concrete floor slab surrounded by a with a 6-inch-high concrete curb. A pre-fabricated metal roof covers the unit (22).
Date of Start-up:	Unknown.
Date of Closure:	This unit is currently in operation.
Wastes Managed:	The unit receives waste and product motor oils used in the maintenance of facility equipment and vehicles (22).
Release Controls:	Release controls for this unit include a concrete slab with a 6-inch-high dike. A pre-fabricated metal roof covers the unit. In addition, metal troughs are present below the product drum discharge spigots (22).
History of Releases:	There have been no documented releases from this unit. During the VSI, no evidence of release was observed.
Conclusions:	Based on release controls noted during the VSI, the potential for release of hazardous constituents from this unit to all media from this unit or for subsurface gas generation is low.
Suggested Further Action:	No further action is suggested for this unit at this time.

Unit Number:	SWMU 9
Unit Name:	Sinkholes (4) (Photos 10, 36, 39, 40)
Unit Description:	This unit consists of four naturally occurring topographic depressions (sinkholes) typical of karst limestone terrains. These sinkholes act as seepage conduits for surface runoff from the facility and adjacent land tracts. Within the facility, the surface runoff is directed into these sinkholes through a system of manmade lined and unlined ditches and swales (20). A description of each of these four sinkholes is presented below. The northeast sinkhole (Photo 10) is a semi-circular topographic depression approximately 7 to 10 feet below the surrounding grade elevation with dimensions of 150 by 300 feet. This sinkhole is located to the north of and is adjacent to the wastewater treatment system (SWMU 1). A series of swales (unlined) and a concrete culvert drain facility runoff into this sinkhole. The sinkhole is well vegetated (20, 22). The southwest sinkhole is a longitudinal topographic depression approximately 5 to 7 feet below the surrounding grade elevation with dimensions of 140 by 420 feet. This sinkhole is located to the east and southeast of the chemical manufacturing buildings. A series of ditches and swales drain facility runoff into this sinkhole. During the VSI, a pile of used tires was noticed in this vegetated sinkhole (20, 22).

The center sinkhole (Photos 39 and 40) is longitudinal topographic depression approximately 6 to 7 feet below the surrounding grade elevation with dimensions of 120 by 150 feet. This sinkhole is located adjacent to and east of the maintenance building. A series of swales drain facility runoff into this sinkhole. The sinkhole is heavily vegetated with reeds and other grasses (20, 22).

The Southeast sinkhole (Photos 37 and 38) is located in the east part of the facility and is adjacent to an on-site recreational baseball field. The natural depression in this area has been leveled with fill material. This sinkhole consists of a concrete box, steel-grated to permit runoff inflow and prevent blockage with leaves, sticks, etc. A concrete-lined ditch runs through the Eastern portion of the facility to the sinkhole. The lawn in the sinkhole vicinity is well maintained (20, 22).

Date of Start-up: The date of start-up for this unit is unknown.

Date of Closure: This unit is currently in operation.

Wastes Managed: The sinkholes receive rain and surface runoff from the facility and surrounding land tracts. The surface runoff is directed into this unit via a system of lined and unlined ditches and swales.

Release Controls: There are no release controls associated with the sinkholes.

History of Releases: There have been no documented releases from these sinkholes. However, facility runoff is purposely diverted to these

structures. Due to the nature of the soils associated with the sinkholes, any hazardous constituents released to them would most likely be released to the groundwater.

Conclusions:

Since facility runoff (which has the potential to contain hazardous constituents) is purposely diverted to these sinkholes, the potential for release to soil and groundwater is high.

Since these sinkholes are not located in close proximity to any surface water bodies, the potential for release of hazardous constituents to surface water is low.

The waste received by the sinkholes would have passed through the facility prior to entering and any hazardous constituents, if volatile would have most likely already volatilized. Therefore, the potential for release to air is low.

Since these sinkholes are open to the atmosphere and any volatile constituents entering would most likely be trace amounts, the potential for subsurface gas generation is low.

Suggested Further Action:

Soil sampling in the vicinity of the sinkholes (drainage ditches and swales) is suggested to determine if hazardous constituents have been released to the environment.

Unit Number:	SWMU 10
Unit Name:	Solvent Recovery Unit (Photo 31)
Unit Description:	This inactive steel tank is located north of the Hazardous Waste Drum Storage Building (SWMU 6). It was once used to recover toluene from process wastewater for recycling. According to facility representatives, the recovery process became infeasible as production rates decreased. Toluene is now recovered at the Wastewater Treatment System (WWTS) (SWMU 1) and/or is separated in drums in the Hazardous Waste Drum Storage Building and drummed for resale. Wastewater separated out in this process is sent through the WWTS (22). The Solvent Recovery Tank is 6-feet-high with a diameter of 3 feet. It is situated on steel supports located on a concrete pad surrounded by a 6-inch concrete curb (22).
Date of Start-up:	The date of start-up for this unit is unknown.
Date of Closure:	According to facility representatives, this unit ceased operation in approximately 1981. However, it has not been closed.
Wastes Managed:	Waste managed in this unit included process wastewater containing toluene.
Release Controls:	This unit is an enclosed tank situated on a concrete pad surrounded by 6-inch concrete curbing.

History of Releases:	There have been no documented releases from this unit. There was no evidence of release noted during the VSI.
Conclusions:	Since this inactive unit is above-ground, is underlain with concrete and surrounded by concrete curbing, is not located within close proximity to any surface water body, and is totally enclosed, the potential for release of hazardous constituents from this unit to all environmental media or for the generation of subsurface gas is low.
Suggested Further Action:	There is no further action suggested for this unit at this time.

Unit Number:	SWMU 11
Unit Name:	Vacuum (Rotary) Drum Filter (Photo 32)
Unit Description:	This unit, discovered during the VSI, has been decommissioned and is currently located in an equipment storage yard west of the Lithium Bromide Storage Area (SWMU 4). It was formerly the final stage of the Wastewater Treatment System (WWTS) (SWMU 1), serving as final filtration of solids from treated discharge water. The nonhazardous filter cake was sent to a local landfill for disposal and the wastewater was discharged to PRASA. The unit was replaced by the sludge drying beds due to its inefficiency (consumed excess water) (22). This unit is approximately 5 feet in diameter and 6 feet in width (22).
Date of Start-up:	This unit began operation in 1977.
Date of Closure:	This unit was taken out of service in 1980/1981. There is no further information available regarding the decommissioning of this unit (i.e., decontamination, waste disposal, etc.)
Wastes Managed:	This unit formerly received wastewater which had been treated in the WWTS. It was considered nonhazardous, together with the solids which were filtered from it. However, there exists the potential for the wastes managed to have a contained trace amounts of the hazardous constituents toluene, methylene chloride and various alcohols which are known to be present in the process wastewater (22).

Release Controls:	There are presently no release controls associated with this unit.
History of Releases:	There have been no documented releases from this unit. During the VSI, there were no obvious releases.
Conclusions:	Since this unit is in storage (is no longer in service) and wastes possibly remaining would most likely contain only trace amounts of hazardous constituents, the potential for release of hazardous constituents to soil/groundwater is low. Since this unit is not located within close proximity to any surface water body, the potential for release of hazardous constituents to surface water is low. Since any waste present in this unit would only contain only trace amounts of organic constituents (already volatilized during wastewater treatment), the potential for release of hazardous constituents to air is low. Since this unit is above ground, the potential for subsurface gas generation is low.
Suggested Further Action:	There are no suggested further actions for this unit at this time.

Unit Number:	SWMU 12
Unit Name:	Solvent Decanter Tank (Photo 35)
Unit Description:	This active unit is used for the same purpose as the Toluene Recovery Tank (SWMU 2), to recover toluene from process wastewater prior to treatment in the WWTS (SWMU 1). The toluene is decanted from this tank into 55-gallon drums and stored in Satellite Drum Storage Areas (SWMU 13) reportedly for less than 90 days, throughout the facility. There is no additional information available on the process of decanting from this tank. This unit replaced the Sewer Holding Tank (SWMU 5) now located in the Lithium Bromide Storage Area (SWMU 1). This unit is approximately 7 feet in diameter and 10 feet wide. It is situated horizontally on concrete supports and is located on a concrete pad surrounded by 2-foot-high concrete retaining walls. It is located adjacent to Building 601 (22).
Start-up:	The date of start-up is unknown.
Date of Closure:	This unit is currently in operation.
Wastes Managed:	This unit receives process wastewater which contains recoverable amounts of toluene and various trace organics.
Release Controls:	This unit is located on a concrete pad inside a concrete containment area with 2-foot-high walls. The tank is of closed-top design.

History of Releases:	There have been no documented releases from this unit. During the VSI, there was no evidence of release.
Conclusions:	Since this unit is located within a contained concrete area, the potential for release of hazardous constituents to soil/groundwater is low. Since this unit is located within a concrete retaining structure and is not in close proximity to any surface water body, the potential for release of hazardous constituents to surface water is low. Since volatile toluene is decanted from this unit into 55-gallon drums and little is known regarding procedures used, the potential for release of hazardous constituents to air is high. Since this unit is above ground and situated over a concrete pad, the potential for subsurface gas generation is low.
Suggested Further Action:	It is suggested that procedures be used to minimize releases of toluene to the air during decanting from the unit to 55-gallon drums. No further action is suggested for this unit at this time.

Unit Number:	SWMU 13
Unit Name:	Satellite Drum Storage Areas (Photo 34)
Unit Description:	Throughout the Roche Facility, satellite drum storage areas are used to store drums of waste (toluene, lab wastes, lithium bromide solutions). during the VSI, drums stored in these areas were observed to be closed, stacked on wooden pallets and located over concrete pads. However, no areas were observed to have curbing or other containment. According to facility representatives, these are accumulation stations where drums of waste, usually resaleable, are stored for less than 90 days. These drums are either relocated to the Hazardous Waste Drum Storage Area (SWMU 6) or are shipped off-site within 90 days.
Start-up:	The date of start-up for this unit is unknown.
Date of Closure:	There are several satellite drum storage areas currently in operation throughout the facility.
Wastes Managed:	Wastes managed in these temporary storage areas and lithium bromide solutions.
Release Controls:	Although the units are located on concrete foundations, no curbing or other release controls were observed. The drums were observed to be stored closed and in good condition.
History of Releases:	No releases have been documented at this unit. During the VSI, no releases were observed.

Conclusions:	Since there is no secondary containment associated with this unit, the potential for release of hazardous constituents to soil/groundwater is moderate to high in the event a spill occurs. Since none of the satellite drum storage areas are located within close proximity to any surface water body, the potential for release of hazardous constituents to surface water is low. Since the drums stored were observed to be closed and in good condition, the potential for release of hazardous constituents to the air is low. Since this unit is located over concrete, the potential for subsurface gas generation is low.
Suggested Further Action:	It is suggested that measures (i.e., curbing) be taken to prevent runoff from these storage areas, in the event spills should occur.

1.5 Areas of Concern

There are no Areas of Concern identified at the Roche Products, Inc., facility.

1.6 Summary of Conclusions and Suggested Further Actions

Several of the SWMus identified during the PR/VSI have potential for, or there is evidence of, releases to the environment. Additional sampling of these units and/or areas of concern should be conducted to ascertain if releases have occurred. Further information gathered as a result of sampling should be used as the basis for determining if more extensive investigations are necessary.

1.7 REFERENCES

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7. Correspondence, Roche Products, Inc. to U.S. Environmental Protection Agency. Re: Closure Plans. July 21, 1988.

8. Roche Products, Inc., Hazardous Waste Treatment, Storage and Disposal Operations Manual, Section 12 Closure Plans and Financial Requirements. September 2, 1986.

9. U.S. Environmental Protection Agency. Memorandum. Re: Implication of the Brown Wood Case. October 18, 1988.

10. U.S. Environmental Protection Agency. Notification of Hazardous Waste Activity, Roche Products, Inc. August 12, 1980.

11. Correspondence, Roche Products, Inc. to U.S. Environmental Protection Agency. Re: Change from Roche Products, Inc. Delaware to Roche Products, Inc. Panama. June 7, 1983.

12. Puerto Rico Environmental Quality Board. Memorandum. Re: Full RCRA Interim Status Reinspection, Roche Products, Inc.. January 4, 1983.

13. Correspondence, Environmental Protection Agency to Roche Products, Inc. Re: Full RCRA Interim Status Reinspection, Hazardous Waste Transporters List. January 4, 1983.

14. U.S. Environmental Protection Agency. Summary of Findings, Roche Products, Inc. January 4, 1983.

15. U.S. Environmental Protection Agency. RCRA Generator Inspection Form, Roche Products, Inc. November 24, 1981.

16. Correspondence, Roche Products, Inc. to U.S. Environmental Protection Agency. Re: Closure Plan. September 19, 1983.

I7. Correspondence, Roche Products, Inc. to U.S. Environmental Protection Agency. Re: Revised Permit Application, Roche Products, Inc. April 3, 1984.

18. U.S. Environmental Protection Agency. Record of Communication. Re: Revised Puerto Rico Environmental Quality Board Permit to Construct, Roche Products, Inc. October 24, 1985.

19. Roche Products, Inc. Construction Permit Application, Air-Incinerator. April 18, 1979.

20. U.S. Environmental Protection Agency. RCRA Part B Application, Roche Products, Inc. November 23, 1987.

21. Roche Products, Inc. Checklists for Writing or Reviewing Waste Analysis Plans. No date.

22. Visual Site Inspection Conducted at the Roche Products, Inc. Facility. November 17, 1989.

1.8 Visual Site Inspection

This section includes the following supporting documents: Visual Site Inspection Summary, Field Notes, and Photograph Log.

1.8.1 Visual Site Inspection Summary

A Visual Site Inspection (VSI) was conducted at the Roche Products, Inc. facility on November 17, 1988 by the A. T. Kearney Team. Observations made during the VSI are included within the main body of this document along with conclusions and suggested further actions for each unit identified.

The following individuals participated in the VSI:

Elani Gray	Harding Lawson Associates
Hector Lopez	Harding Lawson Associates
Thomas Alvarado	Roche Products, Inc.
Lewis Lesniak	Roche Products, Inc.
Jose Garcia	Roche Products, Inc.
Jack Alexander	Hoffman LaRoche

The inspection began at approximately 9:30 a.m. with an introductory meeting to explain the purpose of the VSI. Approximately three hours were spent discussing facility operations and individual solid waste management units (SWMUs)

identified as a result of the preliminary review. The facility personnel had not prepared the information needed as requested in the VSI notification letter submitted prior to the inspection. In addition, no process information was supplied based on the proprietary nature of the chemical processes utilized at the Roche facility.

The inspection was recessed for lunch in the facility cafeteria at approximately 12:00 noon. At approximately 1:00 p.m., the inspection resumed with a facility tour. Photographs were taken of all SWMus with a 35 mm Canon Sure-Shot automatic camera. The inspection was concluded at approximately 3:30 p.m.

1.8.2 VISUAL SITE INSPECTION FIELD NOTES

RO #
JOB NO.
DATE:
PREPARED BY:
CHECKED BY:

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: WWTS - Primary Clarifier
DATE OF START-UP: 1977
DATE OF CLOSURE: —
CLOSURE INFORMATION: —

CAPACITY: ~~approx~~ 6' x 20' x 8' deep
VOLUME:
WASTE TYPE:
HAZARDOUS CONSTITUENTS:
REGULATORY STATUS:
SUBPART F GROUNDWATER MONITORING:

B. UNIT DESCRIPTION: pH adjustment, flocculation — separates solids from liquids.

straight wall
6" rein concrete

"tank"

flow to aeration basin

C. MONITORING DESCRIPTION: —

D. RELEASE CONTROLS: in flow / out flow diverts to aeration basin

weir plates in place

E. EVIDENCE OF PAST/CURRENT RELEASES: none known

F. ADDITIONAL INFORMATION NEEDED: capacity
const verif

G. REFERENCES: D

Raphe

RO #
JOB NO.
DATE:
PREPARED BY:
CHECKED BY:

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: WWT System - Preclarifier not currently in operation
DATE OF START-UP: ~~1977~~ 1981
DATE OF CLOSURE: still in op
CLOSURE INFORMATION: —

CAPACITY: 6x9'
VOLUME:
WASTE TYPE:
HAZARDOUS CONSTITUENTS:
REGULATORY STATUS: ?
SUBPART F GROUNDWATER MONITORING: none

B. UNIT DESCRIPTION: removes grit + toluene - receives aqueous discl from manufacturing process; toluene removed + sent to Tank (1409 gallons); sludge goes to Basin #5 (~~Digester~~) - Wastewater se to Basin ~~#1 (Effluent~~ (Equilization Basin)

flow thru basin open-top

(?) 6" concrete - reinforced w/ vandex

C. MONITORING DESCRIPTION: none

D. RELEASE CONTROLS:

E. EVIDENCE OF PAST/CURRENT RELEASES: none known

F. ADDITIONAL INFORMATION NEEDED:

G. REFERENCES: D

RO #
JOB NO.
DATE:
PREPARED BY:
CHECKED BY:

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: WWT System. Basin #1 (Equlization Basin
DATE OF START-UP: 1977
DATE OF CLOSURE: —
CLOSURE INFORMATION: —

CAPACITY: 350,000 gallon
VOLUME: 90' x 90' x 13-14' deep
WASTE TYPE:
HAZARDOUS CONSTITUENTS:
REGULATORY STATUS: ?
SUBPART F GROUNDWATER MONITORING:

B. UNIT DESCRIPTION: surface impoundment: homogenizes WW from preclarifier: pH adjusted here - control flow of aqueous discharge to Primary Clarifier

6" rein concrete const - open top

leachate collect system

C. MONITORING DESCRIPTION: none

D. RELEASE CONTROLS: manual op pump to Emergency Basin in case 1-2' freeboard overflow

not usual steel pipe connects two units underground

E. EVIDENCE OF PAST/CURRENT RELEASES:

F. ADDITIONAL INFORMATION NEEDED: ~~[illegible]~~

G. REFERENCES: Roche ①

Emergency Storage Basin

350,000 gallons

identical to Equil Basin

1977 start-up

emergency storage in case of overflow capacity
feed back thru equil basin to WWT System

maintained empty

also - receives any spill on-site

* Aeration Basins (2) (#3+4)

1977

205,000 gallons each

1. same const as basins

flow from clarifier to 2ndary Clarifier

1. 80' x 80' x 10-11' level of water

also Basin #3 (
80 x 80'
contains bacteria
degrade organ

also Basin #4
treats WW

Aerobic

* 1 Digestor - Basin #5

constructed of reinforced concrete(s)

* source of tank or S.I.

6" concrete slab; leachate collection system

Vandex liner (coating)

80' x 80' - collects solids from pre, primary + second clarifier

solids from this unit are sent to Sludge Drying Bed

* Vacuum Filter - Sludge Drying (Bed?) Two

1977 - 1980/81

20x40' x 4' deep

rotary drum

inefficiency - consumed too much water

el ox aggregate slabs (2+4)

concrete area / gravel / plates

drains to (2 sumps) then

to Equilization or Energ

one receives supernatant

one fed by va water which go plate

solids → dumpster via conveyor

back to equil.

dismantled - still on sit

Rcra

RO # _____
JOB NO. _____
DATE: _____
PREPARED BY: _____
CHECKED BY: _____

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: Hazardous Waste Container storage area
DATE OF START-UP: 2/1981
DATE OF CLOSURE: still in operation
CLOSURE INFORMATION: —

CAPACITY: 60' x 90' 6000 ft²
VOLUME: 352 - 55 gal drums (single layer) no longer stack/insure
WASTE TYPE: still bottoms, methylene chloride, acetic acid, lab waste, waste oil,
HAZARDOUS CONSTITUENTS: F003, F005, F002, D002, D009, D011, D007, D001, F003, F005
REGULATORY STATUS: RCRA
SUBPART F GROUNDWATER MONITORING: —

√ cap.

from dist. process

B. UNIT DESCRIPTION: warehouse; prefabricated metal building w/ concrete floor. Equipped w/ drum washing + ~~reconditioning~~ facility - spill collection system diverts wastewater to WWT plant.

sloped to drain to WWT through pipeline

underground sewer

C. MONITORING DESCRIPTION: —

D. RELEASE CONTROLS: concrete curbing / diked
sloped in front 1' - 14"

E. EVIDENCE OF PAST/CURRENT RELEASES: none

F. ADDITIONAL INFORMATION NEEDED: _____

G. REFERENCES: _____

RO #
JOB NO.
DATE:
PREPARED BY:
CHECKED BY:

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: Toluene ~~Solvent~~ Recovery Tank (North of Bldg 201) (2)
DATE OF START-UP: 1977
DATE OF CLOSURE: still in operation
CLOSURE INFORMATION:

CAPACITY: 94gal (meth chl) / water 288 (alcohol) + water gal
VOLUME:
WASTE TYPE:
HAZARDOUS CONSTITUENTS:
REGULATORY STATUS:
SUBPART F GROUNDWATER MONITORING:

B. UNIT DESCRIPTION: receives wastewater/solvent from carbon beds (tanks) - drummed + disposed off-site
(alcohol, water, methylene chloride)
stainless steel - closed top, vented thru condenser

C. MONITORING DESCRIPTION:

D. RELEASE CONTROLS: diked, 2' concrete, pad, steel suppo
<90 days
less than 1 week (2 days max storage)

E. EVIDENCE OF PAST/CURRENT RELEASES: none known

F. ADDITIONAL INFORMATION NEEDED:

G. REFERENCES: D

RO #
JOB NO.
DATE:
PREPARED BY:
CHECKED BY:

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: Southwest Collection Pond - Sinkhole
DATE OF START-UP: ~1992 started reconditioning
DATE OF CLOSURE:
CLOSURE INFORMATION:

CAPACITY:
VOLUME:
WASTE TYPE:
HAZARDOUS CONSTITUENTS:
REGULATORY STATUS: —
SUBPART F GROUNDWATER MONITORING: —

B. UNIT DESCRIPTION: surge basin - receives drainage from pineapple fields + highway drainage system; roofs, pavements, areas adj to Bldgs 601, 502, 401, 102 + main access road. Drains to Sinkhole #2

flood control - natural depressions earthen

maintain - recondition

C. ~~MONITORING DESCRIPTION:~~ open drainage ditch to por places are concrete
~ 800'

D. RELEASE CONTROLS:

E. EVIDENCE OF PAST/CURRENT RELEASES:

F. ADDITIONAL INFORMATION NEEDED:

G. REFERENCES: D

RO #
JOB NO.
DATE:
PREPARED BY:
CHECKED BY:

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: Southeast Collection Pond - Sinkhole
DATE OF START-UP:
DATE OF CLOSURE:
CLOSURE INFORMATION:

CAPACITY:
VOLUME:
WASTE TYPE:
HAZARDOUS CONSTITUENTS:
REGULATORY STATUS:
SUBPART F GROUNDWATER MONITORING:

B. UNIT DESCRIPTION: Receives runoff from pineapple fields, roofs + areas of bldgs 101, 201, 202, 301, 309 - drains to Sinkhole #2

C. MONITORING DESCRIPTION:

D. RELEASE CONTROLS:

E. EVIDENCE OF PAST/CURRENT RELEASES:

F. ADDITIONAL INFORMATION NEEDED:

G. REFERENCES: D

RO #
JOB NO.
DATE:
PREPARED BY:
CHECKED BY:

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: "Center of Site" Collection Pond - Sinkhole
DATE OF START-UP:
DATE OF CLOSURE:
CLOSURE INFORMATION:

CAPACITY:
VOLUME:
WASTE TYPE:
HAZARDOUS CONSTITUENTS:
REGULATORY STATUS:
SUBPART F GROUNDWATER MONITORING:

B. UNIT DESCRIPTION: collects runoff from N side of bldgs 201, 301, + area including fuel oil storage locations - drains to sinkhole

C. MONITORING DESCRIPTION:

D. RELEASE CONTROLS:

E. EVIDENCE OF PAST/CURRENT RELEASES:

F. ADDITIONAL INFORMATION NEEDED:

G. REFERENCES: D

RO #
JOB NO.
DATE:
PREPARED BY:
CHECKED BY:

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: Northeast Collection Pond - sinkhole
DATE OF START-UP:
DATE OF CLOSURE:
CLOSURE INFORMATION:

CAPACITY:
VOLUME:
WASTE TYPE:
HAZARDOUS CONSTITUENTS:
REGULATORY STATUS:
SUBPART F GROUNDWATER MONITORING:

B. UNIT DESCRIPTION: all other runoff

C. MONITORING DESCRIPTION:

D. RELEASE CONTROLS:

E. EVIDENCE OF PAST/CURRENT RELEASES:

F. ADDITIONAL INFORMATION NEEDED:

G. REFERENCES:

RO #
JOB NO.
DATE:
PREPARED BY:
CHECKED BY:

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: Incinerator Fuel Tank - Diesel
DATE OF START-UP:
DATE OF CLOSURE:
CLOSURE INFORMATION:

CAPACITY:
VOLUME:
WASTE TYPE:
HAZARDOUS CONSTITUENTS:
REGULATORY STATUS:
SUBPART F GROUNDWATER MONITORING:

B. UNIT DESCRIPTION: According to facility representatives there is no incinerator fuel tank on-site. They've never heard of it.

C. MONITORING DESCRIPTION:

D. RELEASE CONTROLS:

E. EVIDENCE OF PAST/CURRENT RELEASES:

F. ADDITIONAL INFORMATION NEEDED:

G. REFERENCES: D

RO #
JOB NO.
DATE:
PREPARED BY:
CHECKED BY:

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: Toluene Recovery Decant Tank - Area 701
DATE OF START-UP:
DATE OF CLOSURE:
CLOSURE INFORMATION:

CAPACITY:
VOLUME:
WASTE TYPE:
HAZARDOUS CONSTITUENTS:
REGULATORY STATUS:
SUBPART F GROUNDWATER MONITORING:

B. UNIT DESCRIPTION: 1467 gal tank above ground

C. MONITORING DESCRIPTION:

D. RELEASE CONTROLS:

E. EVIDENCE OF PAST/CURRENT RELEASES:

F. ADDITIONAL INFORMATION NEEDED:

G. REFERENCES: D

RO #
JOB NO.
DATE:
PREPARED BY:
CHECKED BY:

SPECIFIC UNIT INFORMATION (ONE FOR EACH UNIT)

A. GENERAL:
UNIT TYPE: Incinerator
DATE OF START-UP:
DATE OF CLOSURE:
CLOSURE INFORMATION:

CAPACITY:
VOLUME:
WASTE TYPE:
HAZARDOUS CONSTITUENTS: F003, F005
REGULATORY STATUS:
SUBPART F GROUNDWATER MONITORING:

B. UNIT DESCRIPTION: according to facility, only for trade; controlled substances

This incinerator was listed as an example on the forms filled out by Roche personnel

C. MONITORING DESCRIPTION:

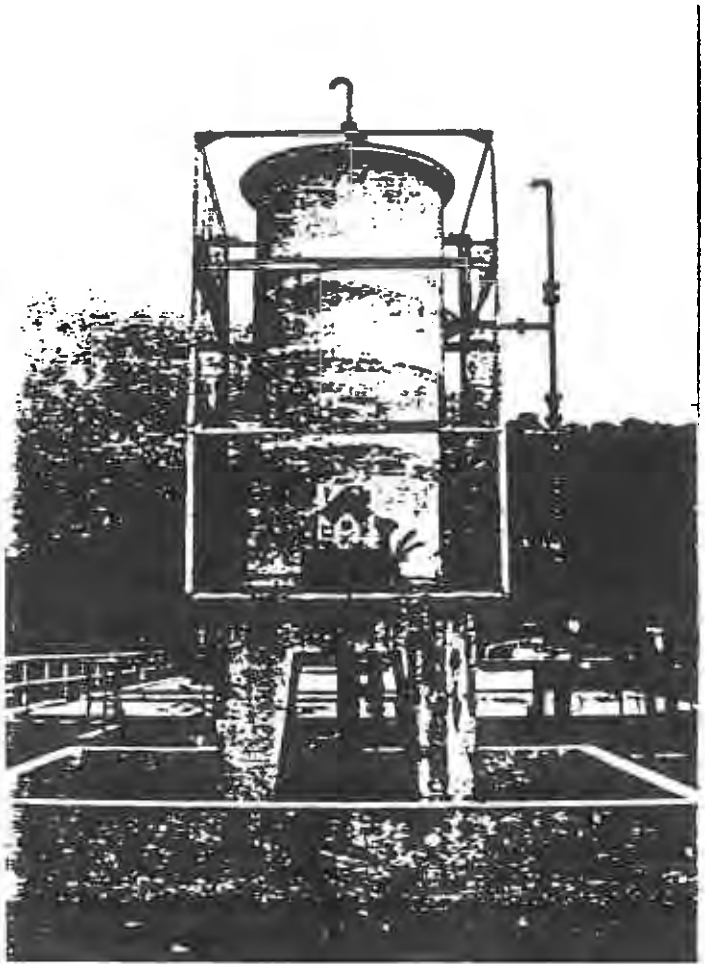
D. RELEASE CONTROLS:

E. EVIDENCE OF PAST/CURRENT RELEASES:

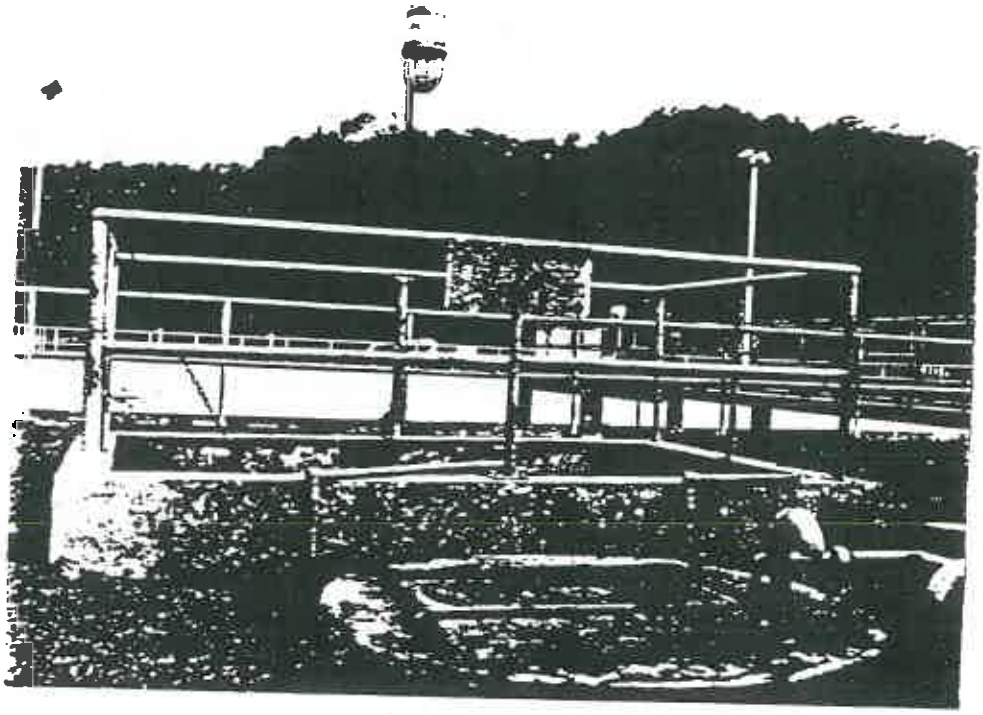
F. ADDITIONAL INFORMATION NEEDED:

G. REFERENCES:

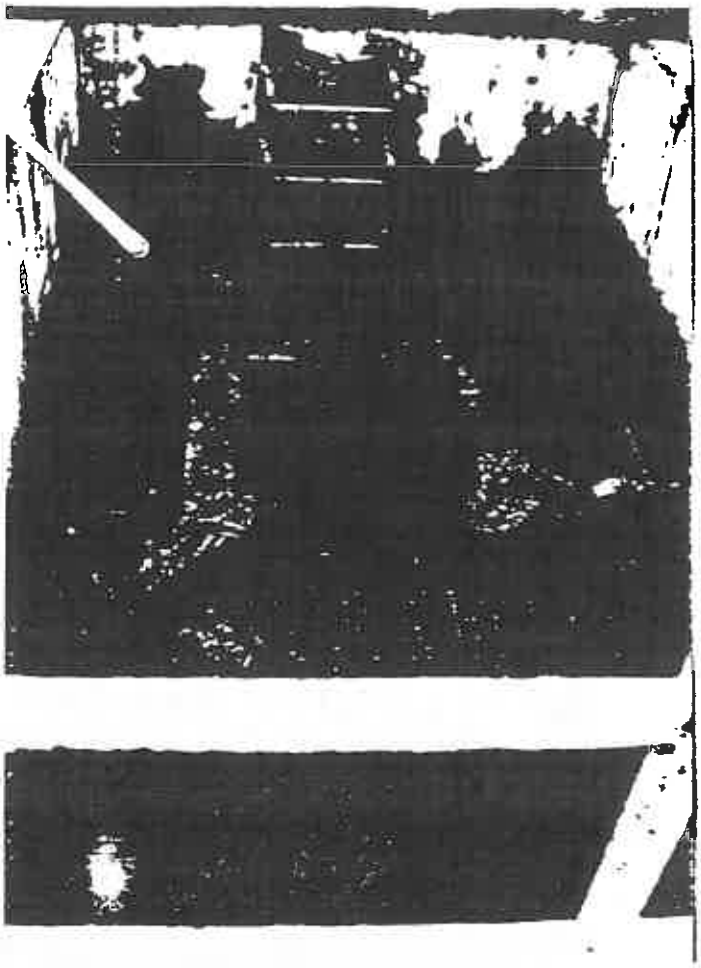
1.8.3 VISUAL SITE INSPECTION PHOTO LOG



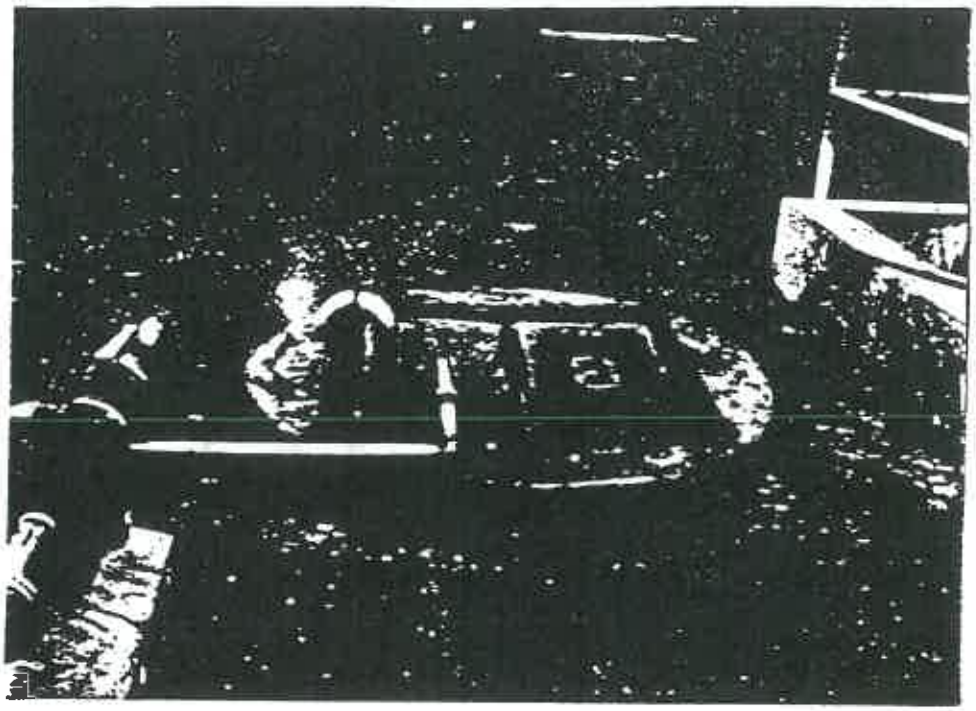
1. Toluene Recovery Tank (SWMU 2) (facing west).



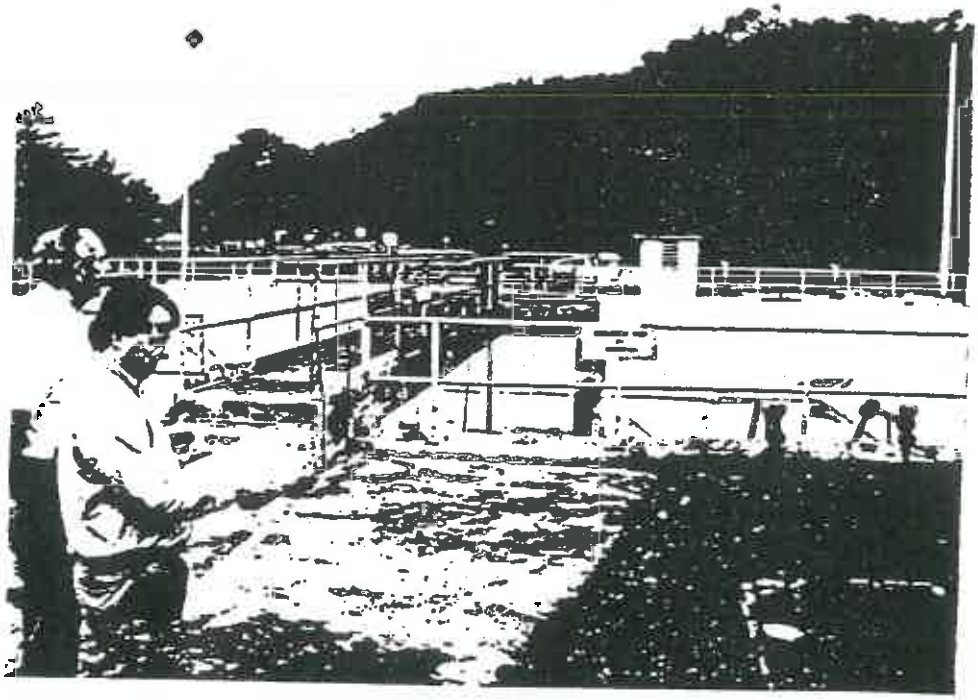
2. Preclarifier (SWMU 1) (facing west).



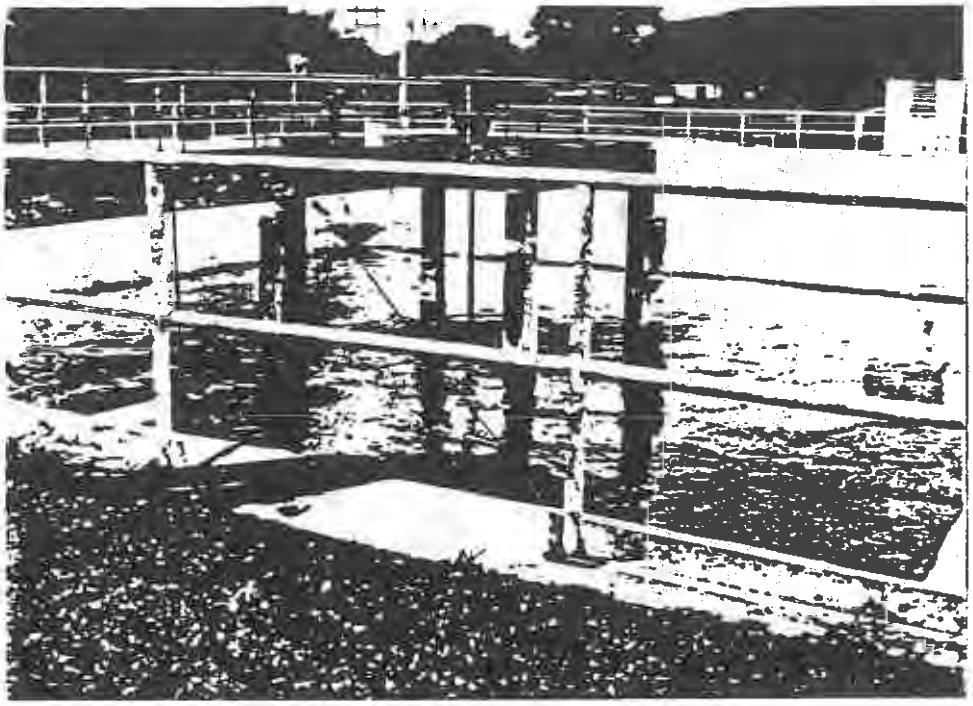
3. Inside Preclarifier (SWMU 1).



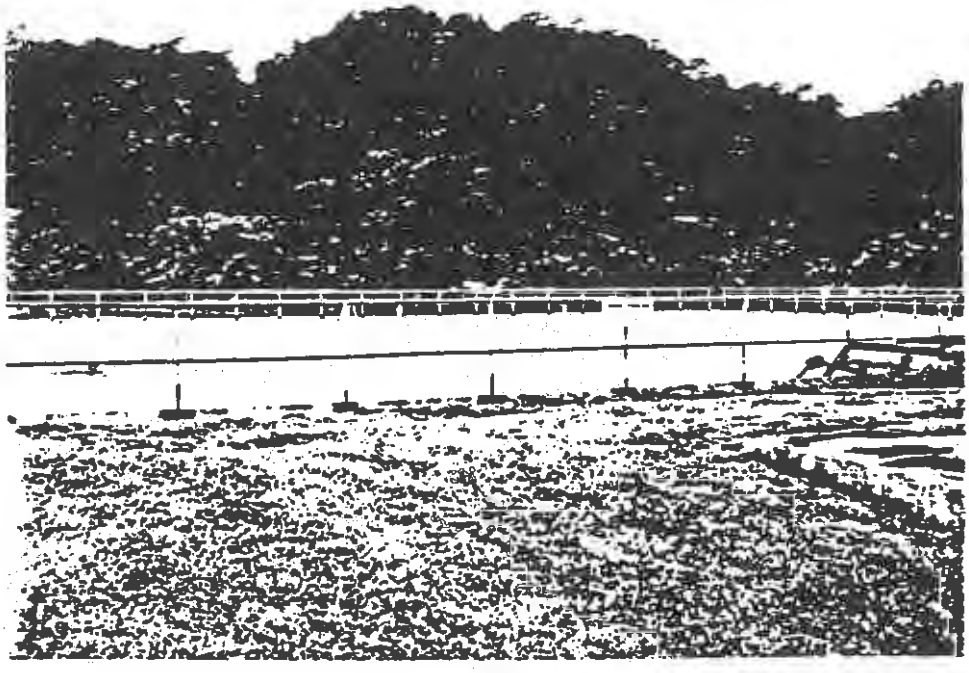
4. Toluene Sump (SWMU 3).



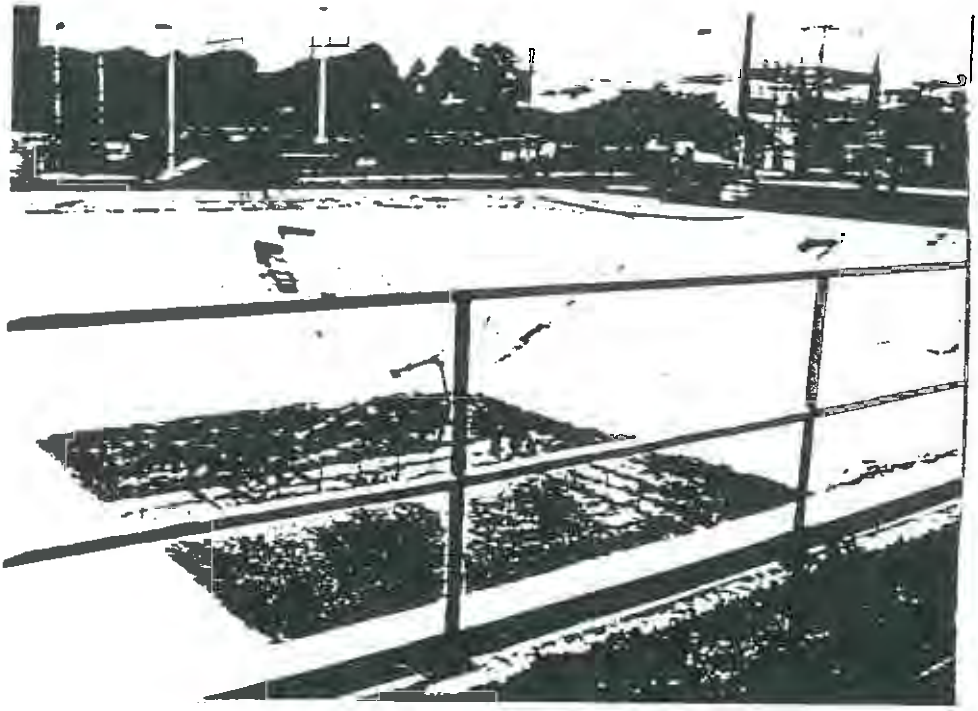
5. Equalization Basin (SWMU 1) (facing west).



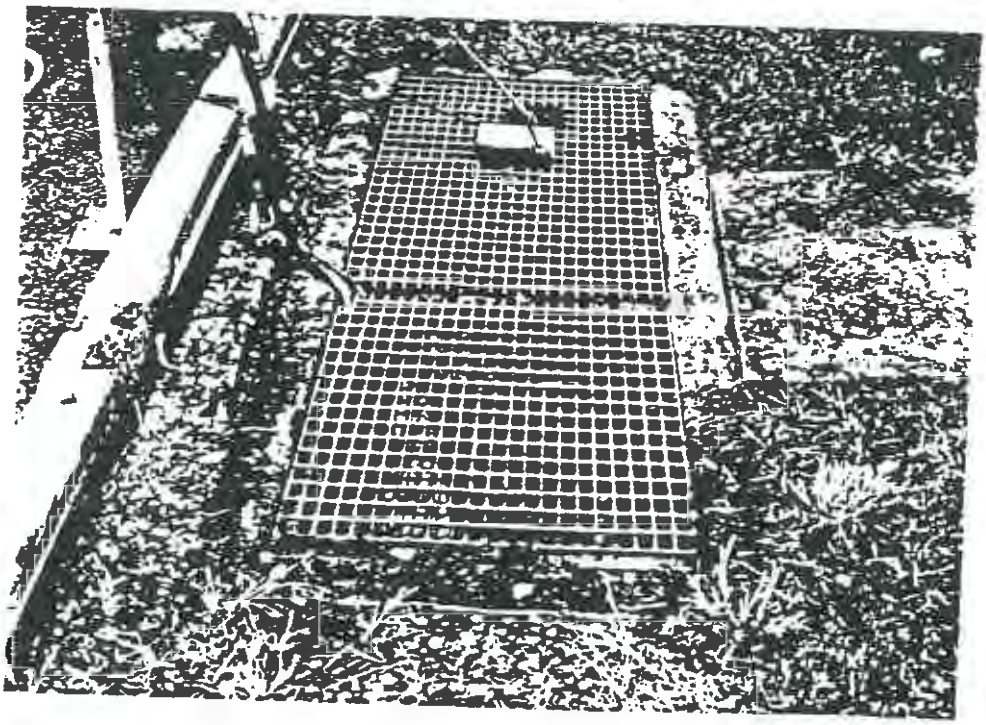
6. Inside Equalization Basin (SWMU 1).



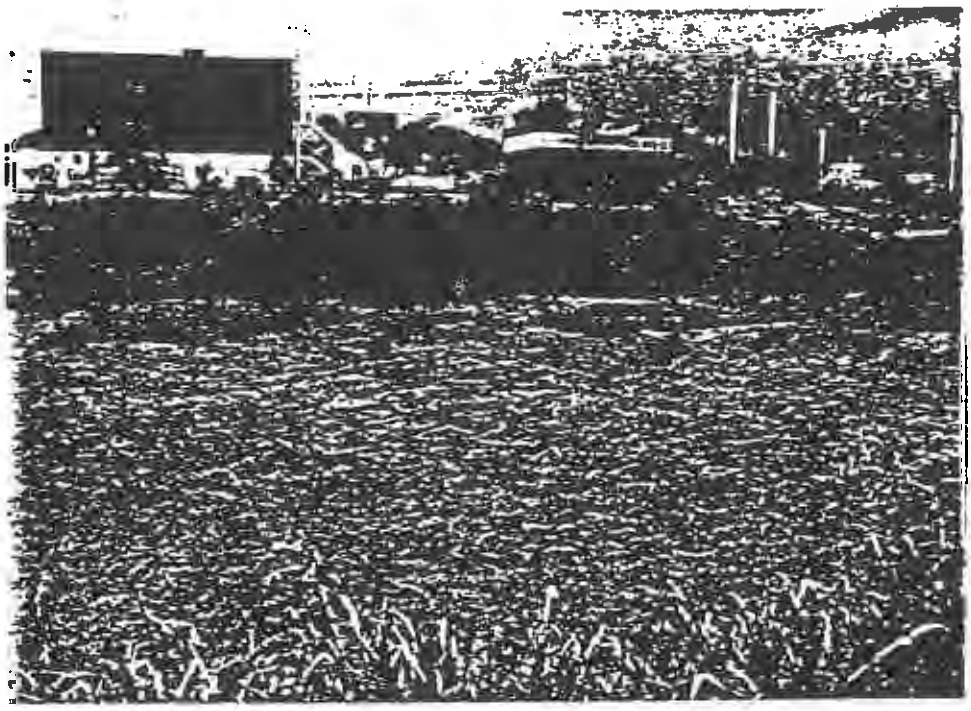
7. Emergency Basin (SWMU 1) (facing west).



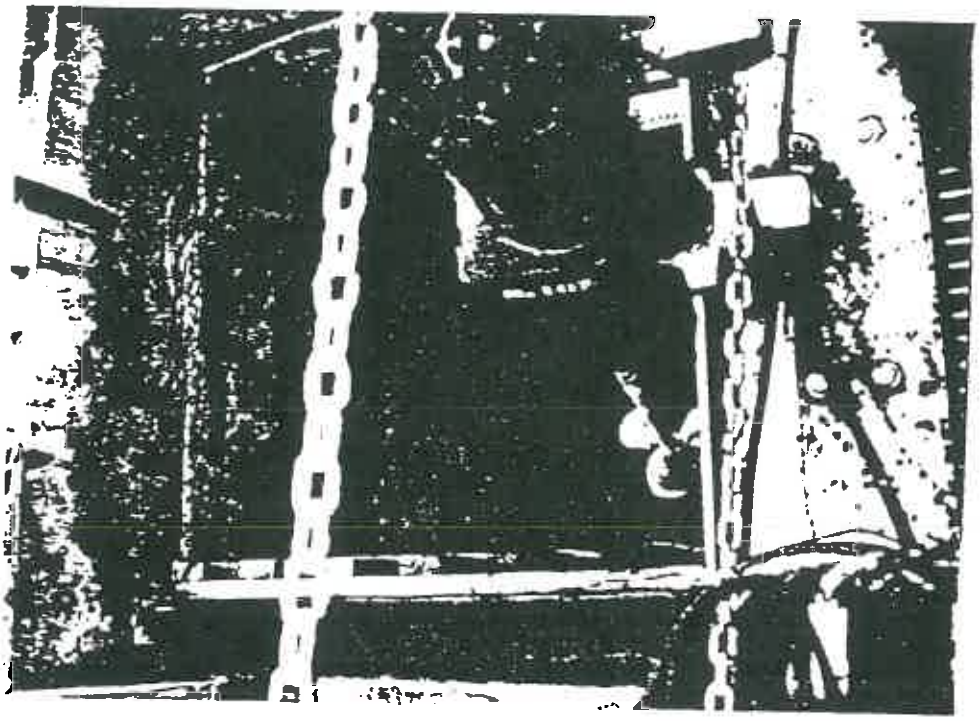
8. Inside Emergency Basin (SWMU 1).



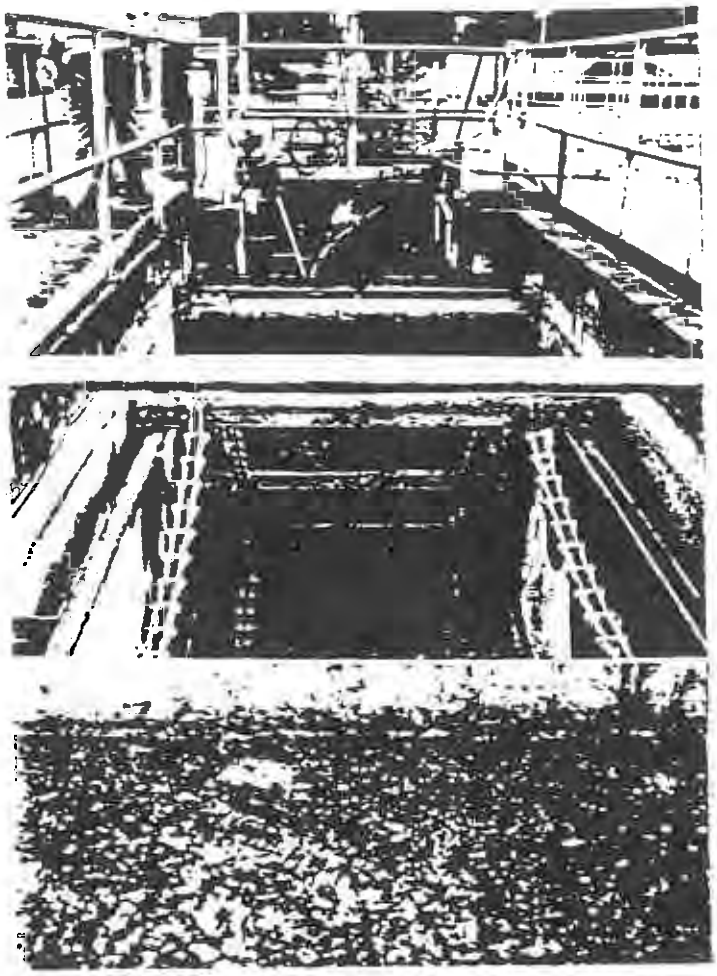
9. Parshall Flume Outfall (this is not a SWMU).



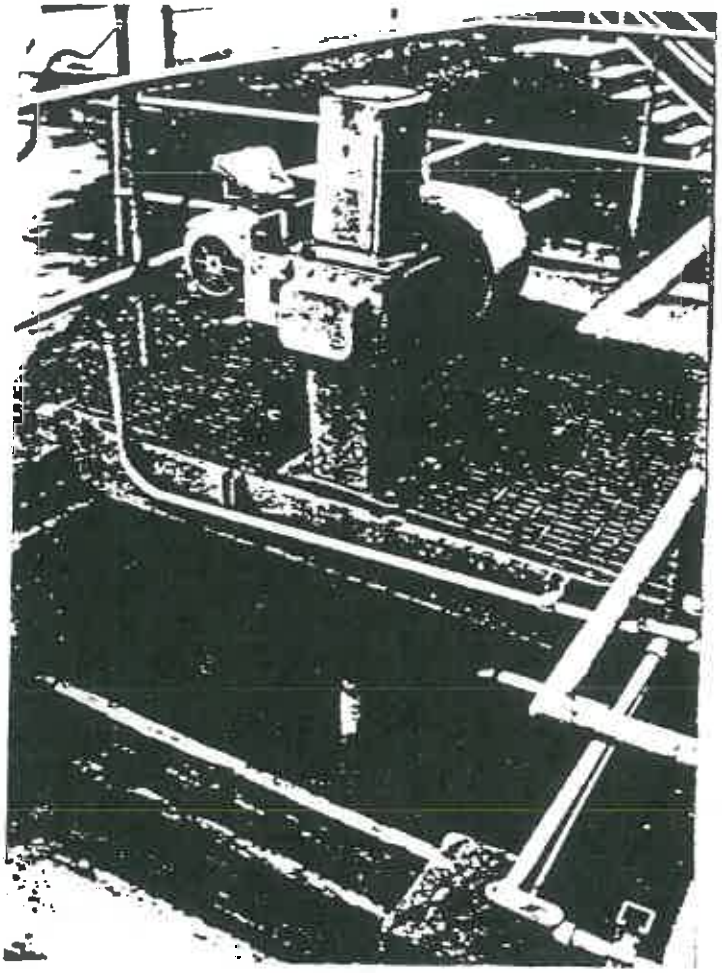
10. Northeast Sinkhole (SWMU 9) (facing south).



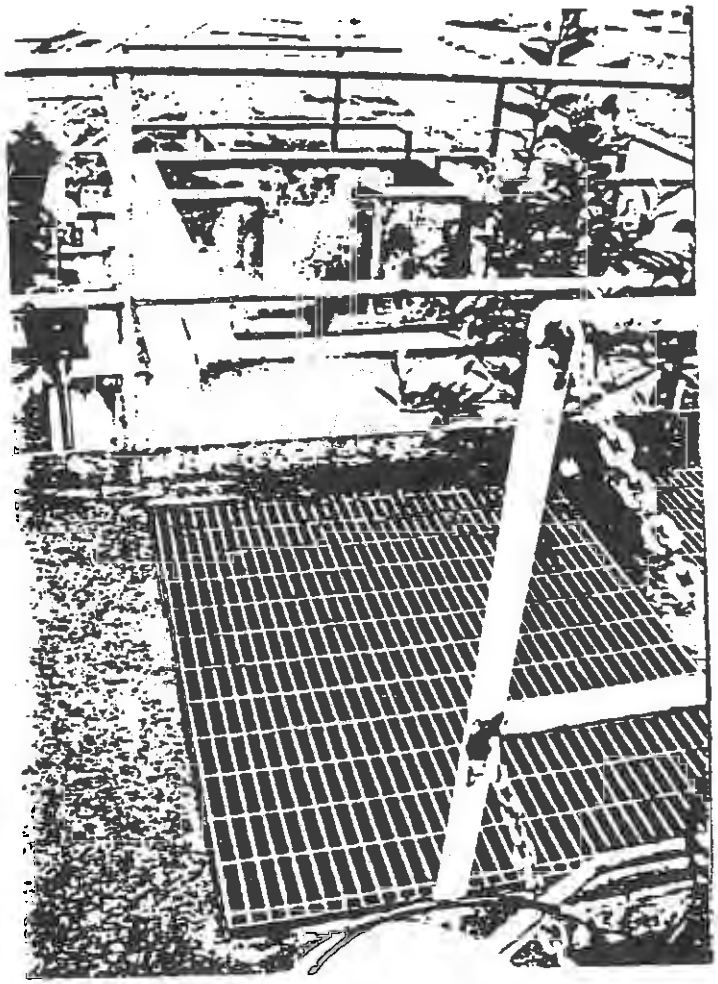
11. pH Adjustment Sump (SWMU 1).



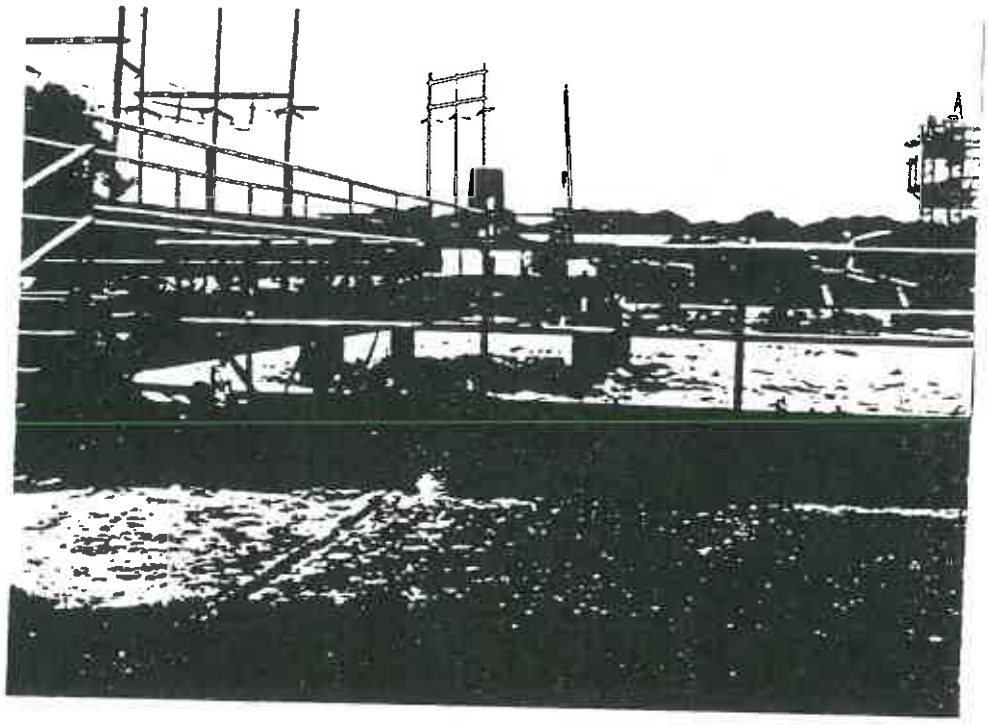
12. Primary Flocculator with pH Adjustment Sump in background (SWMU 1).



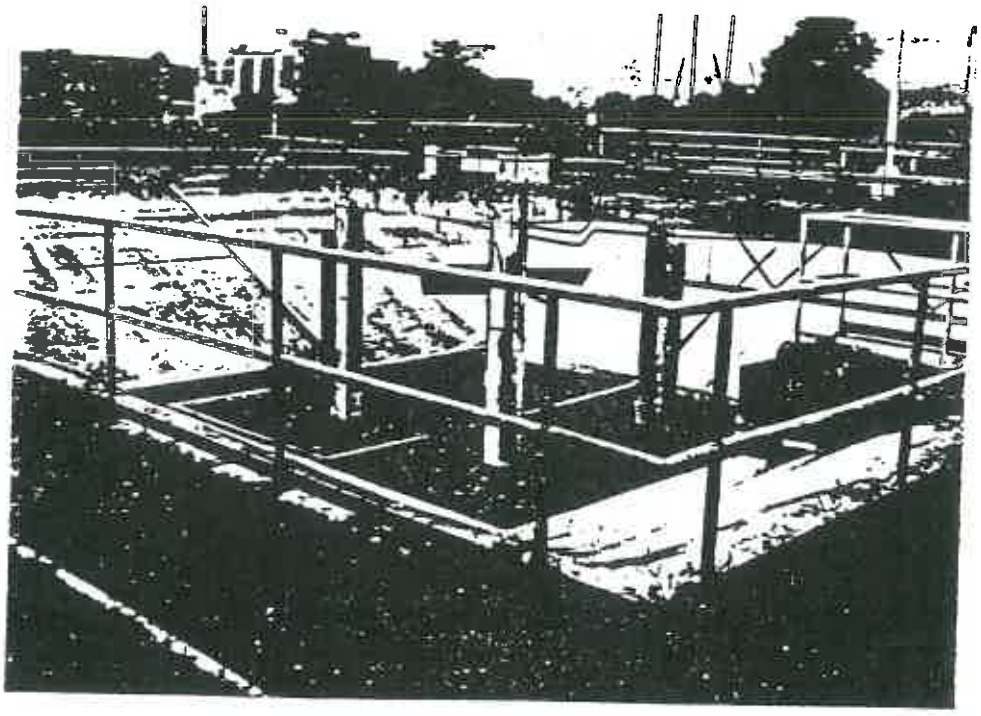
13. Primary Clarifier (SWMU 1) with Neutralization Sump in background.



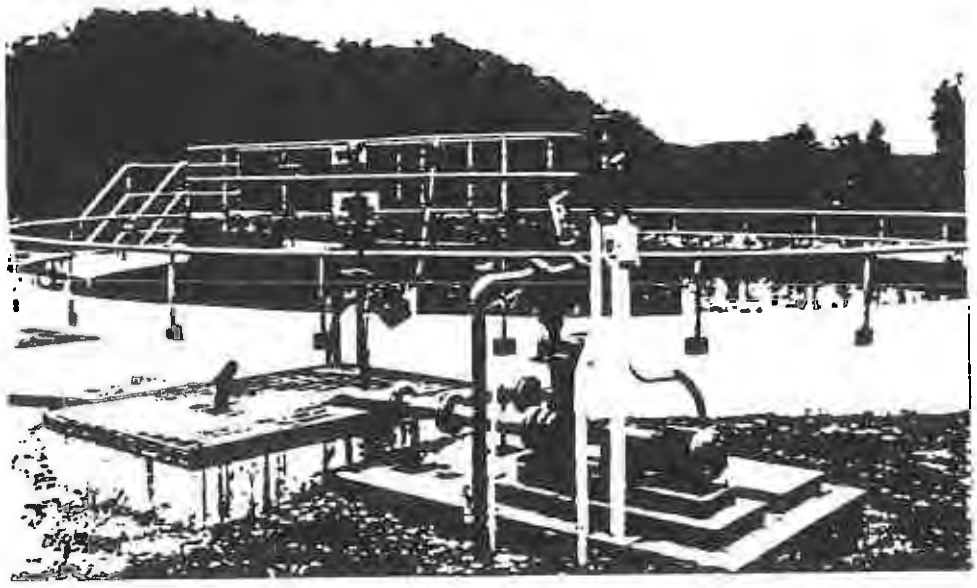
14. Gravity outflow to Weir Box (this is not a SWMU).



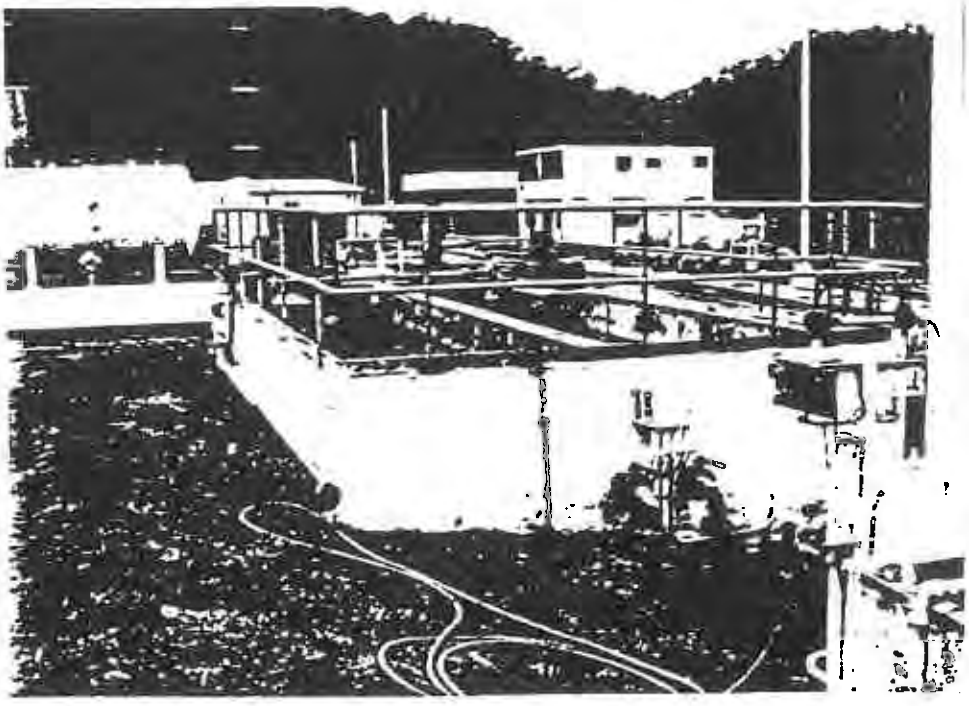
15. Aeration Basin No. 3 (SWMU 1) (facing southwest).



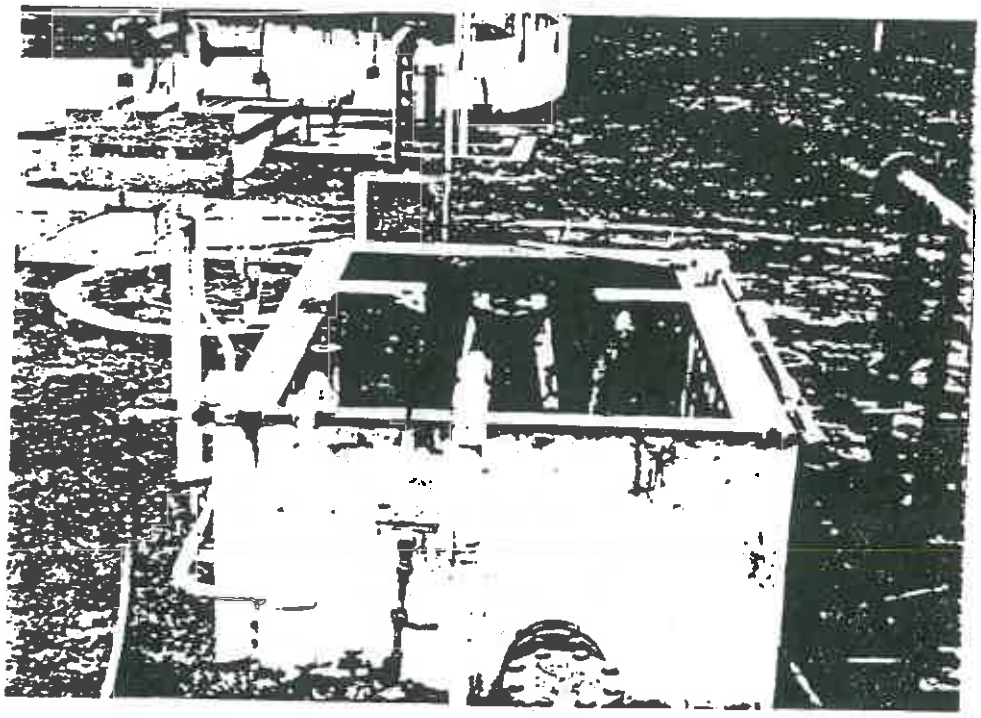
16. Aeration Basin No. 4 (SWMU 1) (facing southwest).



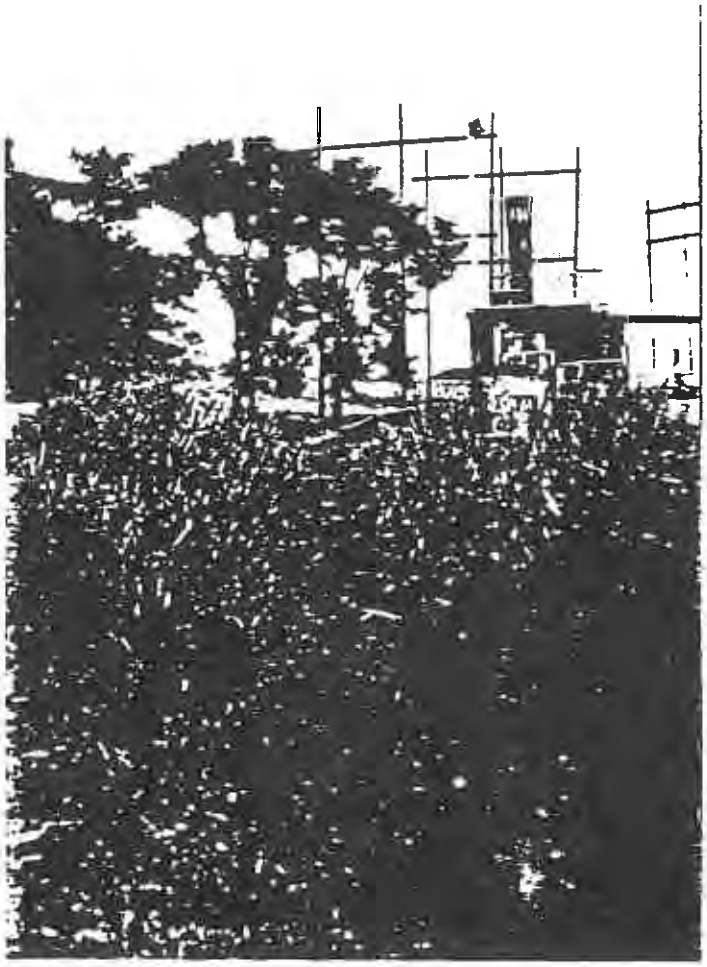
17. Old Secondary Clarifier (SWMU 1) with Effluent Sump in foreground.



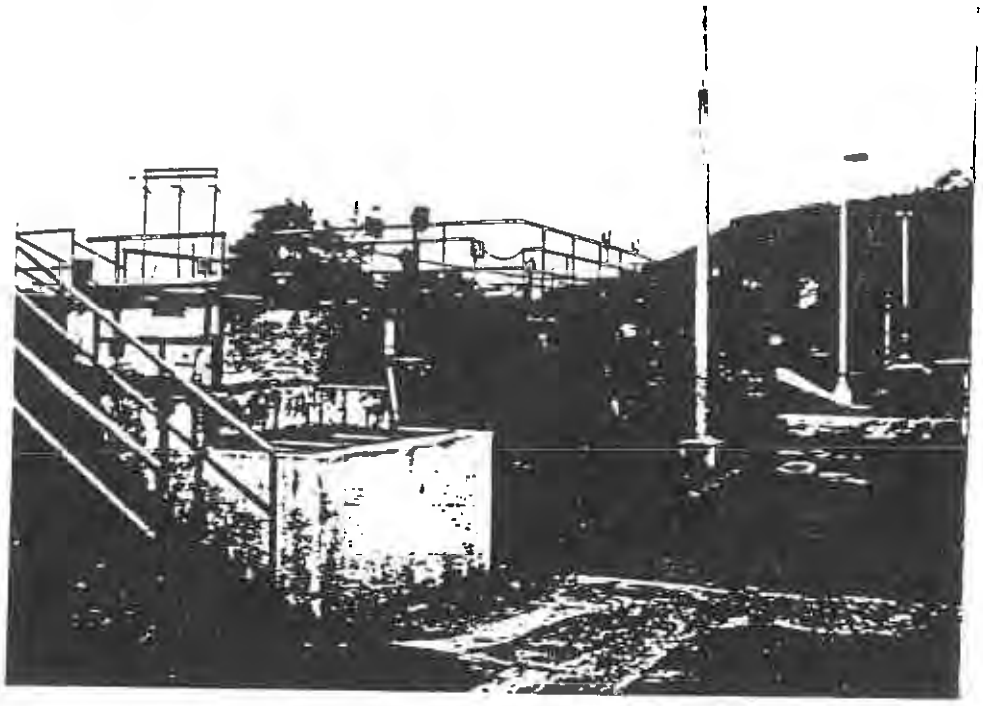
18. New Secondary Clarifier (SWMU 1) (facing northwest).



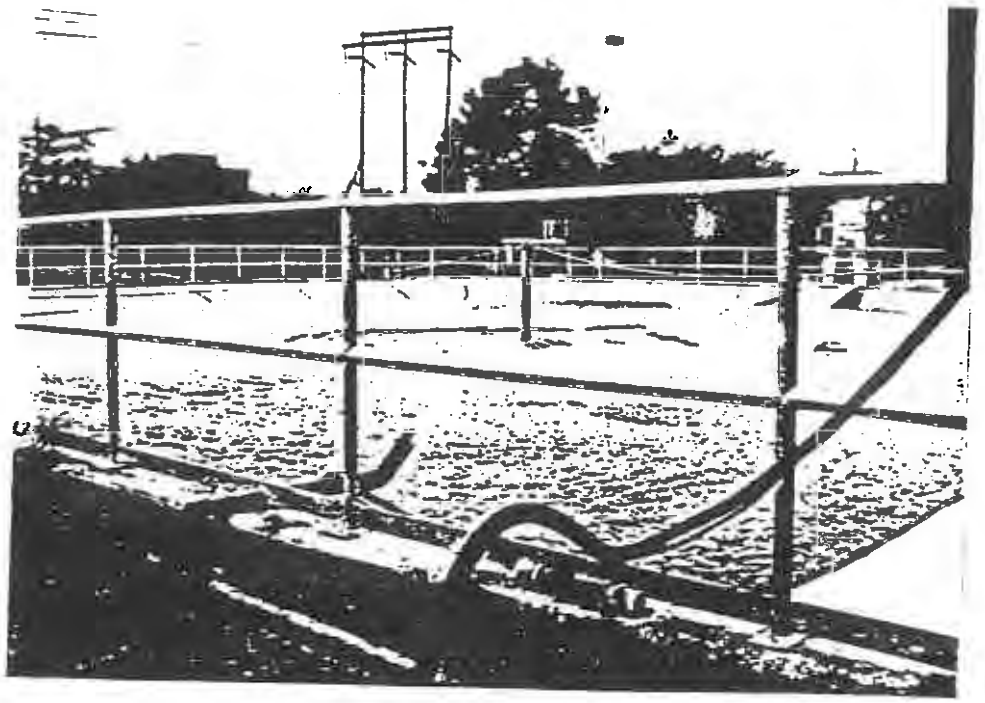
19. Effluent Sump to New Secondary Clarifier (SWMU 1).



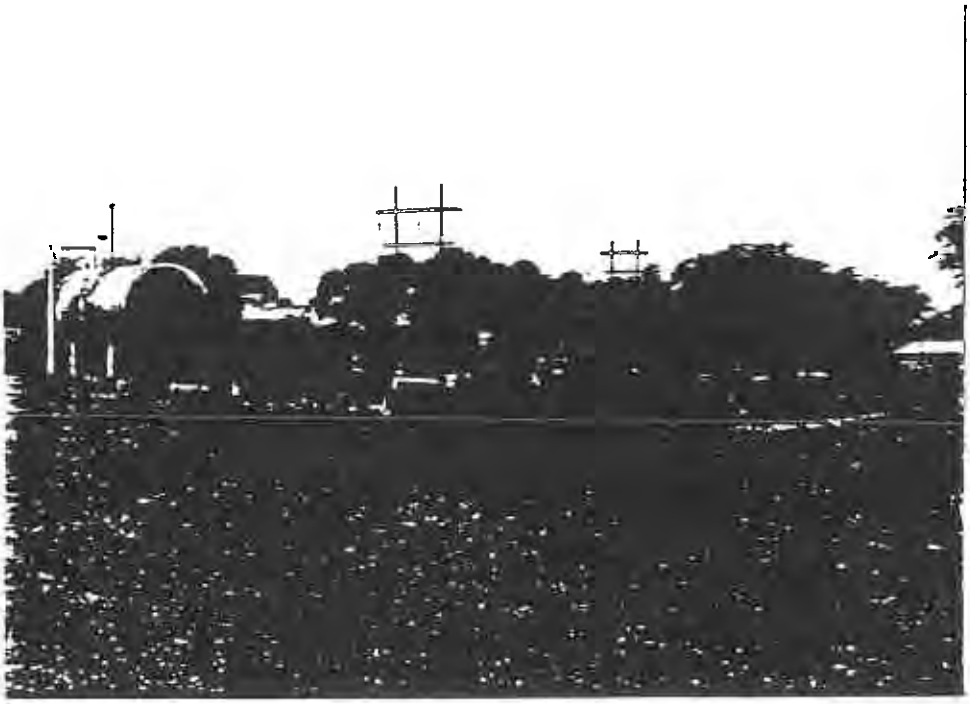
20. Drainage to Northeast Sinkhole (SWMU 9) with Incinerator in background (facing south).



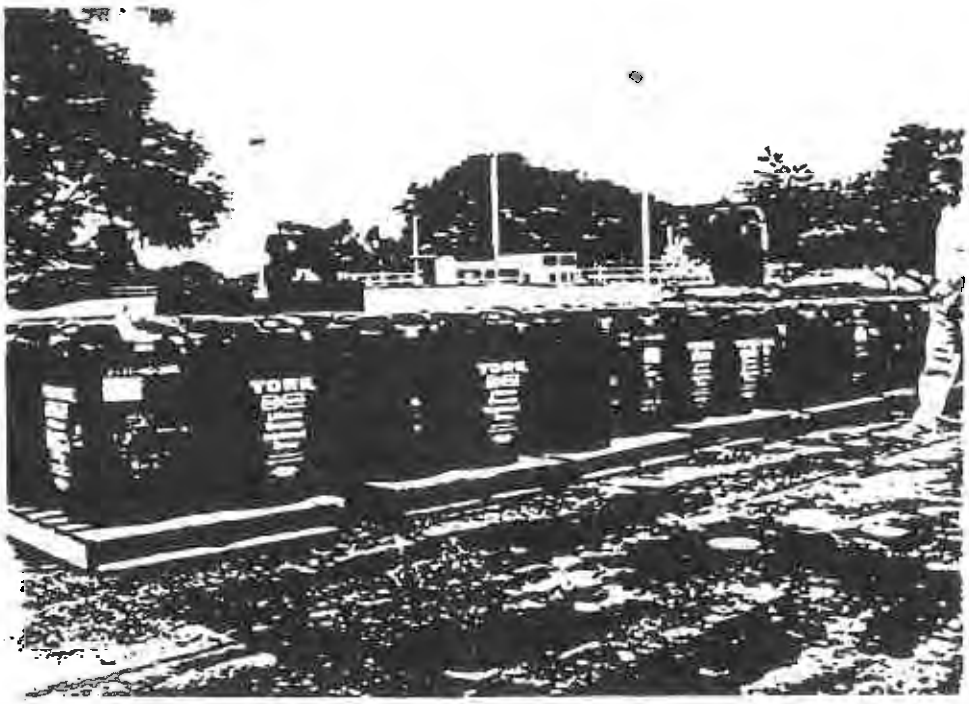
21. First phase of Wastewater Treatment System from below (pH adjustment, primary flocculator, primary clarifier) (SWMU 1), facing west.



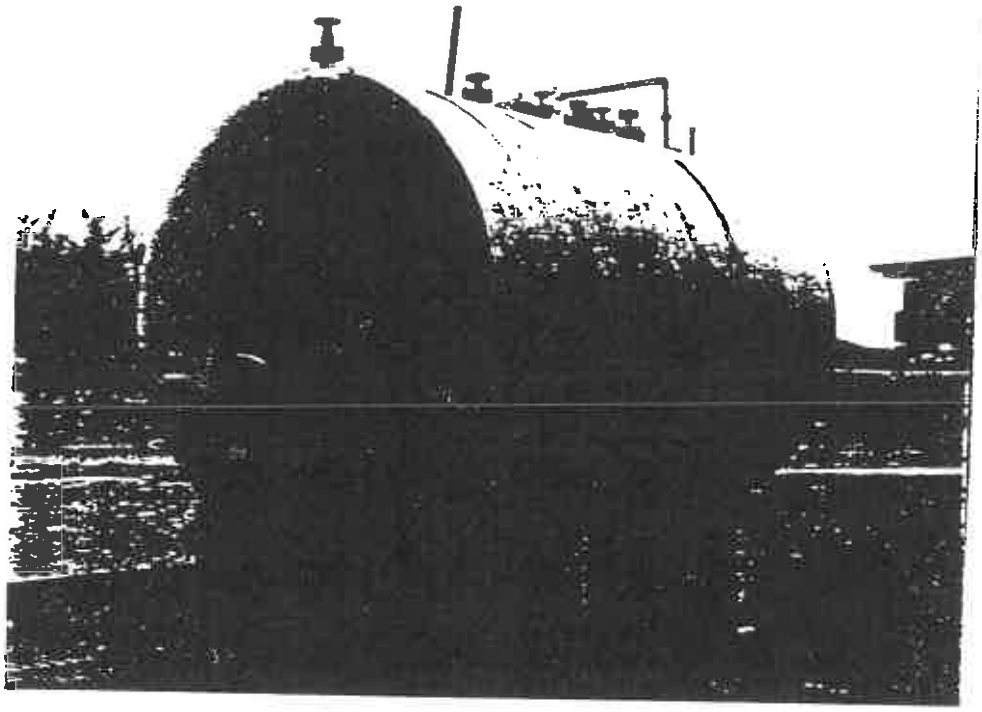
22. Digestor (hose in foreground is from Neutralization Sump) (SWMU 1), facing west.



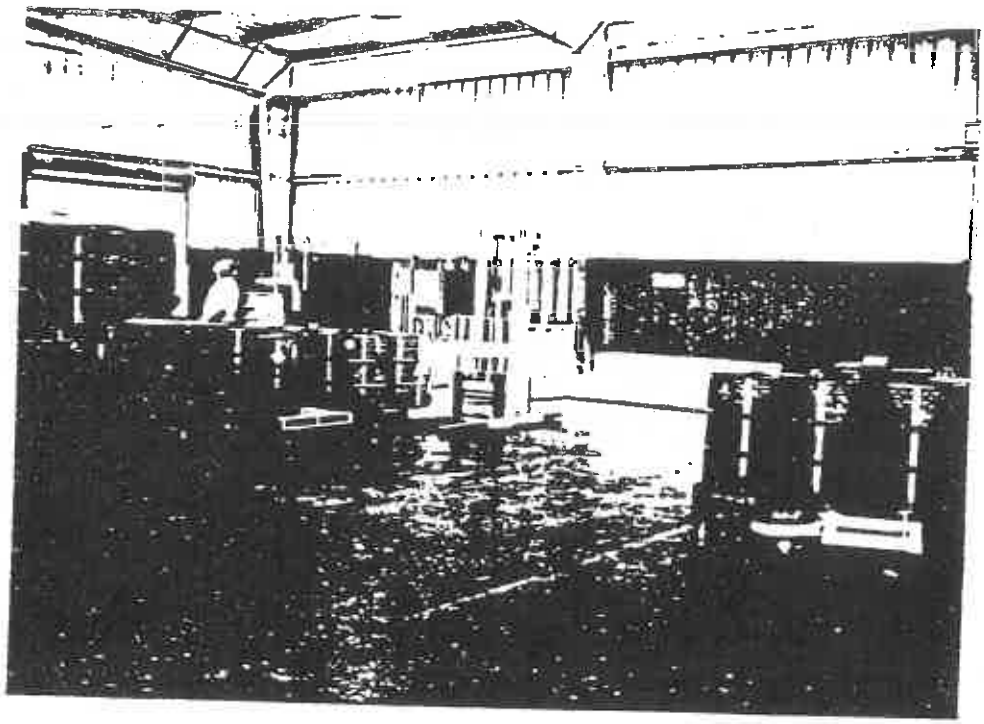
23. Lithium Bromide Storage Area (SWMU 4) (facing southwest).



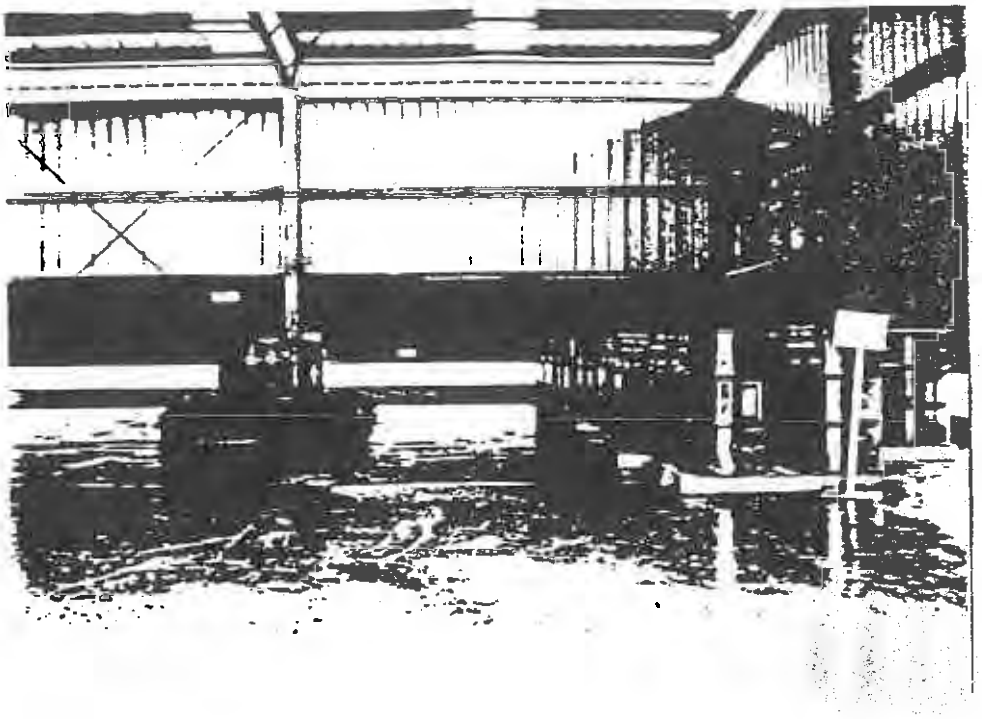
24. Lithium Bromide Storage Area (SWMU 4) (facing northeast).



25. Former Sewer Holding Tank (SWMU 5) (facing east), located in Lithium Bromide Storage Area (SWMU 4).

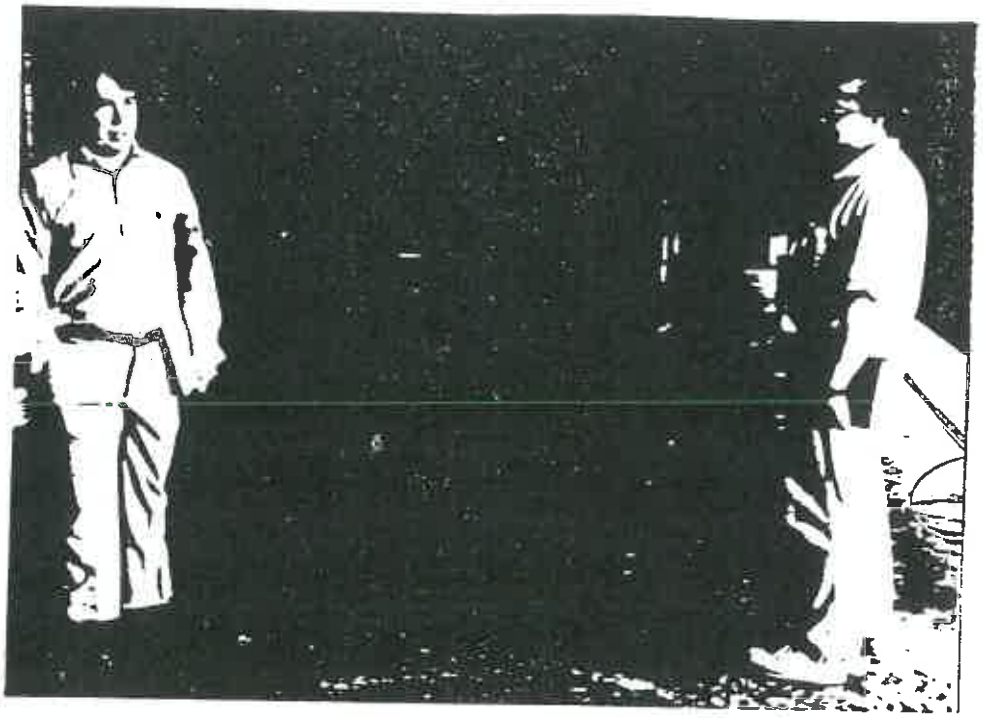


26. Hazardous Waste Drum Storage Building (SWMU 6).

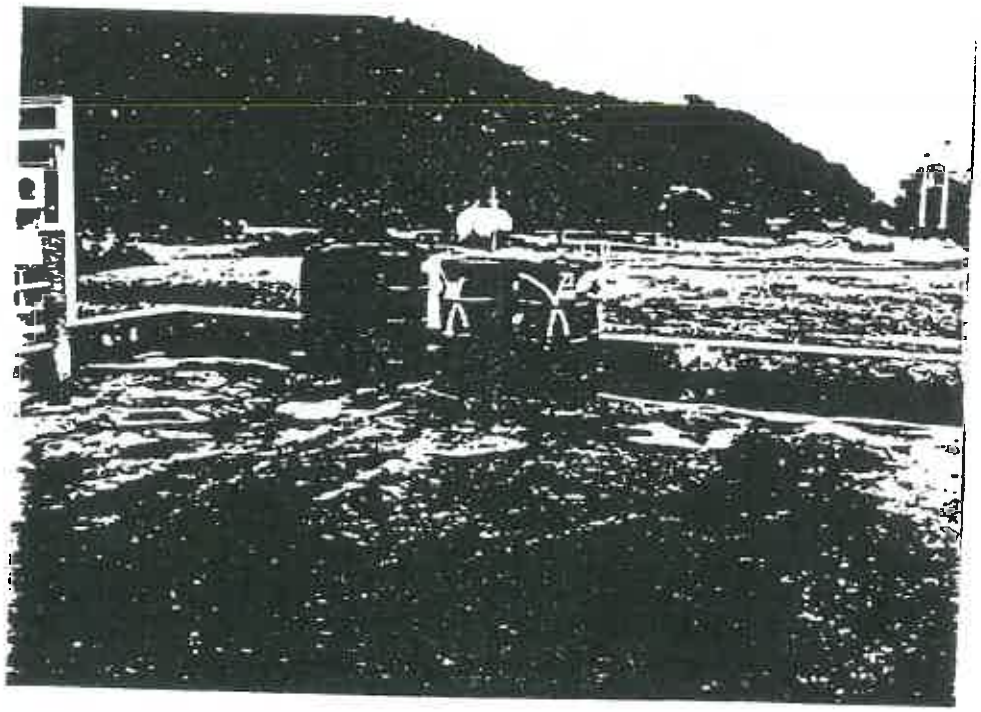


27. Hazardous Waste Drum Storage Building (SWMU 6).

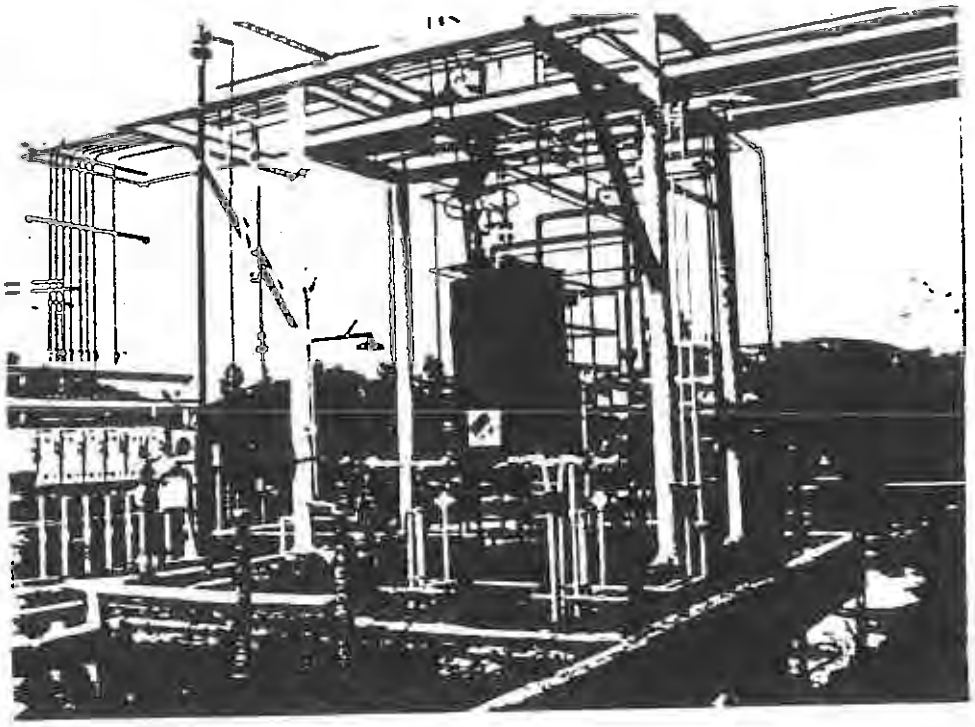
28. Hazardous Waste Drum Storage Building (SWMU 6).



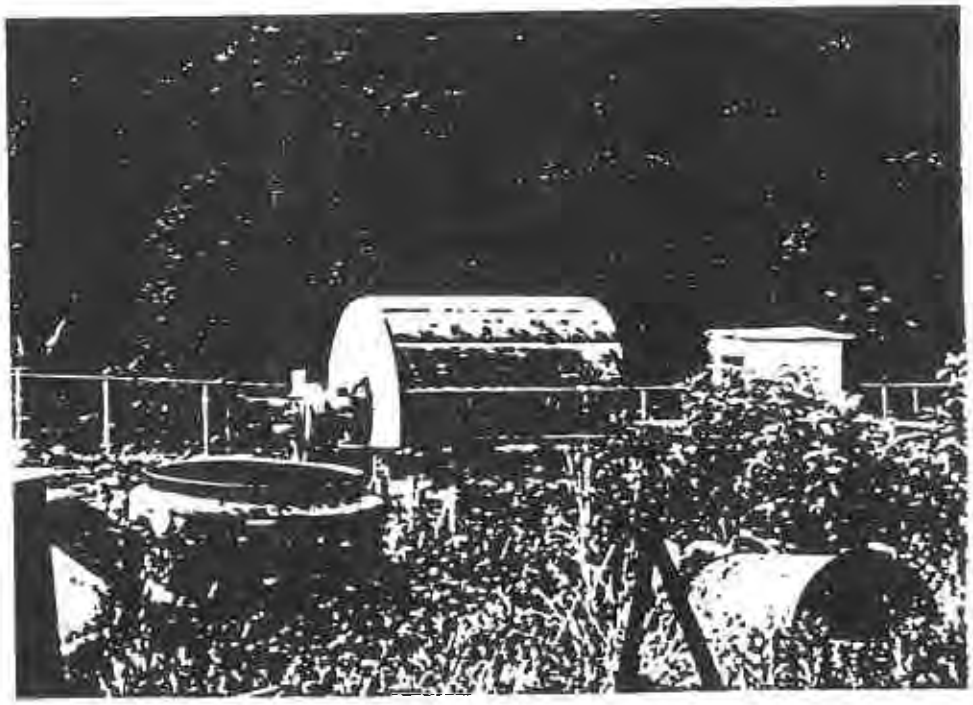
29. Drum Wash Area (inside Hazardous Waste Drum Storage Building) (SWMU 6).



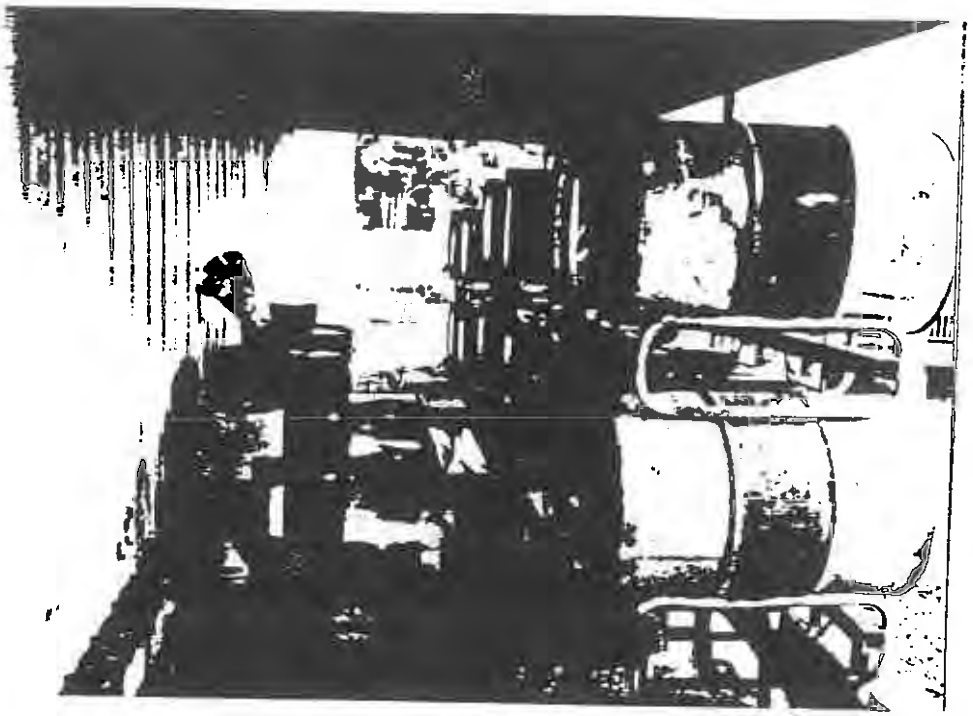
30. "Empty" Caustic Drum Storage Area (SWMU 7) (facing north).



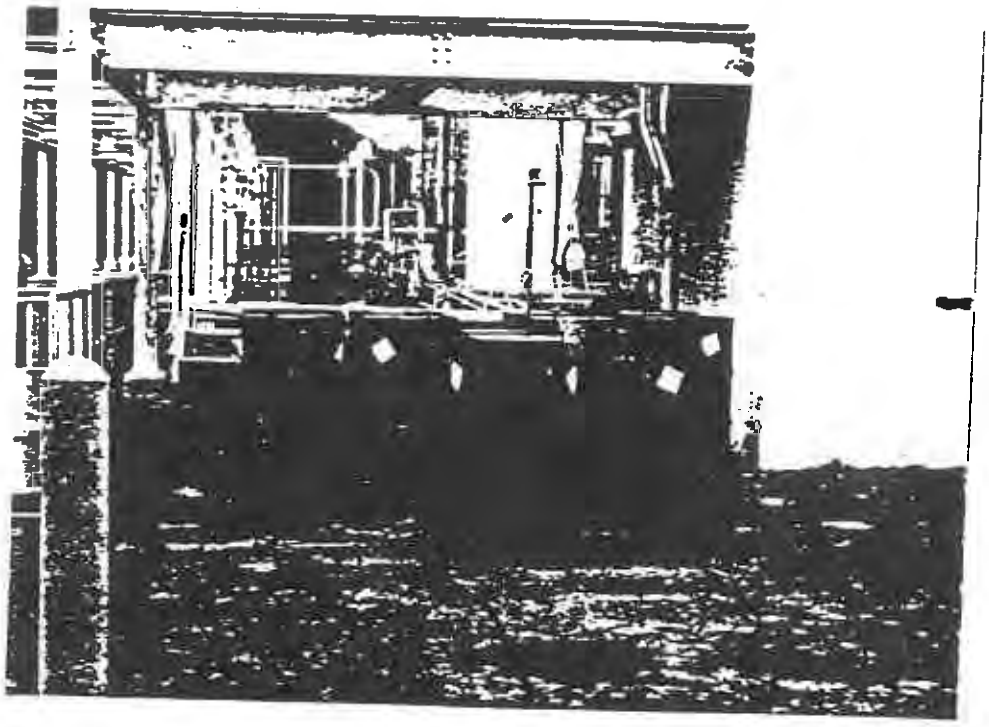
31. Solvent Recovery Unit (SWMU 10) (facing northeast).



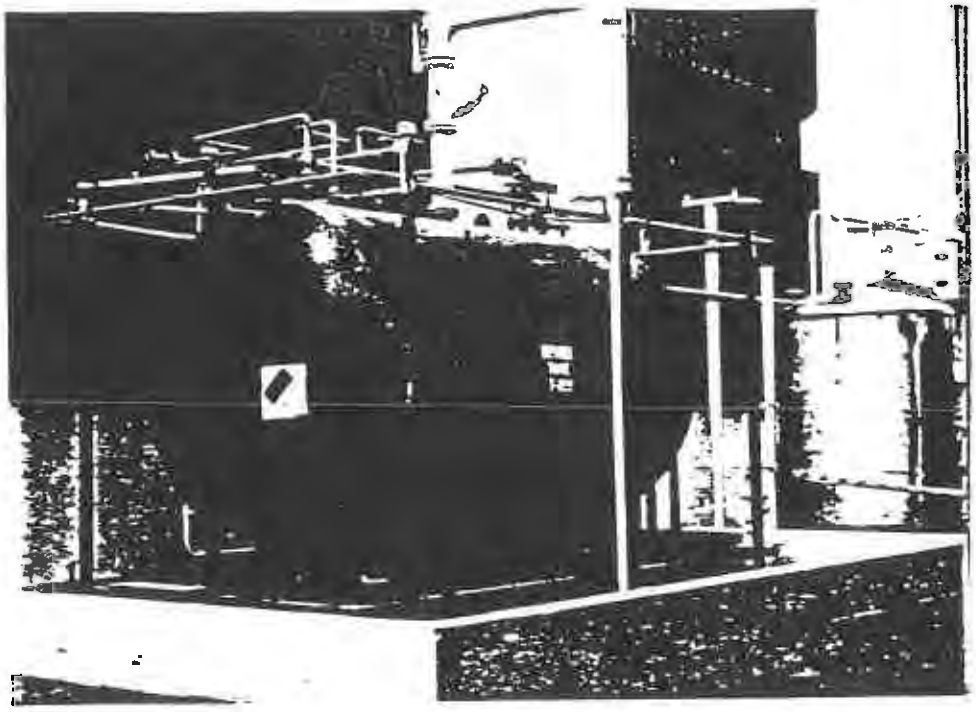
32. Former Vacuum (rotary) Drum Filter (SWMU 11) (facing northwest).



33. Waste Oil Storage Area (SWMU 8) (facing north). Note that spills on the concrete surface appeared to be water.

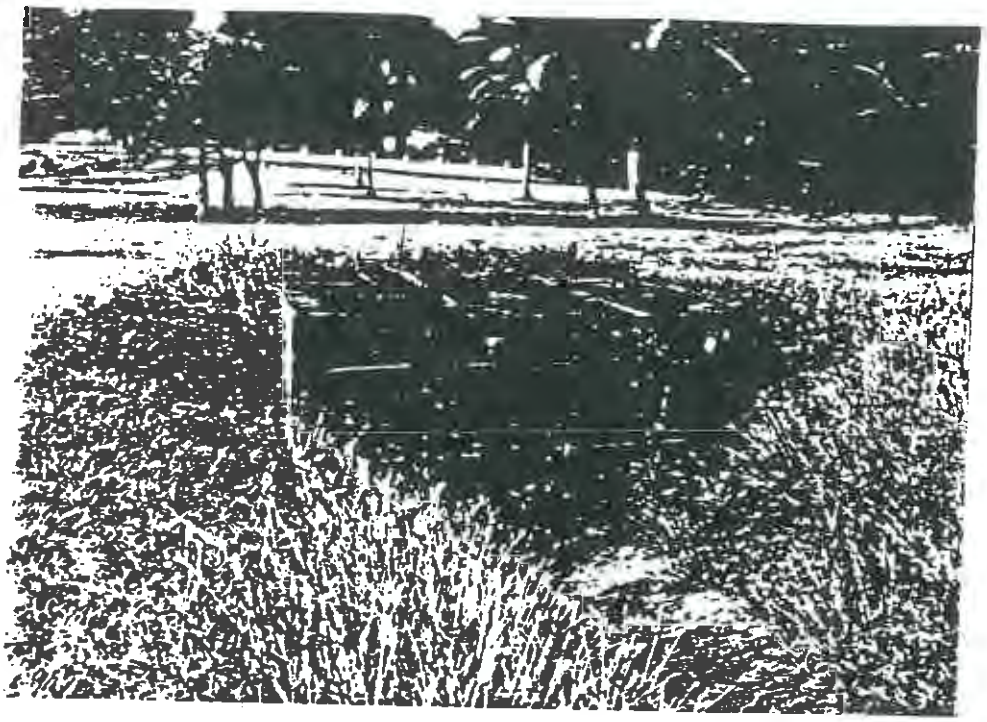


34. Satelite Storage Area (SWMU 13) - twelve toluene drums from Solvent Decanter Tank (SWMU 12).

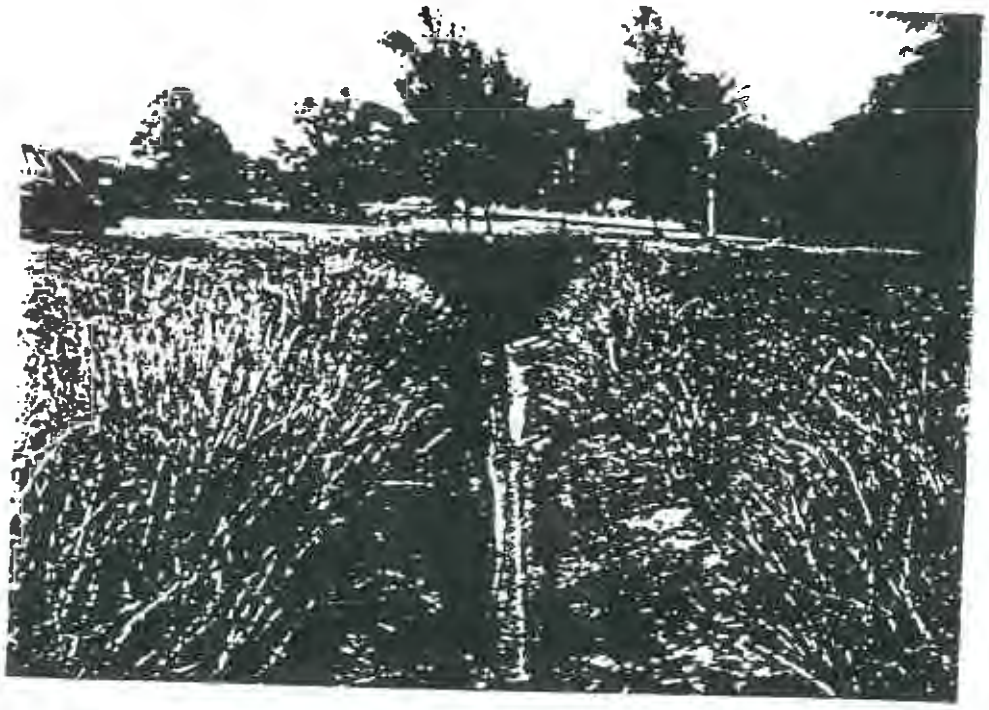


35. Solvent Decanter Tank (SWMU 12) (facing northwest).

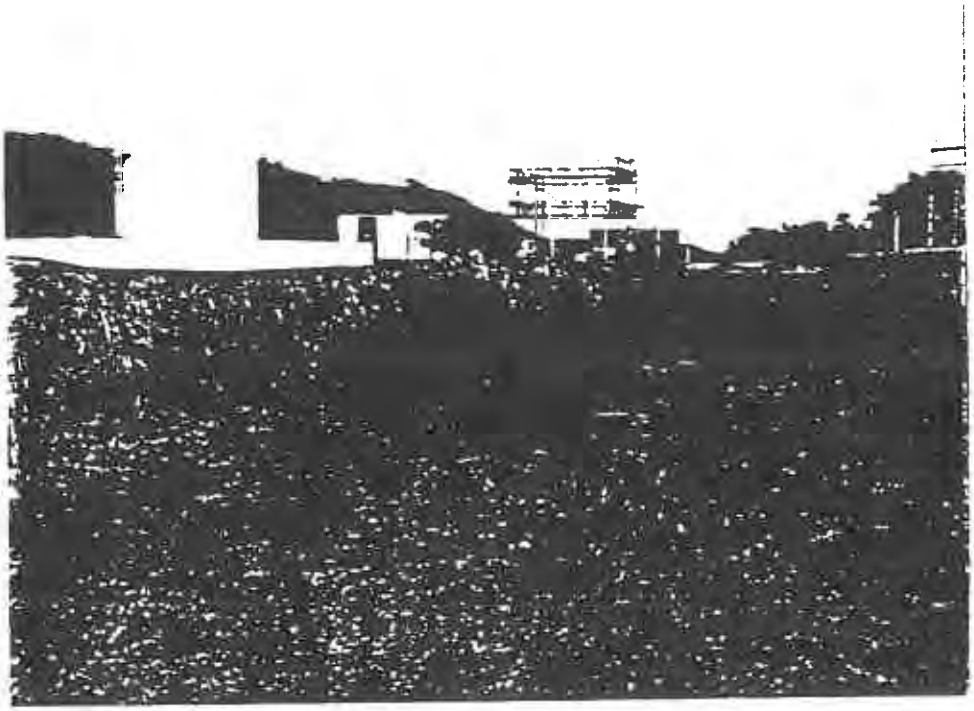
36. Southwest Sinkhole (SWMU 9) (facing south). Note old tires in center of photo, south side of sinkhole.



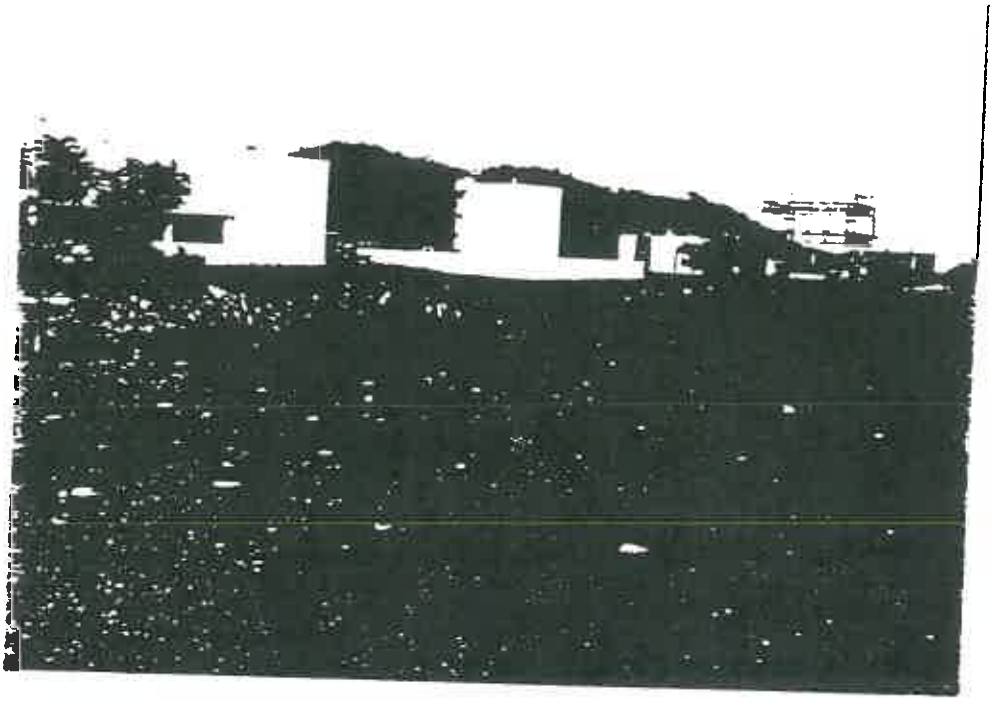
37. Southeast Sinkhole (SWMU 9) (facing north).



38. Concrete ditch leading to Southeast Sinkhole (SWMU 9) (facing north).



39. Center Sinkhole (SWMU 9) (facing north).



40. Center Sinkhole (SWMU 9) (facing north).

2.0 SAMPLING ACTIVITIES

2.1 Introduction

A sampling visit (SV) was conducted by the A. T. Kearney Team (ATK) at the Roche Products, Inc. facility in Manati, Puerto Rico, on March 18, 1989. The purpose of the SV was to collect samples from areas of suspected or known release in accordance with the approved sampling plan. Slight deviations from the original sampling plan were incorporated to accommodate field conditions, and were approved by the Field QC Officer. All deviations are discussed in detail in this report.

The ATK sampling team was comprised of representatives from Harding Lawson Associates (HLA) and K.W. Brown Associates (KWBA) and included:

Name	Company	Responsibility
Elani Gray	HLA	Field Team Leader/Safety Officer
Kathy Farr	HLA	Sampling Technician
Hector Lopez	HLA	Sampling Technician
David Perez	HLA	Sampling Technician
Doug Ucci	HLA	Sampling Technician
K.C. Donnelly	KWBA	Field QC Officer

2.2 Site Conditions

During the SV, the average temperature was 97°F, with partly cloudy skies and southeast winds ranging from 3 to 7 miles per hour. The ground at the facility was dry and hard. The naturally occurring soils include Bayamon Clay and Bayamon Sand Loam Limestone outcrops.

In general, all sampling locations at the Roche facility were accessible. However, because the ditch leading to the Southeast Sinkhole was concrete, a soil sample could not be collected. In addition, although water was presented in the sinkhole, it was not accessible for sampling due to a wire "cage" built around the entrance of the sinkhole to filter out leaves and brush.

2.3 Summary of Sampling Visit

Prior to the SV (0900 hours), the sampling team met with facility representatives Eileen Pagan, Alida Quinones, Jose Luis Perez, and Jose Lancia, to explain the objectives of the SV. At this time, facility representatives stated that they wished to receive split samples, and provided containers for these samples. Samples were collected at this facility between 0930 and 1505 hours on March 18, 1989.

The pH readings of all surface soil samples delineated in the approved sampling plan were not collected due to the equipment failure of the pH meter. The environmental samples prescribed in the approved sampling plan to be collected from Drainage Ditches to Sinkholes are denoted in this report as; Drainage Ditches to Northeast Sinkhole (2 samples); Drainage Ditches to Southwest Sinkhole (3 samples); Center Sinkhole (2 samples); and Drainage Ditch to Southeast Sinkhole (1 sample). See notes 1 through 4 of Table 2-1. These labeling changes were made to avoid confusion in the reporting of SV activities for this section of the report.

In general, all sampling locations at the Roche facility were accessible. However, because the ditch leading to the Southeast Sinkhole was concrete, a soil sample could not be collected. In addition, although water was present in this sinkhole, it was not accessible for sampling due to a wire "cage" built around the entrance of the sinkhole to filter out leaves and brush.

Ninteen samples were collected, including two background surface soil samples, two environmental surface water samples, one environmental sediment sample, ten environmental surface soil samples, and four equipment blanks. One trip blank was

prepared during the SV. Locations of all samples are shown on Figure 2-1. Table 2-1 lists all samples collected, describes sampling methods used and deviations from the sampling plan. Table 2-1 also includes details concerning each sample collected (see "Notes"). Table 2-2 lists the analyses requested for each sample. Individual analyses to be performed within each parameter grouping are those specified in the EPA/Contract Laboratory Program (CLP) statement of work (July, 1987 for inorganics, and October, 1986, with revisions, for organics).

FIGURE 2-1

ROCHE PRODUCTS, INC.
SAMPLING LOCATIONS

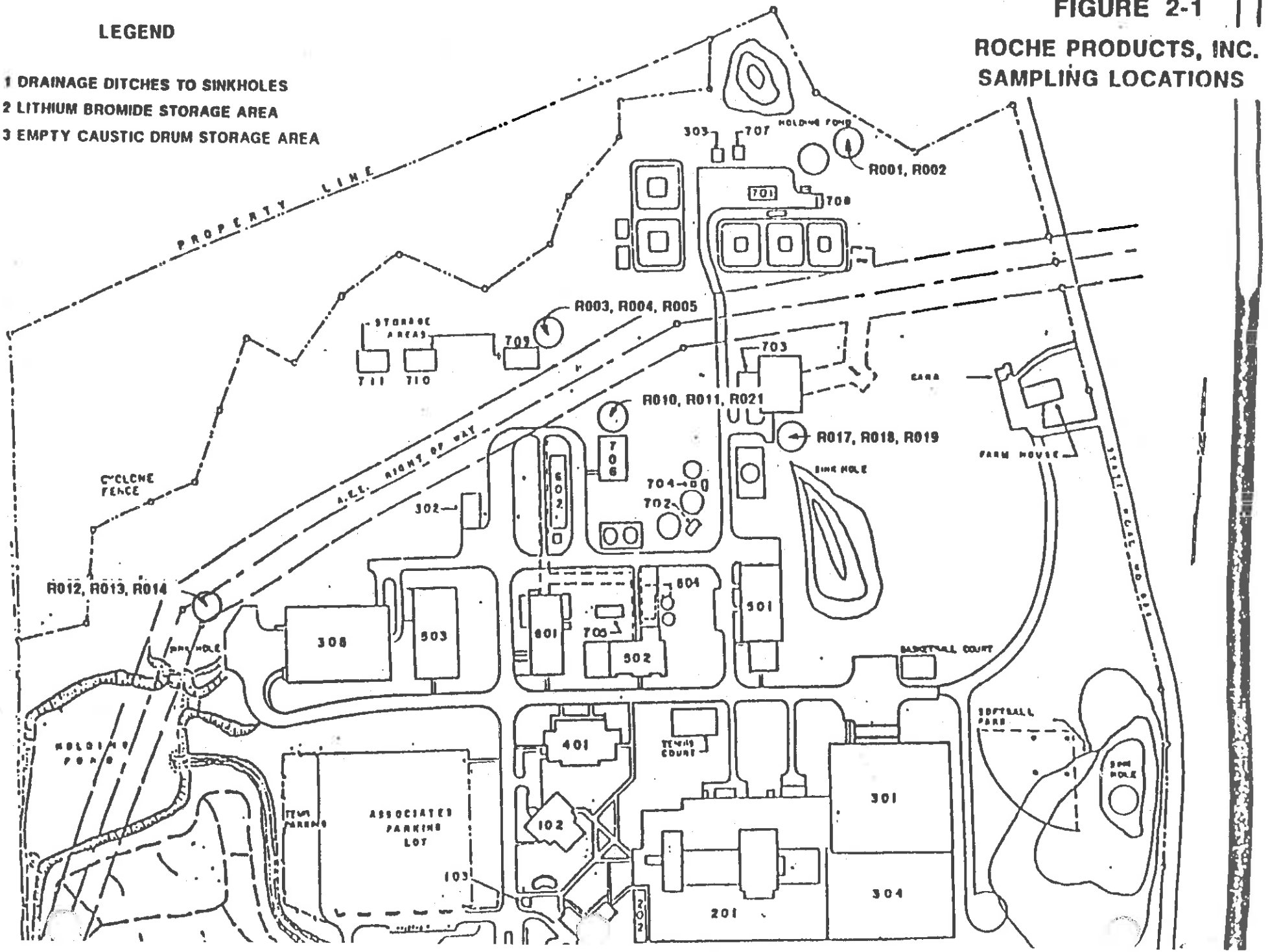


TABLE 2-1

SAMPLE IDENTIFICATION AND DEVIATIONS FROM SAMPLING PLAN
ROCHE PRODUCTS INC.
MANATI, PUERTO RICO

SAMPLING LOCATION	SAMPLE TYPE	SAMPLE NUMBER	PLANNED		ACTUAL*		SAMPLE TIME (MILITARY)	NOTES
			SAMPLING METHOD	SAMPLING DEPTH	SAMPLING METHOD	SAMPLING DEPTH		
Drainage Ditches to Northeast Sinkhole (No. 1)	Surface Soil	R001	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	0945	1,2
Drainage Ditches to Northeast Sinkhole (No. 2)	Surface Soil	R002	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1005	1,2
Drainage Ditches to Southwest Sinkhole (No. 1)	Surface Soil	R012	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1250	1,3
Drainage Ditches to Southwest Sinkhole (No. 2)	Surface Soil	R013	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1300	1,3
Drainage Ditches to Southwest Sinkhole (No. 3)	Surface Water	R014	Pond Sanpler	Grab	Pond Sampler	Grab	1310	1,3
Center Sinkhole (No. 1)	Surface Soil	R017	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1415	1,4
Center Sinkhole (No. 3)	Surface Water	R018	Pond Sampler	Grab	Pond Sampler	Grab	1420	1,4
Center Sinkhole (No. 2)	Surface Soil	R019	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1440	1,4
Drainage Ditch to Southeast Sinkhole	N/A	N/A	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	N/A		5
Lithium Bromide Storage Area No. 1	Surface Soil	R003	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1030	6
Lithium Bromide Storage Area No. 2	Surface Water	R004	Pond Sampler	Grab	Pond Sampler	Grab	1025	6
Lithium Bromide Storage Area No. 3	Sediment	R005	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1100	6

TABLE 2-1
(Continued)

SAMPLE IDENTIFICATION AND DEVIATIONS FROM SAMPLING PLAN
ROCHE PRODUCTS INC.
MANATI, PUERTO RICO

SAMPLING LOCATION	SAMPLE TYPE	SAMPLE NUMBER	PLANNED		ACTUAL*		SAMPLE TIME (MILITARY)	NOTES
			SAMPLING METHOD	SAMPLING DEPTH	SAMPLING METHOD	SAMPLING DEPTH		
Empty Caustic Drum Storage Area (No. 1)	Surface Soil	R010	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1210	7
Empty Caustic Drum Storage Area (No. 2)	Surface Soil	R011	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1225	7
Empty Caustic Drum Storage Area (No. 3)	Surface Soil	R021	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1505	7
Empty Caustic Drum Storage Area (No. 3) Duplicate	Surface Soil	R021D	NP	N/P	Stainless Steel Scoop	1-4"	1505	7
Background (No. 1)	Surface Soil	R015	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1330	8
Background (No. 2)	Surface Soil	R016	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4"	1355	8
Equipment Blank	N/A	R006	Glass Beaker	N/A	Glass Beaker	N/A	1120	9
Equipment Blank	N/A	R007	Stainless Steel Knife & Bowl	N/A	Stainless Steel Knife & Bowl	N/A	1130	9
Equipment Blank	N/A	R008	Stainless Steel Scoop	N/A	Stainless Steel Scoop	N/A	1140	9
Equipment Blank	N/A	R020	Stainless Steel Spoon	N/A	Stainless Steel Spoon	N/A	1455	9
Trip Blank	N/A	R009	N/A	N/A	N/A	N/A	1150	10

NOTE: N/A - Not Applicable
NP - Not Planned
NS - Not Sampled
* - See Notes for Description of Sampling Deviations

CONCLUSIONS

This section presents conclusions and suggested further actions for the Lithium Bromide Storage Area (SWMU 4), the Empty Caustic Drum Storage Area (SWMU 7) and the Sinkholes.

The five locations at which samples were taken were in the vicinity of the Lithium Bromide Storage Area (SWMU 4), the Empty Caustic Drum Storage Area (SWMU 7), and three sinkhole locations (SWMU 9) that receive surface water drainage from the facility. In addition, two background soil samples were taken. The locations of samples, sample numbers, and types of samples are summarized in Figure 1 and Table 1.

Some organic soil contamination was found in all but one soil sample, and some inorganic contamination was detected as well. A small amount of organic contamination was found in one of the two surface water samples, and no contamination was found in one of the two surface water samples and no contamination was detected in the one sediment sample that was taken. The analytical results for samples that were above detection limits are presented in Table 2.

Several samples had detectable results for parameters that are not presented in Table 2. The primary parameter for which this occurred was methylene chloride. This substance was detected at as high or higher levels in background samples than in the samples taken at the five target locations. This substance was also detected in some blanks. Consequently, the results for methylene chloride were considered inconclusive at best. High equipment blank readings were also detected for chloroform and bromodichlormethane. Consequently, these parameters were also not included in the analysis.

It should be noted that all of the organic results (except for those noted with an asterisk in Table 2) are considered estimated or "J" values. This is because sample holding times were slightly exceeded for these samples. These values, should be considered lower-limit values, because the excess holding time could only serve to reduce concentrations in samples due to the extra time available for contaminants to volatilize out of solution. Although these are estimated values, they are completely valid for determining the presence or absence of a contaminant.

Sinkhole #1 (SWMU 9) (Samples R001 and R002)

Both of the soil samples taken at this location contained some organic constituents that were not detected in the background soil samples, and sample R002 contained slightly elevated levels of mercury. Based on the presence of these substances, an RFI is suggested for this site. The RFI should consist of additional soil sampling with samples being analyzed for all Appendix IX constituents. Also, because the sinkhole is a direct conduit to ground water, the RFI should include installation and sampling of monitoring wells for all Appendix IX constituents.

Lithium Bromide Storage Area (SWMU 4) (Samples R003, R004, and R005)

One soil, one surface water, and one sediment sample were taken at this location. No organic contaminants were detected in the sediment, and only a trace amount of Bis(2-ethylhexyl)phthalate was detected in the surface water. On the other hand, low levels of inorganic contaminants were detected in the surface water and sediment samples. Organic substances Fluoranthene and Pyrene were detected in the one soil sample, however only at levels just above the detection limits. Because of the low concentrations of contaminants and the limited number of samples, it does not appear to be sufficient justification for conducting a full-fledged RFI at this location. However, the sampling results do indicate that there is some contamination present. Therefore, as part of the RFI process, it is suggested that additional soil samples be taken at this location and analyzed for all Appendix IX constituents.

Empty Caustic Drum Storage Area (SWMU 7) (Samples R010, R011, and R021)

Three soil samples were taken at this location. Relatively high levels of some organics were detected in all of the samples, and very high levels of lead and mercury were also detected in all of the samples. Based on these results, an RFI is suggested at this location. The RFI should include both soil and ground water sampling, with all samples being analyzed for all Appendix IX constituents.

Sinkhole #2 (SWMU 9) (R012, R013, and R014)

Two soil samples and one surface water sample were taken at this location. Other than a potentially significant level of 2.2 micrograms per liter of lead, nothing was detected in the water sample, and no significant contamination was detected in sample R013. On the other hand, sample R012 showed very high levels of many organic contaminants and somewhat elevated inorganic levels. Based on the results of this sample, an RFI should be conducted at this location. Since this sinkhole is a direct conduit to ground water, the RFI should include both soil and ground water sampling, with all samples being analyzed for all Appendix IX constituents.

Sinkhole #3 (SWMU 9) (R017, R018, and R019)

Two soil samples and one surface water sample were taken at this location. Lead was the only contaminant detected in the water sample, while many organics were detected in both soil samples. Therefore, an RFI should be

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conducted at this location. As with the other sinkholes, the RFI should include both soil and ground water sampling, with all samples being analyzed for all Appendix IX constituents.

In conclusion, based on the level of contamination detected in samples taken during the sampling visit, an RFI is recommended at all five of the locations sampled: the empty caustic drum storage area, the three sinkholes and the lithium bromide storage area.

The RFIs should include both soil and ground water sampling. It is suggested that soil samples be taken, via borings, to a depth just above the ground water, and that a minimum of three composite samples be taken from each boring. Borings should, at a minimum, be placed so that the total extent of soil contamination can be determined. Since the aquifer in this area is shallow, a ground water monitoring program is also suggested. Because of the wide separation of the contamination areas, individual well nets will need to be put in place for each area. Applicable EPA standards for ground water monitoring programs should, of course, be followed.

SAMPLE IDENTIFICATION AND DEVIATIONS FROM SAMPLING PLAN
ROCHE PRODUCTS
MANATI, PUERTO RICO

SAMPLING LOCATION	SAMPLE TYPE	SAMPLE NUMBER	PLANNED		ACTUAL*		SAMPLE TIME (MILITARY)
			SAMPLING METHOD	SAMPLING DEPTH	SAMPLING METHOD	SAMPLING DEPTH	
Drainage Ditches to Northeast Sinkhole (No.1)	Surface Soil	R001	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	0945
Drainage Ditches to Northeast Sinkhole (No.2)	Surface Soil	R002	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1005
Drainage Ditches to Southwest Sinkhole (No.1)	Surface Soil	R012	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1250
Drainage Ditches to Southwest Sinkhole (No.2)	Surface Soil	R013	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1300
Drainage Ditches to Southwest Sinkhole (No.3)	Surface Water	R014	Pond Sampler	Grab	Pond Sampler	Grab	1310
Center Sinkhole (No.1)	Surface Soil	R017	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1415
Center Sinkhole (No.3)	Surface Water	R018	Pond Sampler	Grab	Pond Sampler	Grab	1420
Center Sinkhole (No.2)	Surface Soil	R019	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1440
Drainage Ditch to Southeast Sinkhole	N/A	N/A	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	N/A	
Lithium Bromide Storage Area No. 1	Surface Soil	R003	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1030
Lithium Bromide Storage Area No. 2	Surface Water	R004	Pond Sampler	Grab	Pond Sampler	Grab	1025
Lithium Bromide Storage Area No. 3	Sediment	R005	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1100

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SAMPLE IDENTIFICATION AND DEVIATIONS FROM SAMPLING PLAN
ROCHE PRODUCTS INC.
MANATI, PUERTO RICO

SAMPLING LOCATION	SAMPLE TYPE	SAMPLE NUMBER	PLANNED		ACTUAL*		SAMPLE TIME (MILITARY)
			SAMPLING METHOD	SAMPLING DEPTH	SAMPLING METHOD	SAMPLING DEPTH	
Empty Caustic Drum Storage Area (No. 1)	Surface Soil	R010	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1210
Empty Caustic Drum Storage Area (No.2)	Surface Soil	R011	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1225
Empty Caustic Drum Storage Area No.3)	Surface Soil	R021	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1505
Empty Caustic Drum Storage Area (No.3) Duplicate	Surface Soil	R021D	NP	NP	Stainless Steel Scoop	1-4'	1505
Background (No.1)	Surface Soil	R015	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1330
Background (No.2)	Surface Soil	R016	Stainless Steel Scoop	0-1'	Stainless Steel Scoop	1-4'	1355
Equipment Blank	N/A	R006	Glass Beaker	N/A	Glass Beaker	N/A	1120
Equipment Blank	N/A	R007	Stainless Steel Knife & Bowl	N/A	Stainless Steel Knife & Bowl	N/A	1130
Equipment Blank	N/A	R008	Stainless Steel Scoop	N/A	Stainless Steel Scoop	N/A	1140
Equipment Blank	N/A	R020	Stainless Steel Spoon	N/A	Stainless Steel Spoon	N/A	1455
Trip Blank	N/A	R009	N/A	N/A	N/A	N/A	1150

NOTE: N/A - Not Applicable
N/P - Not Planned
N/S - Not Sampled
* - See Notes for Description of Sampling Deviations

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ROCHE PRODUCTS INC.

CARRETERA ESTATAL 8838 KM 27
MANATÍ • PUERTO RICO • 00701

APARTADO 489
MANATÍ • PUERTO RICO • 0

85 MAR 4 P1:19

February 28, 1985

Environmental Quality Board
P.O. Box 11488
Santurce, Puerto Rico 00910

ATTN: Eng. Jesús Medero

Dear Eng. Medero:

Pursuant to the Rule 503 A of the Solid Waste Regulation, we are submitting herein the Facility Annual Hazardous Waste Report covering the activities performed in the calendar year of 1984.

Please note that during 1984 all of our hazardous wastes were stored or treated on site. No hazardous waste were sent outside of our facility.

Attached you will also find the latest revision of our Facility Closure Plan. This revision has taken into consideration a reduction in the maximum drum storage capacity of our storage facility and its closure cost.

If you wish to obtain any additional information or documentation, please let us know.

Sincerely,

Edward Brown
President and General Manager

LJR/spa

Enclosures

Do not make entries in shaded areas

COMMONWEALTH OF PUERTO RICO / OFFICE OF THE GOVERNOR

FACILITY ANNUAL HAZARDOUS WASTE REPORT

Environmental Quality Board

This report is for the calendar year ending December 31,

AFFIX LABEL HERE

Please print/type with elite type (12 characters per inch)

GENERAL INSTRUCTIONS: If you received a preprinted label attached to the mailing envelope in which this form was enclosed, affix it in the space provided. If any of the information on the label is incorrect, draw a line through it and provide the correct information in the appropriate section below. If the information is correct and complete, leave Sections I, II, and III below blank. If you did not receive a preprinted label, complete all sections. REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM: The information requested in this report is required by law (Section 3004 of the Resource Conservation Recovery Act).

I. FACILITY EPA I.D. NUMBER

T.A.C

F P R D 0 9 0 5 8 4 1 5 2 1

1 2 13 14 15

II. NAME OF FACILITY

ROCHE PRODUCTS INC.

30 69

III. FACILITY MAILING ADDRESS

3 PO BOX 452

15 16 45

Street or P.O. Box

4 MANATI P R 0 0 7 0 1

15 16 41 42 47 51

City or Town State Zip Code

IV. LOCATION OF FACILITY (if different than section III above)

5 STATE ROAD #670

15 16 45

Street or Route number

6 MANATI P R 0 0 7 0 1

15 16 41 42 47 51

City or Town State Zip Code

V. FACILITY CONTACT

2 ALVARADO PEREZ, TOMAS

15 16 45

Name (last and first)

809 854 - 3020

46 55

Phone No. (area code & no.)

VI. COST ESTIMATES FOR FACILITIES

$ 198.000

16 19 22

Cost Estimate for Facility Closure

$

25 29 41

Cost Estimate for Post-Closure Monitoring and Maintenance

VII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

EDWARD BROWN PRESIDENT AND GENERAL MANAGER Edward Brown

Do not make entries in shaded areas

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

Date received: _____

Received by: _____

VIII. FACILITY'S EPA I.D. NO. TAC

F P R D 0 9 0 5 8 4 1 5 2 1

IX. GENERATOR'S EPA I.D. NO.

G

X. GENERATOR NAME (specify generator name whom all wastes on this page were received)

XI. GENERATOR ADDRESS

ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI, PUERTO RICO 00701

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	Unit of
	1	Corrosive Spend Acid Solution: Acetic and Hydrochloric Acid	D002 D001	T67	0.657	M
	2	Toluene Distillation Bottoms	F005	T67	0.181	M
	3	Acetone Distillation Bottoms	F003	T67	6.105	M
	4	Acetone Distillation Bottoms	F003	S01	0.493	M
	5	Distilled Acetic Acid	D001	T67	2.184	M
	6	Distilled Acetic Acid	D001	S01	0.655	M
	7	Methanol with Organic Residues	F003	T67	4.950	M
	8	Methanol with Organic Residues	F003	S01	1.485	M
	9	Ignitable Spent Solvents Ethanol, Acetone mixture	D001 F003	T67	3.125	M
	10	Ignitable Spent Solvents Ethanol, Acentone mixture	D001 F003	S01	0.658	M
	11	Methylene Chloride Still Bottoms	F002	T67	2.458	M
	12	Toluene Still Bottoms	F005	T67	2.711	M

XIII. COMMENTS (enter information by section number—see instructions)

Do not make entries in shaded areas

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

VIII. FACILITY'S EPA I.D. NO.

F	P	R	0	0	9	0	5	8	4	1	5	2	1	1
1	2											13	14	15

Date received: _____

Received by: _____

IX. GENERATOR'S EPA I.D. NO.

G														
16														28

X. GENERATOR NAME

XI. GENERATOR ADDRESS

ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI, PUERTO RICO 00701

XII. WASTE IDENTIFICATION

Sequence #	Line	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	
29 32	1	Toluene Still Bottoms	F005 (33 36 37 40)	T67	0.904	M
	2	Methylene Chloride Distillate	F002	T67	0.273	M
	3	Isopropanol with Organic Residues	D001	T67	1.141	M
	4	Isopropanol with Organic Residues	D001	S01	0.163	M
	5	Corrosive Spent Solution Acetic Acid and Hydrochloric Acid	D002 D001	T67	0.876	M
	6	Methylene Chloride and Toluene Distillate	F002 F005	T67	0.273	M
	7	Toluene with Organic Residues	F005	T67	0.902	M
	8	Ethanol with Organic Residues	D001	T67	0.658	M
	9	Toluene Distillation Bottoms	F005	S01	0.361	M
	10	O-Xylene with Organic Residues	F003	T67	0.916	M
	11	Ignitable Spent Solvent Toluene Methanol, Acetone, Isopropanol	F005 F003	T67	0.165	M
	12	and Ethanol Mixture				

XIII. COMMENTS (enter information by section number—see instructions)

Do not make entries in shaded areas

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

Date received: _____

Received by: _____

VIII. FACILITY'S EPA I.D. NO. TAC

F P R D 0 9 0 5 8 4 1 6 2 1

IX. GENERATOR'S EPA I.D. NO.

G

X. GENERATOR NAME (specify generator from whom all wastes on this page were received)

XI. GENERATOR ADDRESS

ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI, PUERTO RICO 00701

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste
	1	Corrosive Spent Lab. Reagents Sulfuric Acid, Silver, Mercury and Cromates	D002 D007 D009 D011	S01	1.098
	2	Acetic Acid and Perchloroethylene Mixture	D001 F003	T67	0.552
	3	Toluene with Organic Residues	F005	T67	3.067
	4	Acetone Waste	F003	T67	0.329
	5	Spent Solvent Mixture O.Xylene And Methanol	F003	T67	0.549
	6	Spent Solvnet Solution Methylene Chloride & Methanol	F002 F003	T67	0.227
	7	Spent Isopropyl Alcohol	D001	T67	0.653
	8	Acetone with Organic Residues	F003	T67	1.480
	9	Spent Solvent Solution Methanol and Isopropanol	F003	T67	2.475
	10	Spent Methanol Solution	F003	T67	2.310
	11	Corrosive Spent Acid Solution, Acetic and Hydrochloric Acid	D002 D001	T67	1.092
	12	Methanol with Organic Residues	F003	T67	0.495

XIII. COMMENTS (enter information by section number—see instructions)

Do not make entries in shaded areas

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

Date received: _____

Received by: _____

VIII. FACILITY'S EPA I.D. NO. TAC

F P R D 0 9 0 5 8 4 1 5 2 1

IX. GENERATOR'S EPA I.D. NO.

G

X. GENERATOR NAME (specify generator name, check all wastes on this page were received)

XI. GENERATOR ADDRESS

ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI, PUERTO RICO 00701

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	Unit of Wt.
	1	Spent Solvent Solution Methanol, Toluene	F003 F005	T67	1.716	M
	2	Toluene with Organic Residues	F005	S01	1.624	M
	3	Spent Aqueous Ammonia	D002	T67	0.207	M
	4	Toluene with Organic Residues	F005	T67	0.541	M
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					

XIII. COMMENTS (enter information by section number—see instructions)

ROCHE PRODUCTS INC.

CARRETERA ESTATAL [illegible] KM 2.1
MANATI • PUERTO RICO • [illegible]

APARTADO 487
MANATI • PUERTO RICO • [illegible]

February 5, 1986

Environmental Quality Board
P.O. Box 11488
Santurce, Puerto Rico 00910

Attention: Eng. Jesús Medero

Dear Mr. Medero:

Pursuant to the Rule 503 A of the Solid Waste Regulation, we are submitting herein the Facility Annual Hazardous Waste Report covering the activities performed in the calendar year of 1985.

Please note that during 1985 all of our hazardous wastes were stored or treated on site. No hazardous waste were sent outside of our facility.

If you wish to obtain any additional information or documentation, please let us know.

Sincerely,

Edward Brown
President and General Manager

LJR/dse

Enclosures

COMMONWEALTH OF PUERTO RICO / OFFICE OF THE GOVERNOR

Environmental Quality Board

FACILITY ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31,

AFFIX LABEL HERE

Please print/type with elite type (12 characters per inch)

GENERAL INSTRUCTIONS: If you received a preprinted label attached to the mailing envelope in which this form was enclosed, affix it in the space provided. If any of the information on the label is incorrect, draw a line through it and provide the correct information in the appropriate section below. If the information is correct and complete, leave Sections I, II, and III below blank. If you did not receive a preprinted label, complete all sections. REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM: The information requested in this report is required by law (Section 3004 of the Resource Conservation Recovery Act).

I. FACILITY EPA I.D. NUMBER

T.A.C.

1 F P R D 0 9 0 5 8 4 1 5 2 1 (1 2 ... 13 14 15)

II. NAME OF FACILITY

30 ROCHE PRODUCTS INC. 69

III. FACILITY MAILING ADDRESS

3 PO BOX 452 (15 16 ... 45)

Street or P.O. Box

4 MANATI (15 16) | PR (41 42) | 00701 (43 ... 51)

City or Town | State | Zip Code

IV. LOCATION OF FACILITY (if different than section III above)

5 STATE RD# 670 KM 2.7 (15 16 ... 45)

Street or Route number

6 MANATI (15 16) | PR (41 42) | 00701 (43 ... 51)

City or Town | State | Zip Code

V. FACILITY CONTACT

2 ALVARADO PEREZ, TOMAS (15 16 ... 45)

Name (last and first)

809 854 3020 (46 ... 55)

Phone No. (area code & no.)

VI. COST ESTIMATES FOR FACILITIES

$ 1.9 8 .000 (15 16 19 20)

Cost Estimate for Facility Closure

$ (23 24 25)

Cost Estimate for Post-Closure Care and Maintenance

VII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

EDWARD BROWN — PRESIDENT AND GENERAL MANAGER — Edward Brown

Name (Type or Print) — Title — Signature of Authorized Representative — Date Signed

Do not make entries in shaded areas

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

Date received: _____

Received by: _____

VIII. FACILITY'S EPA I.D. NO. TAC

F P R D 0 9 0 6 8 4 1 5 2 1 1

1 2 13 14 15

IX. GENERATOR'S EPA I.D. NO.

G

16 28

X. GENERATOR NAME (specify generator from whom all wastes on this page were received)

XI. GENERATOR ADDRESS

ROCHE PRODUCTS INC.
PO BOX 452
MANATI, PR 00701

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	E. Unit of Measure
29 32	1	Acetone Still Bottoms	F 0 0 3 (33 36 37 40; 41 44 45 48)	T 6 7	1.3 1 6	M
	2	Acetone Still Bottoms	F 0 0 3	S-01	1.1 5 1	M
	3	Distilled Acetic Acid	D 0 0 1	T 6 7	1.0 9 2	M
	4	Methanol and Organic Residue	F 0 0 3	T 6 7	3.1 3 5	M
	5	Methanol and Organic Residue	F 0 0 3	S-01	2.4 7 5	M
	6	Ethanol and Organic Residue	D 0 0 1	T 6 7	0.9 8 7	M
	7	Ethanol and Organic Residue	D 0 0 1	S-01	0.4 9 3	M
	8	Acetone Still Bottoms	F 0 0 3	T 6 7	0.8 2 2	M
	9	Methanol Isopropanol Mix	F 0 0 3	T 6 7	0.1 6 5	M
	10	Isopropanol and Organic Residue	D 0 0 1	T 6 7	0.6 5 3	M
	11	Isopropanol and Organic Residue	D 0 0 1	S-01	0.9 8 0	M
	12	Toluene Still Bottoms	F 0 0 5	T 6 7	2.3 4 5	M

XIII. COMMENTS (enter information by section number—see instructions)

Do not make entries in shaded areas

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

Date received: _____

Received by: _____

VIII. FACILITY'S EPA I.D. NO.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F	P	R	D	0	9	0	5	8	4	1	5	2		

IX. GENERATOR'S EPA I.D. NO.

16										25
G										

X. GENERATOR NAME (If an alphabetic generator must sign all manifests on this page were received)

XI. GENERATOR ADDRESS

ROCHE PRODUCTS INC.
PO BOX 452
MANATI, PR 00701

XII. WASTE IDENTIFICATION

Sequence No.	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	E. Unit of Measure
1	Ethanol and Organic Residue	D 0 0 1	T 6 7	0 4 9 3	M
2	Toluene with Organic Residue	F 0 0 5	S-01	0 3 6 1	M
3	Toluene Still Bottoms	F 0 0 5	T 6 7	2 1 6 5	M
4	Toluene Still Bottoms	F 0 0 5	S-01	2 8 8 6	M
5	Toluene and Wastewater	F 0 0 5	T 6 7	0 5 4 1	M
6	Corrosive Spent Lab,	D 0 0 2 / D 0 0 7 / D 0 0 9 / D 0 1 1			
7	Reagents, Sulfuric Acid				
8	Silver Mercury and Chromates		S-01	1 0 9 8	M
9	Toluene and Organic Residue	F 0 0 5	T 6 7	0 7 2 2	M
10	Toluene and Organic Residue	F 0 0 5	S-01	0 1 8 0	M
11	Methanol and Toluene Solution	F 0 0 3 / F 0 0 5	T 6 7	0 6 6 0	M
12	Methanol with Organic Residue	F 0 0 3	T 6 7	0 3 3 0	M

XIII. COMMENTS (enter information by section number—see instructions)

Line number 6 through 8, columns A through E are all a description of one (1) waste.

Do not make entries in shaded areas.

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

Date received: _____

Received by: _____

VIII. FACILITY'S EPA I.D. NO. TAC

F P R D 0 9 0 5 8 4 1 5 2 1

1 2 13 14 15

IX. GENERATOR'S EPA I.D. NO.

G

16 28

X. GENERATOR NAME (specify generator from whom all waste on this page were received)

XI. GENERATOR ADDRESS

ROCHE PRODUCT INC.
PO BOX 452
MANATI, PR 00701

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	E. Unit of Measure
29 32	1	Methanol with Organic Residue	F 0 0 3 (33 36 37 40; 41 44 45 48)	T 6 7 (49 51)	0.3 3 0 (52 60)	M (61)
	2	Methanol with Organic Residue	F 0 0 3	T 6 7	0.3 3 0	M
	3	Methanol with Organic Residue	F 0 0 3	T 6 7	0.6 6 0	M
	4	Spent Methanol Solution	F 0 0 3	T 6 7	0.3 3 0	M
	5	Broken Thermometers	D 0 0 9	S-01	0.0017	M
	6					
	7					
	8					
	9					
	10					
	11					
	12					

XIII. COMMENTS (enter information by section number—see instructions)

APPENDIX D

NOVEMBER, 1987 WELL AND LEACHATE DATA

RP-COR-002A

INTEROFFICE CORRESPONDENCE

ROCHE

TO: Mr. Jose Garcia

DATE: December 1, 1987

FROM: Iris Kuilan

SUBJECT: Hazardous Material List

Attached please find the list of hazardous materials covered under Title III. This information corresponds to 1986 and 1987 inventories.

If you have any questions, please call me at extension 368.

C: Mr. Edgardo Hernandez
Mr. Eliezer Otero

IK/ba

HAZARDOUS MATERIAL LIST COVERED UNDER TITLE III

1987

CODE	PRODUCT	MAXIMUM QUANTITY (kg.) IN STOCK	DAILY AVERAGE QUANTITY (kg.) IN STOCK
19045	Blue Opaspray	320	187
19380	Methylene Chloride (Pharm)	5,465	3,737
19430	White Opaspray	157	117
19490	Green Opaspray	32	9
19571	Pink Opaspray	48	4
19572	Peach Opaspray	73	66
19577	Orange Opaspray	29	19
19578	Yellow Opaspray	55	55
20994	FD & C Yellow #6	138	137
22015	Acetic Acid Glacial	19,827	8,960
22025	Acetone	17,400	13,397
22055	Alcohol 3A	4,890	3,465
22060	Alcohol 2B	29,259	22,174
22140	Ammonia Agua	12,920	12,709
22146	Ammonia Gas	4,122	1,659
22520	Sodium Hydroxide	40,049	32,151
22555	Charcoal Noril	433	363
22733	Diethyl Aminoethyl Chloride Hydrochloride	4,520	4,520
22775	Dimethyl Sulfate	3,040	2,534
22590	Chloro Acetyl Chloride	3,296	1,256
23075	Hydrochloric Acid (Muriatic Acid)	1,150	721
23100	Hydrogen Chloride	408	190
23210	Isopropyl Alcohol (Pharm)	1,391	889

CODE	PRODUCT	MAXIMUM QUANTITY (kg.) IN STOCK	DAILY AVERAGE QUANTITY (kg.) IN STOCK
23211	Isopropyl Alcohol (Chemical)	10,236	10,236
23530	Methanol	24,711	14,460
23535	Methyl Bromide Gas	113	113
23545	Methylene Chloride (Chemical)	27,858	25,967
23625	Mono Methyl Amine Anhydrous	3,005	1,316
23696	Nitric Acid	23,220	22,785
23743	Ortho Xylene	1,445	1,445
23951	Potassium Hydroxide	5,778	5,635
24295	Sodium Methylate	11	11
24415	Sulfuric Acid	3,613	1,015
24530	Toluene	31,020	26,278

HAZARDOUS MATERIAL LIST COVERED UNDER TITLE III

1986

CODE	PRODUCT	MAXIMUM QUANTITY IN STOCK (kg.)	DAILY AVERAGE QUANTITY IN STOCK (kg.)
19045	Blue Opaspray	198	123
19380	Methylene Chloride (Pharm)	5,850	4,300
19430	White Opaspray	199	139
19490	Green Opaspray	19	12
19571	Pink Opaspray	48	48
19572	Peach Opaspray	73	70
19577	Orange Opaspray	68	48
19578	Yellow Opaspray	57	57
20994	FD & C Yellow #6	48	47
22015	Acetic Acid Glacial	7,368	7,368
22025	Acetone	23,940	23,070
22055	Alcohol 3A	5,167	3,838
22060	Alcohol 2B	24,100	16,824
22140	Ammonia Agua	18,360	16,673
22146	Ammonia Gas	4,062	2,201
22520	Sodium Hydroxide	41,040	37,810
22555	Charcoal Noril	817	634
22733	Diethyl Aminoethyl Chloride Hydrochloride	3,031	2,356
22775	Dimethyl Sulfate	4,178	2,100
22590	Chloro Acetyl Chloride	5,799	5,799
23075	Hydrochloric Acid (Muriatic Acid)	1,214	472
23100	Hydrogen Chloride	1,695	1,455
23210	Isopropyl Alcohol (Pharm)	1,201	882

CODE	PRODUCT	MAXIMUM QUANTITY IN STOCK (kg.)	DAILY AVERAGE QUANTITY IN STOCK (kg.)
23211	Isopropyl Alcohol (Chemical)	30,151	18,956
23530	Methanol	34,202	24,976
23535	Methyl Bromide Gas	236	130
23545	Methylene Chloride (Chemical)	16,299	10,095
23625	Mono Methyl Amine Anhydrous	3,241	3,241
23696	Nitric Acid	18,900	15,448
23743	Ortho Xylene	400	310
23951	Potassium Hydroxide	3,247	2,049
24295	Sodium Methylate	100	51
24415	Sulfuric Acid	4,523	4,523
24530	Toluene	30,976	22,370

	Initials	Date
Prepared By		
Approved By		

Hazardous Material List Covered Under Title III
1990

Kgs.

	Code	Product	1 Maximum Daily Amount	2 Average Daily Amount	3 Number of Days on Site	4 Type of Storage	5 Storage Locations: Warehouse 301	6 Storage Locations: Warehouse 302	7 Storage Locations: Chemical 601	8 Storage Locations: Pharmacy 201
1	19-045	Opaspray Blue	71	48		Bottles	X			X
2	19-222	Ethylcellulose	56	32		Bag	X			X
3	19-286	Index A	63	28		Drum	X			X
4	19-287	Index B	636	448		Drum	X			X
5	19-378	Hydroxypropyl Methylcellulose	501	305		Drum	X			X
6	19-380	Methylene Chloride	3578	2408		Drum		X		X
7	19-430	Opaspray White	66	52		Bottle	X			X
8	19-571	Opaspray Pink	28	28		Bottle	X			X
9	19-572	Opaspray Peach	66	62		Bottles	X			X
10	19-577	Opaspray Orange	13	3		"	X			X
11	19-578	Opaspray Yellow	43	43		Bottles	X			X
12	19-709	Triacetin	262	173		Drum	X			X
13	20-060	Microcrystalline Cellulose	183	54		Drum	X			X
14	20-157	FDC Blue	4	3		Bottles	X			X
15	20-190	Corn Starch	4915	3498		Drum	X			X
16	20-236	Starch USP	7010	3472		"	X			X
17	20-263	Corn Starch	2817	1499		Bag	X			X
18	20-276	Calcium Stearate	196	125		Bag	X			X
19	20-478	Lactose Anhydrous	41288	22395		Drum	X			X
20	20-518	Lactose Hydrous	8359	4327		"	X			X
21	20-534	Magnesium Stearate	335	189		Bag	X			X
22	20-680	Plasdone	678	452		Drum	X			X
23	20-824	Pregelatinized Starch	1551	1133		"	X			X
24	20-830	Corn Starch	44	23		"	X			X
25	20-911	Talc	1132	766		Bag	X			X
26	20-983	DC Yellow 10	17	8		Bottle	X			X
27	20-994	FDC Yellow 6	127	126		"	X			X
28	22-055	Alcohol 3A	3166	2061		Drum		X		X
29	23-210	Isopropyl Alcohol	1051	795		"		X		X
30	19-490	Opaspray Green	16	8		Bottles	X			X
31										
32										
33	20-305	Quazen 5.0 mg Capsules	1375000	1375000		Drum	X			X
34	20-312	Quazen 2.5 mg Capsules	882000	482000		Drum	X			X
35	20-556	Dalmane 15 mg Capsules	34960000	18365000		"	X			X
36	20-557	Librax Capsules	44951000	31251000		"	X			X
37	20-558	Librium 5 mg Capsules	11592000	6325000		"	X			X
38	20-559	Librium 10 mg Capsules	22200000	15600000		"	X			X
39	20-560	Librium 25 mg Capsules	15774000	10440000		"	X			X
40	20-581	Dalmane 30 mg Capsules	28566000	19011000		"	"			
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										

© WILSON JONES COMPANY U.S.A. • "COLUMN WRITE" G7608B PROOED • WG7608B "WYRING" BOUND

	Initials	Date
Prepared By		
Approved By		

1 lbs = .4536 kgs

COLUMN WRITE®

	Code	Product	1 Maximum Daily Amount	2 Average Daily Amount	3 Number of Days on Site	4 Type of Storage	5 Storage Location: Warehouse 301	6 Storage Location: Warehouse 302	7 Storage Location: Chemical 601	8 Storage Location: Pharmacy 701
1	22-015	Acetic Acid	23030	3354	365	Tank & Drum		X	X	
2			11574	9420		Tank			X	
3	22-025	Acetone	18030	12358		Tank			X	
4	22-060	Alcohol 2B	6486	5837		Tank			X	
5	22-140	Ammonia Anhydrous	1730	1568		Cylinder		X	X	
6	22-146	Ammonium Hydroxide	8385	7506		Drum	X		X	
7	22-148	Chloroamine Ketone	16598	9518		Tank				
8	22-530	Caustic Soda	260	176		Bag				
9	22-535	Charcoal Dust	8173	3478		Drum		X	X	
10	22-570	Chloroethyl Chloride	7600	2400		Drum	X		X	
11	22-232	Dibenzofuran	5830	2364		"	X		X	
12	22-733	Diethylamino ethyl chl.	1988	1164		"		X	X	
13	22-775	Dimethyl Sulfate	4110	3988		"	X		X	
14	22-953	Flame Proof Compound	4822	2149		"		X	X	
15	23-075	Hydrochloric Acid	650	346		Cylinder		X		
16	23-100	Hydrogen Chloride Gas	4878	1030		Bag	X		X	
17	23-123	Hydroxylammonium Sulfate	274	171		"	X		X	
18	23-130	Hyflo Super Cel	17271	11685		Drum & Tank		X	X	
19	23-211	Isopropyl Alcohol	24308	12368		" "		X	X	
20	23-530	Methanol	22	22		Cylinder		X		
21	23-535	Methyl Bromide Gas	10801	10493		Drum		X	X	
22	23-545	Methylene Chloride	51	51		Drum	X			
23	23-552	Methyl Benzilate	3715	1560		Cylinder		X	X	
24	23-625	Mono Methyl Amine Gas	681	681		Cylinder		X		
25	23-645	Muriatic Acid	11610	10400		Drum			X	
26	23-696	Nitric Acid	3418	3408		Tank			X	
27	23-743	Ortho Xylene	4136	3025		Drum	X		X	
28	23-951	Potassium Hydroxide	361	361		Drum	X			
29	24-075	Quinuclidinol	595	163		Drum	X		X	
30	24-295	Sodium Bicarbonate	34	34		Drum	X			
31	24-360	Sodium Methylate	39	39		Bag	X			
32	24-415	Sodium Flake	3175	903		Drum	X		X	
33	24-530	Sulfuric Acid	29700	17055		Tank			X	
34	52-203	Toluene	2452	2452		Drum	X			
35										
36		Chemical Intermediates								
37										
38	52 303	Oxime	2210	2040		Drum	X		X	
39	52 305	Chloro Compound	3000	2666		"			X	
40	52 306	Lithium Amide	2235	1665		"	X		X	
41	52 308	Lithium Base	1440	1206		"	X		X	
42										
43	50 826	Fluoro Isatoic	1553	667		"	X		X	
44	50 829	Fluoro Amide	1800	1800		"	X		X	
45	50 830	Fluoro Ester	950	950		"	X		X	
46										
47	52 206	Deoxyglucose	2372	1186		"	X		X	
48	52 209	Diazepam Amide	1085	1000		"	X		X	
49										
50	55424	Cadmium Bromide Amide	45	45	365	"	X		X	

ROCHE Roche Products

Roche Products Inc.
State Road 670 - Km. 2.7
P.O. Box 452
Manatí, Puerto Rico 00674-0452

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

July 1, 1994

Environmental Quality Board
Emergency Response and Remedial Office
National Plaza #431
Ponce de León Avenue
Hato Rey, PR 00917

Dear Sir/Madam:

In accordance with section 313, Title III of the Superfund Amendments and Reauthorization Act of 1986 enclosed please find Toxic Chemical Release Inventory Forms (EPA FORM R's), for the listed chemical substance Naphthalene. Reports are being submitted for reporting years 1987-1992 for Roche Products, Inc. located in Manatí, Puerto Rico. Our TRI Facility number is 00701RCHPRSTATE.

New information has been identified through the use of a Material Safety Data Sheet (MSDS) which indicates that Naphthalene is a component of the fuel Kerosene and the quantity present may exceed the reportable concentration.

If you have any questions, please contact us at (809) 854-3020, Extension 2112.

Respectfully,

ROCHE PRODUCTS INC.

Mattie S. Muñoz
Regulatory Affairs
Manager

MM/jm
RPI No. 19294

ROCHE **Roche Products**

Roche Products Inc.
State Road 670 - Km. 2.7
P.O. Box 452
Manatí, Puerto Rico 00674-0452

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

July 1, 1994

EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348

Attn: Toxic Chemical Release Inventory

Dear Sir/Madam:

In accordance with section 313, Title III of the Superfund Amendments and Reauthorization Act of 1986 enclosed please find Toxic Chemical Release Inventory Forms (EPA FORM R's), for the listed chemical substance Naphthalene. Reports are being submitted for reporting years 1987-1992 for Roche Products, Inc. located in Manatí, Puerto Rico. Our TRI Facility number is 00701RCHPRSTATE.

New information has been identified through the use of a Material Safety Data Sheet (MSDS) which indicates that Naphthalene is a component of the fuel Kerosene and the quantity present may exceed the reportable concentration.

If you have any questions, please contact us at (809) 854-3020, Extension 2112.

Respectfully,

ROCHE PRODUCTS INC.

Mattie S. Muñoz
Regulatory Affairs
Manager

MM/jm
RPI No. 18994

Form Approved OMB No.: [illegible]

Approval Expires: 01/91

☐ VOLUNTARY REVISION

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to OPPE, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach substantiation forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 87

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

Mr. Lawrence Mascera - President and General Manager

Signature: Lawrence Mascera Date signed: 6/23/94

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name: Roche Products Inc.

Street Address: State Road #670 Km. 2.7

City: Manatí County:

State: Puerto Rico Zip Code: 00674

TRI Facility Identification Number: 00701RCHPRSTATE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Teresa H. Pérez Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Héctor Alvarez Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. NA c. d. e. f.

3.6 Latitude: Degrees 18 Minutes 25 Seconds 50 Longitude: Degrees 66 Minutes 28 Seconds 00

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. NA

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. NA

3.9 NPDES Permit Number(s): a. NA b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. NA b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. NA b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: Roche Holdings Inc.

4.2 Parent Company's Dun & Bradstreet Number: NA

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
NA			
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE)

2.1 Off-site location name		2.2 Off-site location name	
NA			
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	
2.5 Off-site location name		**2.6 Off-site location name**	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	

[ ] Check if additional pages of Part II are attached. How many? _____

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	[Reserved]
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.) 91-20-3
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) NAPHTHALENE
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.)

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

2. Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).)

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	d. [ ] For sale/ distribution	e. [ ] As a byproduct	f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	b. [ ] As a formulation component	c. [ ] As an article component	d. [ ] Repackaging only		
3.3	Otherwise use the chemical:	a. [ ] As a chemical processing aid	b. [ ] As a manufacturing aid	c. [X] Ancillary or other use			

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][3] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [ ]	0	5.1b [0]	
5.2 Stack or point air emissions	5.2a	[ ] [ ] [ ]	0	5.2b [0]	
5.3 Discharges to receiving streams or water bodies 5.3.1 [ ]	5.3.1a	[ ] [ ] [ ]	NA	5.3.1b [ ]	5.3.1c %
(Enter letter code for stream from Part I Section 3.10 in the box provided.) 5.3.2 [ ]	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection on-site	5.4a	[ ] [ ] [ ]	NA	5.4b [ ]	
5.5 Releases to land on-site					
5.5.1 Landfill	5.5.1a	[ ] [ ] [ ]	NA	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ] [ ] [ ]		5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ] [ ] [ ]		5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ] [ ] [ ]		5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]	NA	6.1.1b	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]	NA	6.2.1b	6.2.1c M
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check if no on-site treatment is applied to any wastestream containing the chemical or chemical category.

A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.1a	7.1b	7.1c	7.1d [ ]	7.1e %	7.1f [ ] [ ]
7.2a	7.2b	7.2c	7.2d [ ]	7.2e %	7.2f [ ] [ ]
7.3a	7.3b	7.3c	7.3d [ ]	7.3e %	7.3f [ ] [ ]
7.4a	7.4b	7.4c	7.4d [ ]	7.4e %	7.4f [ ] [ ]
7.5a	7.5b	7.5c	7.5d [ ]	7.5e %	7.5f [ ] [ ]
7.6a	7.6b	7.6c	7.6d [ ]	7.6e %	7.6f [ ] [ ]
7.7a	7.7b	7.7c	7.7d [ ]	7.7e %	7.7f [ ] [ ]
7.8a	7.8b	7.8c	7.8d [ ]	7.8e %	7.8f [ ] [ ]
7.9a	7.9b	7.9c	7.9d [ ]	7.9e %	7.9f [ ] [ ]
7.10a	7.10b	7.10c	7.10d [ ]	7.10e %	7.10f [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M			[ ] + [ ] - %		R

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 11-499 500-999	A. Total Release (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. % From Stormwater
5.3 Discharges to receiving streams or water bodies	5.3.___ ☐ 5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
(Enter letter codes for stream from Part I Section 3.10 in the box provided.)	5.3.___ ☐ 5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
	5.3.___ ☐ 5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 11-499 500-999	A. Total Transfers (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1 ☐	[ ] [ ] [ ]		6.1.___b ☐	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes No
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]

Form Approved OMB No.: [illegible]

Approval Expires: 01/91

Page 1 of 6

☐ VOLUNTARY REVISION

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

Public reporting burden for this collection of information is estimated to vary from 30 to 84 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to OPPE Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: This Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach sanitization forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 88

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

Mr. Lawrence Mascera - President and General Manager

Signature: Lawrence Mascera Date signed: 6/23/94

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name: Roche Products Inc.

Street Address: State Road #670 Km. 2.7

City: Manatí County:

State: Puerto Rico Zip Code: 00674

TRI Facility Identification Number: 00701RCHPRSTATE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Teresa H. Pérez — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Héctor Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. NA c. d. e. f.

3.6 Latitude: Degrees 18, Minutes 25, Seconds 50 — Longitude: Degrees 66, Minutes 28, Seconds 00

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. NA

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. NA

3.9 NPDES Permit Number(s): a. NA b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. NA b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. NA b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: Roche Holdings Inc.

4.2 Parent Company's Dun & Bradstreet Number: NA

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
NA			
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE)

2.1 Off-site location name		2.2 Off-site location name	
NA			
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	

2.5 Off-site location name		2.6 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	

[ ] Check if additional pages of Part II are attached. How many? _____

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	[Reserved]
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.) 91-20-3
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) NAPHTHALENE
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.)

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).)

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	e. [ ] As a byproduct	d. [ ] For sale/ distribution; f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	d. [ ] Repackaging only	b. [ ] As a formulation component	c. [ ] As an article component	
3.3	Otherwise use the chemical:	a. [ ] As a chemical processing aid		b. [ ] As a manufacturing aid	c. [X] Ancillary or other use	

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][3] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [ ]	0	5.1b [0]	
5.2 Stack or point air emissions	5.2a	[ ] [ ] [ ]	0	5.2b [0]	
5.3 Discharges to receiving streams or water bodies 5.3.1 [ ]	5.3.1a	[ ] [ ] [ ]	NA	5.3.1b [ ]	5.3.1c %
(Enter letter code for stream from Part I, Section 3.10 in the box provided.) 5.3.2 [ ]	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection on-site	5.4a	[ ] [ ] [ ]	NA	5.4b [ ]	
5.5 Releases to land on-site	5.5.1a	[ ] [ ] [ ]	NA	5.5.1b [ ]	
5.5.1 Landfill	5.5.2a	[ ] [ ] [ ]		5.5.2b [ ]	
5.5.2 Land treatment/application farming	5.5.3a	[ ] [ ] [ ]		5.5.3b [ ]	
5.5.3 Surface impoundment	5.5.4a	[ ] [ ] [ ]		5.5.4b [ ]	
5.5.4 Other disposal					

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Transfers (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]	NA	6.1.1b	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]	NA	6.2.1b	6.2.1c M
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check if no on-site treatment is applied to any wastestream containing the chemical or chemical category.

A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.1a	7.1b	7.1c	7.1d [ ]	7.1e %	7.1f [ ] [ ]
7.2a	7.2b	7.2c	7.2d [ ]	7.2e %	7.2f [ ] [ ]
7.3a	7.3b	7.3c	7.3d [ ]	7.3e %	7.3f [ ] [ ]
7.4a	7.4b	7.4c	7.4d [ ]	7.4e %	7.4f [ ] [ ]
7.5a	7.5b	7.5c	7.5d [ ]	7.5e %	7.5f [ ] [ ]
7.6a	7.6b	7.6c	7.6d [ ]	7.6e %	7.6f [ ] [ ]
7.7a	7.7b	7.7c	7.7d [ ]	7.7e %	7.7f [ ] [ ]
7.8a	7.8b	7.8c	7.8d [ ]	7.8e %	7.8f [ ] [ ]
7.9a	7.9b	7.9c	7.9d [ ]	7.9e %	7.9f [ ] [ ]
7.10a	7.10b	7.10c	7.10d [ ]	7.10e %	7.10f [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for codes items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M			[ ] + [ ] - %		R

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R

PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Release (pounds/year) A.1 Reporting Ranges (1-10, 11-499, 500-999)	A. Total Release A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. % From Stormwater
5.3 Discharges to receiving streams or water bodies (Enter letter codes for stream from Part I Section 3.10 in the box provided.) 5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges (1-10, 11-499, 500-999)	A. Total Transfers A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]		6.1.___b	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]

Form Approved OMB No.: [illegible]

☐ VOLUNTARY REVISION

Approval Expires: 01/91

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to OPPE, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: This Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach substantiation forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year: 19 89

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in the report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

Mr. Lawrence Mascera - President and General Manager

Signature: Lawrence Mascera Date signed: 6/23/94

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name: Roche Products Inc.

Street Address: State Road #670 Km. 2.7

City: Manatí County:

State: Puerto Rico Zip Code: 00674

TRI Facility Identification Number: 00701RCHPRSTATE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
   P.O. BOX 23779
   WASHINGTON, DC 20026-3779
   ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Teresa H. Pérez — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Héctor Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. NA c. d. e. f.

3.6 Latitude: Degrees 18, Minutes 25, Seconds 50 — Longitude: Degrees 66, Minutes 28, Seconds 00

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. NA

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. NA

3.9 NPDES Permit Number(s): a. NA b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. NA b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. NA b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: Roche Holdings Inc.

4.2 Parent Company's Dun & Bradstreet Number: NA

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
NA			
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE)

2.1 Off-site location name		2.2 Off-site location name	
NA			
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	

2.5 Off-site location name		2.6 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	

[ ] Check if additional pages of Part II are attached. How many? _____

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1 [Reserved]

1.2 CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.): 91-20-3

1.3 Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.): NAPHTHALENE

1.4 Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.):

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).):

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	d. [ ] For sale/ distribution	e. [ ] As a byproduct	f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	b. [ ] As a formulation component	c. [ ] As an article component	d. [ ] Repackaging only		
3.3	Otherwise use the chemical:	a. [ ] As a chemical processing aid	b. [ ] As a manufacturing aid	c. [X] Ancillary or other use			

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][3] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

		A. Total Release (pounds/year) A.1 Reporting Ranges (1-10 / 11-499 / 500-999)	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater
You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)					
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [ ]	0	5.1b [0]	
5.2 Stack or point air emissions	5.2a	[ ] [ ] [ ]	0	5.2b [0]	
5.3 Discharges to receiving streams or water bodies (Enter letter code for stream from Part I Section 3.10 in the box provided.) 5.3.1 [ ] 5.3.2 [ ] 5.3.3 [ ]	5.3.1a	[ ] [ ] [ ]	NA	5.3.1b [ ]	5.3.1c %
	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection on-site	5.4a	[ ] [ ] [ ]	NA	5.4b [ ]	
5.5 Releases to land on-site 5.5.1 Landfill	5.5.1a	[ ] [ ] [ ]	NA	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ] [ ] [ ]		5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ] [ ] [ ]		5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ] [ ] [ ]		5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]	NA	6.1.1b	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]	NA	6.2.1b	6.2.1c M
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check if no on-site treatment is applied to any wastestream containing the chemical or chemical category.

A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.1a	7.1b	7.1c	7.1d [ ]	7.1e %	7.1f [ ] [ ]
7.2a	7.2b	7.2c	7.2d [ ]	7.2e %	7.2f [ ] [ ]
7.3a	7.3b	7.3c	7.3d [ ]	7.3e %	7.3f [ ] [ ]
7.4a	7.4b	7.4c	7.4d [ ]	7.4e %	7.4f [ ] [ ]
7.5a	7.5b	7.5c	7.5d [ ]	7.5e %	7.5f [ ] [ ]
7.6a	7.6b	7.6c	7.6d [ ]	7.6e %	7.6f [ ] [ ]
7.7a	7.7b	7.7c	7.7d [ ]	7.7e %	7.7f [ ] [ ]
7.8a	7.8b	7.8c	7.8d [ ]	7.8e %	7.8f [ ] [ ]
7.9a	7.9b	7.9c	7.9d [ ]	7.9e %	7.9f [ ] [ ]
7.10a	7.10b	7.10c	7.10d [ ]	7.10e %	7.10f [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year) / Prior year (pounds/year) / Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M	+ / - %		R

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R

PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Release (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. % From Stormwater
5.3 Discharges to receiving streams or water bodies	5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
(Enter letter code for stream from Part I Section 3.10 in the box provided.)	5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
	5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Transfers (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]		6.1.___b	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes	No
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]

Form Approved OMB No.: 2070-0093

Approval Expires: 01/91

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to OPPE, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

1. 1.1 Are you claiming the chemical identity on page 3 trade secret?
[ ] Yes (Answer question 1.2; Attach substantiation forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 90

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:
Mr. Lawrence Mascera - President and General Manager

Signature: Lawrence Mascera Date signed: 6/23/94

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name: Roche Products Inc.
Street Address: State Road #670 Km. 2.7
City: Manatí County:
State: Puerto Rico Zip Code: 00674
TRI Facility Identification Number: 00701RCHPRSTATE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Teresa H. Pérez — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Héctor Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. NA c. d. e. f.

3.6 Latitude: Degrees 18, Minutes 25, Seconds 50 — Longitude: Degrees 66, Minutes 28, Seconds 00

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. NA

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. NA

3.9 NPDES Permit Number(s): a. NA b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. NA b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. NA b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: Roche Holdings Inc.

4.2 Parent Company's Dun & Bradstreet Number: NA

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
NA			
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE)

2.1 Off-site location name		2.2 Off-site location name	
NA			
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	

2.5 Off-site location name		2.6 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No		Is location under control of reporting facility or parent company? [ ] Yes [ ] No	

[ ] Check if additional pages of Part II are attached. How many? _____

(Important: Type or print; read instructions before completing form.)

EPA

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PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	[Reserved]
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.) 91-20-3
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) NAPHTHALENE
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.)

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

2.	Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).)

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	d. [ ] For sale/ distribution
				e. [ ] As a byproduct	f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	b. [ ] As a formulation component	c. [ ] As an article component	d. [ ] Repackaging only
3.3	Otherwise use the chemical:	a. [ ] As a chemical processing aid	b. [ ] As a manufacturing aid	c. [X] Ancillary or other use	

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][3] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [ ]	0	5.1b [0]	
5.2 Stack or point air emissions	5.2a	[ ] [ ] [ ]	0	5.2b [0]	
5.3 Discharges to receiving streams or water bodies (Enter letter code for stream from Part I, Section 3.10 in the box provided.) 5.3.1 [ ]	5.3.1a	[ ] [ ] [ ]	NA	5.3.1b [ ]	5.3.1c %
5.3.2 [ ]	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection on-site	5.4a	[ ] [ ] [ ]	NA	5.4b [ ]	
5.5 Releases to land on-site 5.5.1 Landfill	5.5.1a	[ ] [ ] [ ]	NA	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ] [ ] [ ]		5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ] [ ] [ ]		5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ] [ ] [ ]		5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

(Important: Type or print; read instructions before completing form.)

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PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Transfers (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.1) 1	[ ] [ ] [ ]	NA	6.1.1b	
6.2.1 Other off-site location (enter location number from Part II, Section 2.1) 2	[ ] [ ] [ ]	NA	6.2.1b	6.2.1c M
6.2.2 Other off-site location (enter location number from Part II, Section 2.1) 2	[ ] [ ] [ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.1) 2	[ ] [ ] [ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check if no on-site treatment is applied to any wastestream containing the chemical or chemical category.

A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.1a	7.1b	7.1c	7.1d [ ]	7.1e %	7.1f [ ] [ ]
7.2a	7.2b	7.2c	7.2d [ ]	7.2e %	7.2f [ ] [ ]
7.3a	7.3b	7.3c	7.3d [ ]	7.3e %	7.3f [ ] [ ]
7.4a	7.4b	7.4c	7.4d [ ]	7.4e %	7.4f [ ] [ ]
7.5a	7.5b	7.5c	7.5d [ ]	7.5e %	7.5f [ ] [ ]
7.6a	7.6b	7.6c	7.6d [ ]	7.6e %	7.6f [ ] [ ]
7.7a	7.7b	7.7c	7.7d [ ]	7.7e %	7.7f [ ] [ ]
7.8a	7.8b	7.8c	7.8d [ ]	7.8e %	7.8f [ ] [ ]
7.9a	7.9b	7.9c	7.9d [ ]	7.9e %	7.9f [ ] [ ]
7.10a	7.10b	7.10c	7.10d [ ]	7.10e %	7.10f [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M			[ ] + [ ] - %		R

(Important: Type or print; read instructions before completing form.)

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PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Release (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. % From Stormwater
5.3 Discharges to receiving streams or water bodies (Enter letter code for stream from Part I Section 3.10 in the box provided.) 5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Transfers (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]		6.1.___b	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]

EPA FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

United States Environmental Protection Agency

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA Reporting Center
   P.O. Box 3348
   Merrifield, VA 22116-3348
   ATTN: TOXIC CHEMICAL RELEASE INVENTORY
2. APPROPRIATE STATE OFFICE
   (See instructions in Appendix F)

Enter "X" here if this is a revision: X

For EPA use only:

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 91

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?

☐ Yes (Answer question 2.2; Attach substantiation forms)

☒ No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: ☐ Sanitized ☐ Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

MR. LAWRENCE MASCERA - PRESIDENT AND GENERAL MANAGER

Signature: Lawrence Mascera

Date Signed: 6/23/94

SECTION 4. FACILITY IDENTIFICATION

4.1

Facility or Establishment Name: ROCHE PRODUCTS INC.

TRI Facility ID Number: 00701RCHPRSTATE

Street Address: STATE ROAD 670 KM 2.7

City: MANATI

County:

State: PUERTO RICO

Zip Code: 00674

Mailing Address (if different from street address): P.O. BOX 452

City: MANATI

State: PUERTO RICO

Zip Code: 00674

PUT LABEL HERE

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PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)	a. [x] An entire facility		b. [ ] Part of a facility			
4.3	Technical Contact	Name: TERESA PEREZ				Telephone Number (include area code): (809) 854-3020	
4.4	Public Contact	Name: HECTOR ALVAREZ				Telephone Number (include area code): (809) 854-3020	
4.5	SIC Code (4-digit)	a. 2834	b. N/A	c.	d.	e.	f.
4.6	Latitude and Longitude	Latitude: Degrees	Minutes	Seconds	Longitude: Degrees	Minutes	Seconds
		18	25	50	66	28	00
4.7	Dun & Bradstreet Number(s) (9 digits)	a. 04-100-2210					
		b. N/A					
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)	a. PRD090584152					
		b. N/A					
4.9	Facility NPDES Permit Number(s) (9 characters)	a. N/A					
		b.					
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)	a. N/A					
		b.					

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	ROCHE HOLDINGS, INC.
	[ ] NA	
5.2	Parent Company's Dun & Bradstreet Number	
	[ ] NA	(9 digits)

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	91-20-3
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	NAPHTHALENE
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☐ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☒ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	04	(Enter two-digit code from instruction package.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	☐ NA	0	0	
5.2	Stack or point air emissions	☐ NA	0	0	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name				
	NA				
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	☒ NA			
5.5	Releases to land on-site				
5.5.1	Landfill	☒ NA			
5.5.2	Land treatment/ application farming	☒ NA			
5.5.3	Surface impoundment	☒ NA			
5.5.4	Other disposal	☒ NA			

☐ Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds C = 500 - 999 pounds.

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__	Stream or Water Body Name			
5.3.__	Stream or Water Body Name			
5.3.__	Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
NA	NA

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name		6.1.B.__ POTW Name	
Street Address		Street Address	
City	County	City	County
State	Zip Code	State	Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 5.3/6.1 page this is, here: [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name: NA

Street Address

City | County

State | Zip Code | Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name

Street Address

City | County

State | Zip Code | Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 2 3 4 5 6 7 8	7A.1c	7A.1d	7A.1e
NA			%	Yes [ ] No [ ]
7A.2a	7A.2b: 1 2 3 4 5 6 7 8	7A.2c	7A.2d	7A.2e
			%	Yes [ ] No [ ]
7A.3a	7A.3b: 1 2 3 4 5 6 7 8	7A.3c	7A.3d	7A.3e
			%	Yes [ ] No [ ]
7A.4a	7A.4b: 1 2 3 4 5 6 7 8	7A.4c	7A.4d	7A.4e
			%	Yes [ ] No [ ]
7A.5a	7A.5b: 1 2 3 4 5 6 7 8	7A.5c	7A.5d	7A.5e
			%	Yes [ ] No [ ]

If additional copies of page 7 are attached, indicate the total number of pages in this box [ ] and indicate which page 7 this is, here. [ ] (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] **Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.**

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] **Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.**

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Chemical Category or Generic Name: NAPHTHALENE

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released*	0	0	0	0
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	0	0	0	0
8.7	Quantity treated off-site	0	0	0	0

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	.43

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

NA

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	NA	a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		x

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA Reporting Center
   P.O. Box 3348
   Merrifield, VA 22116-3348
   ATTN: TOXIC CHEMICAL RELEASE INVENTORY
2. APPROPRIATE STATE OFFICE
   (See instructions in Appendix F)

Enter "X" here if this is a revision: X

For EPA use only:

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 92

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?

☐ Yes (Answer question 2.2; Attach substantiation forms)
☒ No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: ☐ Sanitized ☐ Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

MR. LAWRENCE MASCERA - PRESIDENT AND GENERAL MANAGER

Signature: Lawrence Mascera

Date Signed: 6/23/94

SECTION 4. FACILITY IDENTIFICATION

4.1

Facility or Establishment Name: ROCHE PRODUCTS INC.

TRI Facility ID Number: 00701RCHPRSTATE

Street Address: STATE ROAD 670 KM 2.7

City: MANATI

County:

State: PUERTO RICO

Zip Code: 00674

Mailing Address (if different from street address): P.O. BOX 452

City: MANATI

State: PUERTO RICO

Zip Code: 00674

PUT LABEL HERE

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PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)	a. [x] An entire facility		b. [ ] Part of a facility			
4.3	Technical Contact	Name: TERESA PEREZ				Telephone Number (include area code): (809) 854-3020	
4.4	Public Contact	Name: HECTOR ALVAREZ				Telephone Number (include area code): (809) 854-3020	
4.5	SIC Code (4-digit)	a. 2834	b. N/A	c.	d.	e.	f.
4.6	Latitude and Longitude	Latitude: Degrees	Minutes	Seconds	Longitude: Degrees	Minutes	Seconds
		18	25	50	66	28	00

4.7	Dun & Bradstreet Number(s) (9 digits)	a. 04-100-2210 b. N/A
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)	a. PRD090584152 b. N/A
4.9	Facility NPDES Permit Number(s) (9 characters)	a. N/A b.
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)	a. N/A b.

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	ROCHE HOLDINGS INC.
	[ ] NA	
5.2	Parent Company's Dun & Bradstreet Number	
	[x] NA	(9 digits)

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	91-20-3
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	NAPHTHALENE
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☐ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☒ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	04	(Enter two-digit code from instruction package.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	☐ NA	0	O	
5.2	Stack or point air emissions	☐ NA	0	O	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name NA				
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	☒ NA			
5.5	Releases to land on-site				
5.5.1	Landfill	☒ NA			
5.5.2	Land treatment/ application farming	☒ NA			
5.5.3	Surface impoundment	☒ NA			
5.5.4	Other disposal	☒ NA			

☐ Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3 Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
NA	NA

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name		6.1.B.__ POTW Name	
NA			
Street Address		Street Address	
City	County	City	County
State	Zip Code	State	Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 5.3/6.1 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name: NA

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. NA	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 2 3 4 5 6 7 8	7A.1c	7A.1d	7A.1e
NA			%	Yes [ ] No [ ]
7A.2a	7A.2b: 1 2 3 4 5 6 7 8	7A.2c	7A.2d	7A.2e
			%	Yes [ ] No [ ]
7A.3a	7A.3b: 1 2 3 4 5 6 7 8	7A.3c	7A.3d	7A.3e
			%	Yes [ ] No [ ]
7A.4a	7A.4b: 1 2 3 4 5 6 7 8	7A.4c	7A.4d	7A.4e
			%	Yes [ ] No [ ]
7A.5a	7A.5b: 1 2 3 4 5 6 7 8	7A.5c	7A.5d	7A.5e
			%	Yes [ ] No [ ]

If additional copies of page 7 are attached, indicate the total number of pages in this box [ ] and indicate which page 7 this is, here. [ ] (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] **Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.**

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] **Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.**

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Chemical, Category, or Generic Name: NAPHTHALENE

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released *	0	0	0	0
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	0	0	0	0
8.7	Quantity treated off-site	0	0	0	0
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index	1.92			

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

NA

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	NA	a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

Form Approved OMB Number: 2070-0093
Approval Expires: 11/92

(IMPORTANT: Type or print; read instructions before completing form)

EPA United States Environmental Protection Agency

FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE
(See instructions in Appendix F)

Enter "X" here if this is a revision: [ ]

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

For EPA use only:

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 93

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?

[ ] Yes (Answer question 2.2; Attach substantiation forms)

[X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

MR. LAWRENCE MASCERA - PRESIDENT AND GENERAL MANAGER

Signature:

Date Signed:

SECTION 4. FACILITY IDENTIFICATION

4.1

Facility or Establishment Name: ROCHE PRODUCTS INC.

TRI Facility ID Number: 00701RCHPRSTATE

Street Address: STATE ROAD 670 KM 2.7

City: MANATI

County:

State: PUERTO RICO

Zip Code: 00674

Mailing Address (if different from street address): P.O. BOX 452

City: MANATI

State: PUERTO RICO

Zip Code: 00674

PUT LABEL HERE

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	91-20-3
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	NAPHTHALENE
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☐ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☒ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	06	(Enter two-digit code from instruction package.)

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EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)	a. [x] An entire facility	b. [ ] Part of a facility
4.3	Technical Contact	Name: TERESA PEREZ	Telephone Number (include area code): (809) 854-3020
4.4	Public Contact	Name: HECTOR ALVAREZ	Telephone Number (include area code): (809) 854-3020

4.5 SIC Code (4-digit)	a. 2834	b. N/A	c.	d.	e.	f.

4.6 Latitude and Longitude	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
	18	25	50	66	28	00

4.7	Dun & Bradstreet Number(s) (9 digits)	a. 04-100-22 b. N/A
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)	a. PRD090584152 b. N/A
4.9	Facility NPDES Permit Number(s) (9 characters)	a. N/A b.
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)	a. N/A b.

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company: [ ] NA	HOFFMANN-LA ROCHE
5.2	Parent Company's Dun & Bradstreet Number: [ ] NA	(9 digits) 48-000-8226

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United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	[x] NA			
5.2	Stack or point air emissions	[ ] NA	0	0	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name				
	NA				
5.3.2	Stream or Water Body Name				
	NA				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	[x] NA			
5.5	Releases to land on-site				
5.5.1	Landfill	[x] NA			
5.5.2	Land treatment/ application farming	[x] NA			
5.5.3	Surface Impoundment	[x] NA			
5.5.4	Other disposal	[x] NA			

[ ] Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds
C = 500 - 999 pounds.

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3 Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
NA	

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name		6.1.B.__ POTW Name	
Street Address		Street Address	
City	County	City	County
State	Zip Code	State	Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 5.3/6.1 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): NA

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. NA	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.):

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 2 3 4 5 6 7 8	7A.1c	7A.1d	7A.1e
NA			%	Yes [ ] No [ ]
7A.2a	7A.2b: 1 2 3 4 5 6 7 8	7A.2c	7A.2d	7A.2e
			%	Yes [ ] No [ ]
7A.3a	7A.3b: 1 2 3 4 5 6 7 8	7A.3c	7A.3d	7A.3e
			%	Yes [ ] No [ ]
7A.4a	7A.4b: 1 2 3 4 5 6 7 8	7A.4c	7A.4d	7A.4e
			%	Yes [ ] No [ ]
7A.5a	7A.5b: 1 2 3 4 5 6 7 8	7A.5c	7A.5d	7A.5e
			%	Yes [ ] No [ ]

If additional copies of page 7 are attached, indicate the total number of pages in this box [ ] and indicate which page 7 this is, here. [ ] (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] **Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.**

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] **Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.**

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1992 (pounds/year)	Column B 1993 (pounds/year)	Column C -1994 (pounds/year)	Column D 1995 (pounds/year)
8.1	Quantity released *	0	0	0	0
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	0	0	0	0
8.7	Quantity treated off-site	0	0	0	0

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	1.71

8.10 NA — Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	NA	a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name
Methanol

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *	10,000	34,000	18,000	42,000
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site		12,567		
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCNPRSTAT E
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	

8.10 N/A Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	☐	☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	YES	NO
			X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Chemical, Category, or Generic Name:

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	YES ☐	NO ☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Chemical, Category, or Generic Name:

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	YES	NO
		☐	X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	YES ☐	NO ☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	☐	☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Chemical, Category, or Generic Name:

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	☐	☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Chemical, Category, or Generic Name:

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	YES ☐	NO ☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Chemical, Category, or Generic Name:

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	YES	NO
			X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	YES ☐	NO ☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	YES ☐	NO ☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	YES ☐	NO ☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Chemical, Category, or Generic Name:

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	☐	☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

All quantity estimates can be reported using up to two significant figures.		Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	YES ☐	NO ☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name:

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2_1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Section 6.2 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name:

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2_1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2_2 Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Section 6.2 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. 1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Section 6.2 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name:

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Section 6.2 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name:

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

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EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name:

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.2 Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

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EPA

United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name:

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2_1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2_ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

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EPA

United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

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EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

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Is location under control of reporting facility or parent company? [ ] Yes [X] No

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1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
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EPA

United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name:

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

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County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
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United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

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1.	1. M	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
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ROCHE PRODUCTS INC.
Regulatory Affairs

FILENOTE
Environmental Area

Date: **December 8, 1993**

Subject: **TOXIC RELEASE INVENTORY REPORTING YEAR 1992**

Reference is made to a letter from the Environmental Protection Agency received at Roche Products Inc. on December 6, 1993, requesting RPI to verify the data reported by RPI on the Form R's for Toxic Release Inventory Reporting Year 1992, within 21 calendar days of receipt.

After we checked our file vs the information submitted, (as it appears in the Release Value Report) we did not find any error in the data submitted. The only discrepancy was in the CAS number of Ammonia that was incorrect in our Report but it was corrected by EPA in the list received to verify.

The referenced letter indicated that no response is necessary if we did not find any errors. Therefore, we did not proceed to answer to EPA regarding this matter. Attached is the EPA letter and a copy of the Form with the information that was verified.

Eng. Teresa H. Pérez Rivera
Environmental Affairs Coordinator

TP/jm
FN-20

TRI FACILITY ID: 00701RCHPRSTATE
Date: 12/13/93

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

Dear Toxic Release Inventory (EPA Form R) Reporter:

Attached is a report, produced by EPA, which lists the chemical identities and corresponding release values for the Form R reports EPA received from the facility listed above for Toxic Release Inventory (TRI) Reporting Year 1992 (RY92).

It is EPA's intention to represent all data reported by your facility as accurately as possible. In order to do this, EPA has implemented a variety of quality control procedures. We believe our data entry is of good quality. However, as a final quality control measure, we ask that you verify the critical estimate value information listed on this report against your Form R files. If you find any data entry errors, please let us know by following these simple instructions:

- On the attached report, use a red pen to mark through the erroneous value, and write the corrected value next to it.

- Return the corrected report to:

  The EPCRA Reporting Center
  P.O. BOX 3348
  Merrifield, VA 22116-3348
  Attn: TRI 100%

We request that you do this within 21 calendar days of receipt, so that we may correct your data before we make it publicly available in the next data release. If you do not find any errors in this report, a response is not necessary.

Please DO NOT use this report to make changes to release values or any other data which you reported incorrectly. Those changes should be submitted to EPA by making a photocopy of your Form R, writing 'REVISION' in red ink in in the space labelled 'Enter 'X' here if this is a revision' on page one of the form, marking through the original data and writing in the revised data in red ink. The certification signature block on the revised form must contain an original signature. Mark through the photocopied signature, re-sign and date the revised form. Return the revised form to the address above. The attention line should read: 'Attn: RY92 Revision'.

REGULATORY AFFAIRS DEPT.
RECEIVED
DEC - 6 1993
FILE ☐ COMMENT ☐
COPY ☐ DISCARD ☐

Please keep these facts in mind when reviewing the accuracy and completeness of this report:

1) The report lists only those form R reports which have completed our internal data quality checks. If one or more of the forms submitted by your facility is not listed here, you will be receiving additional correspondence from us soon.

2) The data represented here may not reflect any voluntary revisions submitted by your facility, if those revisions were not processed by the time we produced this report.

3) We observe certain conventions in the way your facility is represented. For example, we always list the main company name first, followed by the division name. We also use standard abbreviations for certain words such as Corporation (Corp.) and Highway (Hwy.). Please correct this information only if the actual data are incorrect.

4) Releases, off-site transfers, and other waste stream quantities are entered to the nearest pound.

If you have any questions about the information on this report, please call the EPCRA Reporting Center:

(703) 816-4445

Indicate that you are calling about the 'TRI 100% Industry Review'. You will be referred to a Reporting Center staff member who can answer your questions.

Finally, we would like to suggest that you consider using EPA's magnetic media Automated Form R (AFR) reporting software package for submitting your reports in the future. AFR reporting by a facility allows EPA to enter your data exactly as you provide it, and reduces, if not eliminates, EPA data processing errors. AFR software, available from EPA, will be sent to you along with the 1992 reporting package, free of charge. We think that reporting on diskette is easier and more cost effective, both for facilities and the government, and that it helps to ensure a high standard of data quality.

Thank you for your efforts to make Toxic Release Inventory data as accurate as possible.

Steven D. Newburg-Rinn, Chief
Toxic Release Inventory Information
Management Branch (7407)
Information Management Division
Office of Pollution Prevention and Toxics
Office of Prevention, Pesticides
and Toxic Substances
U.S. Environmental Protection Agency

TRI FACILITY ID: 00701-RCHPR-STATE
DATE: 12/13/93

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-92-06543541-6-PR	TOLUENE	000108-88-3

5.1	Fugitive or non-point air emissions	1 - 10
5.2	Stack or point air emissions	11 - 499
5.3.A	Discharges to water bodies NA	NA
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	116,190
6.2.02	Transfer to other off-site	NA
6.1.A	Total quantity transferred to POTWs	11 - 499
8.1.A	Quantity released	13,000
8.1.B	Quantity released	300
8.1.C	quantity released	300
8.1.D	Quantity released	300
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	116,190
8.3.C	Quantity used for energy recovery off-site	70,000
8.3.D	Quantity used for energy recovery off-site	87,000
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	50
8.6.B	Quantity treated on-site	318
8.6.C	Quantity treated on-site	300
8.6.D	Quantity treated on-site	300
8.7.A	Quantity treated off-site	68,865
8.7.B	Quantity treated off-site	69
8.7.C	Quantity treated off-site	63
8.7.D	Quantity treated off-site	74
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	.60

TRI FACILITY ID: 00701-RCHPR-STATE
DATE: 12/13/93

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-92-06543542-8-PR	DICHLOROMETHANE	000075-09-2

5.1	Fugitive or non-point air emissions	3,664
5.2	Stack or point air emissions	16,000
5.3.A	Discharges to water bodies NA	NA
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	93,473
6.2.02	Transfer to other off-site	NA
6.1.A	Total quantity transferred to POTWs	1 - 10
8.1.A	Quantity released	34,000
8.1.B	Quantity released	19,664
8.1.C	quantity released	18,000
8.1.D	Quantity released	22,000
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	17,067
8.3.B	Quantity used for energy recovery off-site	93,473
8.3.C	Quantity used for energy recovery off-site	50,000
8.3.D	Quantity used for energy recovery off-site	55,000
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	10,000
8.6.B	Quantity treated on-site	79
8.6.C	Quantity treated on-site	70
8.6.D	Quantity treated on-site	90
8.7.A	Quantity treated off-site	3
8.7.B	Quantity treated off-site	3
8.7.C	Quantity treated off-site	3
8.7.D	Quantity treated off-site	3
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	.33

TRI FACILITY ID: 00701-RCHPR-STATE
DATE: 12/13/93

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-92-06543543-0-PR	ACETONE	000067-64-1

5.1	Fugitive or non-point air emissions	500 - 999
5.2	Stack or point air emissions	26,501
5.3.A	Discharges to water bodies NA	NA
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	33,477
6.2.02	Transfer to other off-site	NA
6.1.A	Total quantity transferred to POTWs	1 - 10
8.1.A	Quantity released	20,000
8.1.B	Quantity released	27,080
8.1.C	quantity released	25,000
8.1.D	Quantity released	29,120
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	4,192
8.3.B	Quantity used for energy recovery off-site	33,477
8.3.C	Quantity used for energy recovery off-site	5,200
8.3.D	Quantity used for energy recovery off-site	9,600
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	25,300
8.4.D	Quantity recycled on-site	26,400
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	1,100
8.6.B	Quantity treated on-site	7,565
8.6.C	Quantity treated on-site	6,900
8.6.D	Quantity treated on-site	7,500
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	0
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	.74

TRI FACILITY ID: 00701-RCHPR-STATE
DATE: 12/13/93

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-92-06543544-2-PR	METHYL ETHYL KETONE	000078-93-3

5.1	Fugitive or non-point air emissions	1 - 10
5.2	Stack or point air emissions	1,647
5.3.A	Discharges to water bodies NA	NA
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	2,779
6.2.02	Transfer to other off-site	NA
6.1.A	Total quantity transferred to POTWs	527
8.1.A	Quantity released	0
8.1.B	Quantity released	1,647
8.1.C	quantity released	2,000
8.1.D	Quantity released	2,000
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	2,779
8.3.C	Quantity used for energy recovery off-site	2,500
8.3.D	Quantity used for energy recovery off-site	3,000
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	660
8.6.B	Quantity treated on-site	0
8.6.C	Quantity treated on-site	600
8.6.D	Quantity treated on-site	600
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	527
8.7.C	Quantity treated off-site	500
8.7.D	Quantity treated off-site	570
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	1.25

TRI FACILITY ID: 00701-RCHPR-STATE
DATE: 12/13/93

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-92-06543545-5-PR	SULFURIC ACID	007664-93-9

5.1	Fugitive or non-point air emissions	NA
5.2	Stack or point air emissions	NA
5.3.A	Discharges to water bodies NA	NA
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.01	Transfer to other off-site	NA
6.1.A	Total quantity transferred to POTWs	NA
8.1.A	Quantity released	0
8.1.B	Quantity released	0
8.1.C	quantity released	0
8.1.D	Quantity released	0
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	10
8.6.B	Quantity treated on-site	2,136
8.6.C	Quantity treated on-site	2,100
8.6.D	Quantity treated on-site	2,100
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	0
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	.01

TRI FACILITY ID: 00701-RCHPR-STATE
DATE: 12/13/93

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-92-06543546-7-PR	METHANOL	000067-56-1

5.1	Fugitive or non-point air emissions	6,781
5.2	Stack or point air emissions	11 - 499
5.3.A	Discharges to water bodies NA	NA
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	76,710
6.2.02	Transfer to other off-site	NA
6.1.A	Total quantity transferred to POTWs	3,044
8.1.A	Quantity released	34,000
8.1.B	Quantity released	7,000
8.1.C	quantity released	6,000
8.1.D	Quantity released	7,000
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	76,710
8.3.C	Quantity used for energy recovery off-site	70,000
8.3.D	Quantity used for energy recovery off-site	82,484
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	10,000
8.6.B	Quantity treated on-site	31,094
8.6.C	Quantity treated on-site	26,000
8.6.D	Quantity treated on-site	32,000
8.7.A	Quantity treated off-site	17,067
8.7.B	Quantity treated off-site	3,014
8.7.C	Quantity treated off-site	2,770
8.7.D	Quantity treated off-site	3,273
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	.32

TRI FACILITY ID: 00701-RCHPR-STATE
DATE: 12/13/93

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-92-06543540-4-PR	AMMONIA	007664-41-7

5.1	Fugitive or non-point air emissions	1 - 10
5.2	Stack or point air emissions	11 - 499
5.3.A	Discharges to water bodies NA	NA
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.01	Transfer to other off-site	NA
6.1.A	Total quantity transferred to POTWs	2,266
8.1.A	Quantity released	68
8.1.B	Quantity released	125
8.1.C	quantity released	100
8.1.D	Quantity released	100
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	6,722
8.6.B	Quantity treated on-site	12,400
8.6.C	Quantity treated on-site	10,000
8.6.D	Quantity treated on-site	10,000
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	2,266
8.7.C	Quantity treated off-site	2,060
8.7.D	Quantity treated off-site	2,437
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	.54

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FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
TOLUENE

WHERE TO SEND COMPLETED FORMS:
1. EPCRA Reporting Center, P.O. Box 3348, Merrifield, VA 22116-3348, ATTN: TOXIC CHEMICAL RELEASE INVENTORY
2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision: [ ]

For EPA use only

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 92

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?
[ ] Yes (Answer question 2.2; Attach substantiation forms) [X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official: Ernesto Muniz - Vice President, Plant Operations

Signature: Ernesto Muniz Date Signed: 7/1/93

SECTION 4. FACILITY IDENTIFICATION

4.1
Facility or Establishment Name: Roche Products Inc.
TRI Facility ID Number: 00701RCHPRSTATE
Street Address: State Road 670 Km 2.7
City: Manati
County:
State: Puerto Rico
Zip Code: 00674
Mailing Address (if different from street address): P.O. Box 452
City: Manati
State: Puerto Rico
Zip Code: 00674

PUT LABEL HERE

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
TOLUENE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	108-88-3
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	Toluene
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☒ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☐ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	04	(Enter two-digit code from instruction package.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: TOLUENE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwate
5.1	Fugitive or non-point air emissions	☐ NA	A	C	
5.2	Stack or point air emissions	☐ NA	B	C	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name				
	NA				
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	☒ NA			
5.5	Releases to land on-site				
5.5.1	Landfill	☒ NA			
5.5.2	Land treatment/ application farming	☒ NA			
5.5.3	Surface impoundment	☒ NA			
5.5.4	Other disposal	☒ NA			

☐ Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
TOLUENE

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__	Stream or Water Body Name			
5.3.__	Stream or Water Body Name			
5.3.__	Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
B	M

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name: Barceloneta Regional Waste Water Treatment Plant Puerto Rico Aqueduct and Sewer Authority	6.1.B.__ POTW Name: NA
Street Address: Road 684 Km 3.7 Bo. Palmas Altas	Street Address:
City: Barceloneta / County:	City: / County:
State: Puerto Rico / Zip Code: 00674	State: / Zip Code:

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Sections 5.3/6.1 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: TOLUENE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: Safety Kleen Envirosystems Company of Puerto Rico Inc.

Street Address: State Road No. 2 Km 51

City: Manati

County:

State: Puerto Rico

Zip Code: 00674

Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 116,190	1. M	1. M 56
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): NA

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
TOLUENE

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 P01, 2 P11, 3 B11, 4 P13, 5 P11, 6 NA, 7, 8	7A.1c	7A.1d	7A.1e
W		3	99 %	Yes [X] No [ ]
7A.2a	7A.2b: 1, 2, 3, 4, 5, 6, 7, 8	7A.2c	7A.2d	7A.2e
NA			%	Yes [ ] No [ ]
7A.3a	7A.3b: 1, 2, 3, 4, 5, 6, 7, 8	7A.3c	7A.3d	7A.3e
			%	Yes [ ] No [ ]
7A.4a	7A.4b: 1, 2, 3, 4, 5, 6, 7, 8	7A.4c	7A.4d	7A.4e
			%	Yes [ ] No [ ]
7A.5a	7A.5b: 1, 2, 3, 4, 5, 6, 7, 8	7A.5c	7A.5d	7A.5e
			%	Yes [ ] No [ ]

If additional copies of page 7 are attached, indicate the total number of pages in this box ☐ and indicate which page 7 this is, here. ☐ (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: TOLUENE

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1	2	3	4

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1	2	3	4	5
NA				

6	7	8	9	10

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name
TOLUENE

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released *	13,000	300	300	300
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	116,190	70,000	87,000
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	50	318	300	300
8.7	Quantity treated off-site	68,865	69	63	74

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	.60

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	W 13	a. T 01	b. NA	c.
8.10.2	W 51	a. T 01	b. NA	c.
8.10.3	W 68	a. T 01	b. NA	c.
8.10.4	NA	a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	☐	☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: ACETONE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision: [ ]

For EPA use only:

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 92

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?

[ ] Yes (Answer question 2.2; Attach substantiation forms)

[X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

Ernesto Muniz - Vice President, Plant Operations

Signature: Ernesto Muniz

Date Signed: 7/1/93

SECTION 4. FACILITY IDENTIFICATION

4.1

Facility or Establishment Name: Roche Products Inc.

TRI Facility ID Number: 00701RCHPRSTATE

Street Address: State Road 670 Km 2.7

City: Manati

County:

State: Puerto Rico

Zip Code: 00674

Mailing Address (if different from street address): P.O. Box 452

City: Manati

State: Puerto Rico

Zip Code: 00674

PUT LABEL HERE

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
ACETONE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	67-64-1
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	Acetone
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☒ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☐ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	04	(Enter two-digit code from instruction package.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: ACETONE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwate
5.1	Fugitive or non-point air emissions	☐ NA	C		
5.2	Stack or point air emissions	☐ NA	26,501		
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name: NA				
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	☒ NA			
5.5	Releases to land on-site				
5.5.1	Landfill	☒ NA			
5.5.2	Land treatment/ application farming	☒ NA			
5.5.3	Surface impoundment	☒ NA			
5.5.4	Other disposal	☒ NA			

☐ Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = C = 500 - 999 pounds.

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
ACETONE

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3 Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
A	M

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name	Barceloneta Regional Waste Water Treatment Plant Puerto Rico Aqueduct and Sewer Authority	6.1.B.__ POTW Name	NA
Street Address	Road 684 Km 3.7 Bo. Palmas Altas	Street Address	
City	Barceloneta	City	
County		County	
State	Puerto Rico	State	
Zip Code	00674	Zip Code	

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 5.3/6.1 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 1
C = 500 - 999 pounds.

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: ACETONE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: Safety Kleen Envirosystems Company of Puerto Rico Inc.

Street Address: State Road No. 2 Km 51

City: Manati

County:

State: Puerto Rico

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 33,477	1. M	1. M 56
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2 Off-site EPA Identification Number (RCRA ID No.): NA

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Section 6.2 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = C = 500 - 999 pounds.

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
ACETONE

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 P01, 2 P11, 3 B11, 4 P13, 5 P11, 6, 7, 8	7A.1c: 2	7A.1d: 99 %	7A.1e: Yes X, No
7A.2a	7A.2b: 1, 2, 3, 4, 5, 6, 7, 8	7A.2c	7A.2d: %	7A.2e: Yes, No
7A.3a	7A.3b: 1, 2, 3, 4, 5, 6, 7, 8	7A.3c	7A.3d: %	7A.3e: Yes, No
7A.4a	7A.4b: 1, 2, 3, 4, 5, 6, 7, 8	7A.4c	7A.4d: %	7A.4e: Yes, No
7A.5a	7A.5b: 1, 2, 3, 4, 5, 6, 7, 8	7A.5c	7A.5d: %	7A.5e: Yes, No

If additional copies of page 7 are attached, indicate the total number of pages in this box ☐ and indicate which page 7 this is, here. ☐ (example: 1, 2, 3, etc.)

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Nam: ACETONE

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name
ACETONE

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released *	20,000	27,080	25,000	29,120
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	4,192	33,477	5,200	9,600
8.4	Quantity recycled on-site	0	0	25,300	26,400
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	1,100	7,565	6,900	7,500
8.7	Quantity treated off-site	0	0	0	0
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index	.74			

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

NA

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
METHYL ETHYL KETONE

WHERE TO SEND COMPLETED FORMS:
1. EPCRA Reporting Center, P.O. Box 3348, Merrifield, VA 22116-3348, ATTN: TOXIC CHEMICAL RELEASE INVENTORY
2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision: [ ]

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

For EPA use only

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 92

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?
[ ] Yes (Answer question 2.2; Attach substantiation forms) [X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:
Ernesto Muniz - Vice President, Plant Operations

Signature: Ernesto Muniz

Date Signed: 7/1/93

SECTION 4. FACILITY IDENTIFICATION

4.1
Facility or Establishment Name: Roche Products Inc.
TRI Facility ID Number: 00701RCHPRSTATE
Street Address: State Road 670 Km 2.7
City: Manati
County:
State: Puerto Rico
Zip Code: 00674
Mailing Address (if different from street address): P.O. Box 452
City: Manati
State: Puerto Rico
Zip Code: 00674

PUT LABEL HERE

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
METHYL ETHYL KETONE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	78-93-3
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	METHYL ETHYL KETONE
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers,letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☒ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☐ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	04	(Enter two-digit code from instruction package.)

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: METHYL ETHYL KETONE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwate
5.1	Fugitive or non-point air emissions	☐ NA	A	0	
5.2	Stack or point air emissions	☐ NA	1,647	0	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name				
	NA				
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	☒ NA			
5.5	Releases to land on-site				
5.5.1	Landfill	☒ NA			
5.5.2	Land treatment/ application farming	☒ NA			
5.5.3	Surface Impoundment	☒ NA			
5.5.4	Other disposal	☒ NA			

☐ Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = C = 500 - 999 pounds.

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United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
METHYL ETHYL KETONE

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3 Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
527	M

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name	Street Address	City	County	State	Zip Code
Barceloneta Regional Waste Water Treatment Plant Puerto Rico Aqueduct and Sewer Authority	Road 684 Km 3.7 Bo. Palmas Altas	Barceloneta		Puerto Rico	00674
6.1.B.__ POTW Name: NA	Street Address:	City:	County:	State:	Zip Code:

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Sections 5.3/6.1 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11
C = 500 - 999 pounds.

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Nam: METHYL ETHYL KETONI

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: Safety Kleen Envirosystems Company of Puerto Rico Inc.

Street Address: State Road No. 2 Km 51

City: Manati

County:

State: Puerto Rico

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 2779	1. M	1. M 56
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): NA

Off-Site Location Name:

Street Address:

City:

County:

State: __

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Section 6.2 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B
C = 500 - 999 pounds

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
METHYL ETHYL KETONE

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 P01, 2 P11, 3 B11, 4 P13, 5 P11, 6 NA, 7, 8	7A.1c	7A.1d	7A.1e
W		3	0 %	Yes [X] No [ ]
7A.2a	7A.2b: 1, 2, 3, 4, 5, 6, 7, 8	7A.2c	7A.2d	7A.2e
NA			%	Yes [ ] No [ ]
7A.3a	7A.3b: 1, 2, 3, 4, 5, 6, 7, 8	7A.3c	7A.3d	7A.3e
			%	Yes [ ] No [ ]
7A.4a	7A.4b: 1, 2, 3, 4, 5, 6, 7, 8	7A.4c	7A.4d	7A.4e
			%	Yes [ ] No [ ]
7A.5a	7A.5b: 1, 2, 3, 4, 5, 6, 7, 8	7A.5c	7A.5d	7A.5e
			%	Yes [ ] No [ ]

If additional copies of page 7 are attached, indicate the total number of pages in this box ☐ and indicate which page 7 this is, here. ☐ (example: 1, 2, 3, etc.)

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: METHYL ETHYL KETONE

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name
METHYL ETHYL KETONE

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released *	0	1,647	2,000	2,000
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	2,779	2,500	3,000
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	660	0	600	600
8.7	Quantity treated off-site	0	527	500	570
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index	1.25			

8.10 NA — Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
DICHLOROMETHANE

WHERE TO SEND COMPLETED FORMS:
1. EPCRA Reporting Center, P.O. Box 3348, Merrifield, VA 22116-3348, ATTN: TOXIC CHEMICAL RELEASE INVENTORY
2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision: [ ]

For EPA use only

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 92

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?
[ ] Yes (Answer question 2.2; Attach substantiation forms) [X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official: Ernesto Muniz - Vice President, Plant Operations

Signature: Ernesto Muniz Date Signed: 7/1/93

SECTION 4. FACILITY IDENTIFICATION

4.1
Facility or Establishment Name: Roche Products Inc.
TRI Facility ID Number: 00701RCHPRSTATE
Street Address: State Road 670 Km 2.7
City: Manati
County:
State: Puerto Rico
Zip Code: 00674
Mailing Address (if different from street address): P.O. Box 452
City: Manati
State: Puerto Rico
Zip Code: 00674

PUT LABEL HERE

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
DICHLOROMETHANE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	75-09-2
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	Dichloromethane
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☒ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☐ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	04	(Enter two-digit code from instruction package.)

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: DICHLOROMETHANE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	☐ NA	3,664	E	
5.2	Stack or point air emissions	☐ NA	16,000	C	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name: NA				
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	☒ NA			
5.5	Releases to land on-site				
5.5.1	Landfill	☒ NA			
5.5.2	Land treatment/ application farming	☒ NA			
5.5.3	Surface impoundment	☒ NA			
5.5.4	Other disposal	☒ NA			

☐ Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = C = 500 - 999 pounds.

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
DICHLOROMETHANE

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3 Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__ Stream or Water Body Name	—		—
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
A	M

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name: Barceloneta Regional Waste Water Treatment Plant Puerto Rico Aqueduct and Sewer Authority	6.1.B.__ POTW Name: NA
Street Address: Road 684 Km 3.7 Bo. Palmas Altas	Street Address:
City: Barceloneta / County:	City: / County:
State: Puerto Rico / Zip Code: 00674	State: / Zip Code:

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 5.3/6.1 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 1
C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: DICHLOROMETHANE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: Safety Kleen Envirosystems Company of Puerto Rico Inc.

Street Address: State Road No. 2 Km 51

City: Manati

County:

State: Puerto Rico

Zip Code: 00674

Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 93,473	1. M	1. M 56
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2 Off-site EPA Identification Number (RCRA ID No.): NA

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
DICHLOROMETHANE

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 P21, 2, 3, 4, 5, 6, 7, 8	7A.1c	7A.1d	7A.1e
A		3	99 %	Yes [X] No [ ]
7A.2a	7A.2b: 1, 2, 3, 4, 5, 6, 7, 8	7A.2c	7A.2d	7A.2e
NA			%	Yes [ ] No [ ]
7A.3a	7A.3b: 1, 2, 3, 4, 5, 6, 7, 8	7A.3c	7A.3d	7A.3e
			%	Yes [ ] No [ ]
7A.4a	7A.4b: 1, 2, 3, 4, 5, 6, 7, 8	7A.4c	7A.4d	7A.4e
			%	Yes [ ] No [ ]
7A.5a	7A.5b: 1, 2, 3, 4, 5, 6, 7, 8	7A.5c	7A.5d	7A.5e
			%	Yes [ ] No [ ]

If additional copies of page 7 are attached, indicate the total number of pages in this box ☐ and indicate which page 7 this is, here. ☐ (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Nam: DICHLOROMETHANE

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name
DICHLOROMETHANE

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released*	34,000	19,664	18,000	22,000
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	17,067	93,473	50,000	55,000
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	10,000	79	70	90
8.7	Quantity treated off-site	3	3	3	3

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	.33

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	W 13	a. T 01	b. NA	c.
8.10.2	W 51	a. T 01	b. NA	c.
8.10.3	W 68	a. T 01	b. NA	c.
8.10.4	NA	a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	☐	☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: SULFURIC ACID

WHERE TO SEND COMPLETED FORMS:
1. EPCRA Reporting Center, P.O. Box 3348, Merrifield, VA 22116-3348, ATTN: TOXIC CHEMICAL RELEASE INVENTORY
2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision: [ ]

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

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PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 92

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?
[ ] Yes (Answer question 2.2; Attach substantiation forms) [X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:
Ernesto Muniz - Vice President, Plant Operations

Signature: Ernesto Muniz Date Signed: 7/1/93

SECTION 4. FACILITY IDENTIFICATION

4.1
Facility or Establishment Name: Roche Products Inc.
TRI Facility ID Number: 00701RCHPRSTATE
Street Address: State Road 670 Km 2.7
City: Manati
County:
State: Puerto Rico
Zip Code: 00674
Mailing Address (if different from street address): P.O. Box 452
City: Manati
State: Puerto Rico
Zip Code: 00674

PUT LABEL HERE

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
SULFURIC ACID

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	7664-93-9
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	Sulfuric Acid
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☒ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☐ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	03	(Enter two-digit code from instruction package.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: SULFURIC ACID

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwate
5.1	Fugitive or non-point air emissions	X NA			
5.2	Stack or point air emissions	X NA			
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name				
	NA				
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	X NA			
5.5	Releases to land on-site				
5.5.1	Landfill	X NA			
5.5.2	Land treatment/ application farming	X NA			
5.5.3	Surface impoundment	X NA			
5.5.4	Other disposal	X NA			

☐ Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
SULFURIC ACID

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3 Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
NA	

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name	6.1.B.__ POTW Name
NA	NA
Street Address	Street Address
City / County	City / County
State / Zip Code	State / Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 5.3/6.1 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 1
C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: SULFURIC ACID

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): NA

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. NA	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.):

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B C = 500 - 999 pound

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
SULFURIC ACID

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 C11, 2 NA; 3; 4; 5; 6; 7; 8	7A.1c	7A.1d	7A.1e
W		2,136	100 %	Yes [X] No [ ]
7A.2a	7A.2b: 1; 2; 3; 4; 5; 6; 7; 8	7A.2c	7A.2d	7A.2e
NA			%	Yes [ ] No [ ]
7A.3a	7A.3b: 1; 2; 3; 4; 5; 6; 7; 8	7A.3c	7A.3d	7A.3e
			%	Yes [ ] No [ ]
7A.4a	7A.4b: 1; 2; 3; 4; 5; 6; 7; 8	7A.4c	7A.4d	7A.4e
			%	Yes [ ] No [ ]
7A.5a	7A.5b: 1; 2; 3; 4; 5; 6; 7; 8	7A.5c	7A.5d	7A.5e
			%	Yes [ ] No [ ]

If additional copies of page 7 are attached, indicate the total number of pages in this box ☐ and indicate which page 7 this is, here. ☐ (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: SULFURIC ACID

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

☒ Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

☒ Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name
SULFURIC ACID

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released *	0	0	0	0
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	10	2,136	2,100	2,100
8.7	Quantity treated off-site	0	0	0	0
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index	.01			

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	NA	a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
AMMONIA

WHERE TO SEND COMPLETED FORMS:
1. EPCRA Reporting Center, P.O. Box 3348, Merrifield, VA 22116-3348, ATTN: TOXIC CHEMICAL RELEASE INVENTORY
2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision: [ ]

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IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 92

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?
[ ] Yes (Answer question 2.2; Attach substantiation forms) [X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official: Ernesto Muniz - Vice President, Plant Operations

Signature: Ernesto Muñiz Date Signed: 7/1/93

SECTION 4. FACILITY IDENTIFICATION

4.1
Facility or Establishment Name: Roche Products Inc.
TRI Facility ID Number: 00701RCHPRSTATE
Street Address: State Road 670 Km 2.7
City: Manati
County:
State: Puerto Rico
Zip Code: 00674
Mailing Address (if different from street address): P.O. Box 452
City: Manati
State: Puerto Rico
Zip Code: 00674

PUT LABEL HERE

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PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
AMMONIA

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)	a. [x] An entire facility			b. [ ] Part of a facility		
4.3	Technical Contact	Name: Teresa Perez				Telephone Number (include area code): 809-854-3020	
4.4	Public Contact	Name: Hector Alvarez				Telephone Number (include area code): 809-854-3020	
4.5	SIC Code (4-digit)	a. 2834	b. NA	c.	d.	e.	f.
4.6	Latitude and Longitude	Latitude: Degrees 18	Minutes 25	Seconds 50	Longitude: Degrees 66	Minutes 28	Seconds 00
4.7	Dun & Bradstreet Number(s) (9 digits)	a. 04-100-22					
		b. NA					
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)	a. PRD090584152					
		b. NA					
4.9	Facility NPDES Permit Number(s) (9 characters)	a. NA					
		b.					
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)	a. NA					
		b.					

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	
	[ ] NA	Hoffmann-La Roche
5.2	Parent Company's Dun & Bradstreet Number	
	[ ] NA	(9 digits) 48-000-8226

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
AMMONIA

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	766-41-7
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	Ammonia
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☒ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☐ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	03	(Enter two-digit code from instruction package.)

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: AMMONIA

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	☐ NA	A	0	
5.2	Stack or point air emissions	☐ NA	B	0	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name: NA				
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	☒ NA			
5.5	Releases to land on-site				
5.5.1	Landfill	☒ NA			
5.5.2	Land treatment/ application farming	☒ NA			
5.5.3	Surface impoundment	☒ NA			
5.5.4	Other disposal	☒ NA			

☐ Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = 1
C = 500 - 999 pounds.

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
AMMONIA

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3 Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__ Stream or Water Body Name	–		–
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
2,266	C

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name: Barceloneta Regional Waste Water Treatment Plant Puerto Rico Aqueduct and Sewer Authority	6.1.B.__ POTW Name: NA
Street Address: Road 684 Km 3.7 Bo. Palmas Altas	Street Address:
City: Barceloneta	City:
County:	County: –
State: Puerto Rico	State:
Zip Code: 00612	Zip Code:

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Sections 5.3/6.1 page this is, here ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = C = 500 - 999 pounds

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: AMMONIA

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. Off-site EPA Identification Number (RCRA ID No.): NA

Off-Site Location Name: NA

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. Off-site EPA Identification Number (RCRA ID No.): NA

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in th box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; C = 500 - 999 pou

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
AMMONIA

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 A03, 2 NA, 3, 4, 5, 6, 7, 8	7A.1c	7A.1d	7A.1e
A		1	99 %	Yes [X] No [ ]
7A.2a	7A.2b: 1, 2, 3, 4, 5, 6, 7, 8	7A.2c	7A.2d	7A.2e
NA			%	Yes [ ] No [ ]
7A.3a	7A.3b: 1, 2, 3, 4, 5, 6, 7, 8	7A.3c	7A.3d	7A.3e
			%	Yes [ ] No [ ]
7A.4a	7A.4b: 1, 2, 3, 4, 5, 6, 7, 8	7A.4c	7A.4d	7A.4e
			%	Yes [ ] No [ ]
7A.5a	7A.5b: 1, 2, 3, 4, 5, 6, 7, 8	7A.5c	7A.5d	7A.5e
			%	Yes [ ] No [ ]

If additional copies of page 7 are attached, indicate the total number of pages in this box ☐ and indicate which page 7 this is, here. ☐ (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: AMMONIA

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name
AMMONIA

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released *	68	125	100	100
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	6,722	12,400	10,000	10,000
8.7	Quantity treated off-site	0	2,266	2,060	2,437

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	.54

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

NA

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	NA	a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	☐	☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

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United States Environmental Protection Agency

FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
METHANOL

WHERE TO SEND COMPLETED FORMS:

1. EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision: [ ]

For EPA use only

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 92

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?

[ ] Yes (Answer question 2.2; Attach substantiation forms)
[X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:
Ernesto Muniz - Vice President, Plant Operations

Signature: Ernesto Muñiz

Date Signed:

SECTION 4. FACILITY IDENTIFICATION

4.1

Facility or Establishment Name: Rocne Products Inc.

TRI Facility ID Number: 00701RCHPRSTATE

Street Address: State Road 670 Km 2.7

City: Manati

County:

State: Puerto Rico

Zip Code: 00674

Mailing Address (if different from street address): P.O. Box 452

City: Manati

State: PR

Zip Code: 00674

PUT LABEL HERE

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: METHANOL

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	67-56-1
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	Methanol
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☒ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☐ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	04	(Enter two-digit code from instruction package.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: METHANOL

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	☐ NA	6,781	C	
5.2	Stack or point air emissions	☐ NA	B	O	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name				
	NA				
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	☒ NA			
5.5	Releases to land on-site				
5.5.1	Landfill	☒ NA			
5.5.2	Land treatment/ application farming	☒ NA			
5.5.3	Surface impoundment	☒ NA			
5.5.4	Other disposal	☒ NA			

☐ Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = 1
C = 500 - 999 pounds.

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United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
METHANOL

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3 Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
3,043.87	M

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name: Barceloneta Regional Waste Water Treatment Plant Puerto Rico Aqueduct and Sewer Authority	6.1.B.__ POTW Name: NA
Street Address: Road 684 Km 3.7 Bo. Palmas Altas	Street Address:
City: Barceloneta / County:	City: / County:
State: Puerto Rico / Zip Code: 00612	State: / Zip Code:

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 5.3/6.1 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 1
C = 500 - 999 pounds.

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: METHANOL

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: Safety Kleen Envirosystems Company of Puerto Rico Inc.

Street Address: State Road No. 2 Km 51

City: Manati

County:

State: Puerto Rico

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 76,710	1. M	1. M 56
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): NA

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Section 6.2 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = C = 500 - 999 pounds.

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
METHANOL

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 P01; 2 P11; 3 B11; 4 P13; 5 P11; 6 NA; 7; 8	7A.1c	7A.1d	7A.1e
W		2	93 %	Yes X / No ☐
7A.2a	7A.2b: 1; 2; 3; 4; 5; 6; 7; 8	7A.2c	7A.2d	7A.2e
NA			%	Yes ☐ / No ☐
7A.3a	7A.3b: 1; 2; 3; 4; 5; 6; 7; 8	7A.3c	7A.3d	7A.3e
			%	Yes ☐ / No ☐
7A.4a	7A.4b: 1; 2; 3; 4; 5; 6; 7; 8	7A.4c	7A.4d	7A.4e
			%	Yes ☐ / No ☐
7A.5a	7A.5b: 1; 2; 3; 4; 5; 6; 7; 8	7A.5c	7A.5d	7A.5e
			%	Yes ☐ / No ☐

If additional copies of page 7 are attached, indicate the total number of pages in this box ☐ and indicate which page 7 this is, here. ☐ (example: 1, 2, 3, etc.)

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United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: METHANOL

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name
METHANOL

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released *	34,000	7,000	6,000	7,000
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	76,710	70,000	82,484
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	10,000	31,094	26,000	32,000
8.7	Quantity treated off-site	17,067	3,014	2,770	3,273

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	.32

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

NA

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	NA	a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	☐	☒

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

ROCHE PRODUCTS INC.

CARRETERA ESTATAL #[illegible] KM 2'
MANATÍ • PUERTO RICO • 00[illegible]

APARTADO 457
MANATÍ • PUERTO RICO • [illegible]

March 27, 1987

Ms. Ivette De Jesus
Chief Inspection, Monitoring and
Surveillance Section
Land Pollution Control Area
Environmental Quality Board
PO Box 11488
Santurce, PR 00910

Dear Ms. De Jesus:

We are herein submitting the Generator Annual Report for 1986 activities. The information in this report is already included in the Facilities Annual Report, also submitted.

I understand that we do not have to prepare the Generator Annual Report because we did not disposed of hazardous waste in an outside facility in 1986.

I also want to state that the quantities in the Generator Annual Report should not be added to the quantities reported in the Facilities Annual Report.

If you should have any questions regarding the information submitted, please let us know.

Cordially,

José C. García
Safety and Environmental
Affairs Supervisor

c Mr. E. Brown
Mr. E. MacMullan
Mr. L Lesniak

ds

SAFETY
RECEIVED
APR 7 1989

Do not make entries in shaded

COMMONWEALTH OF PUERTO RICO / OFFICE OF THE GOVERNOR

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

Environmental Quality Board

This report is for the calendar year ending December 31.

AFFIX LABEL HERE

Please print/type with elite type (12 characters per inch)

GENERAL INSTRUCTIONS: If you received a preprinte label attached to the mailing envelope in which this for was enclosed, affix it in the space provided. If any of th information on the label is incorrect, draw a line through and provide the correct information in the appropriate se tion below. If the information is correct and complete, lea Sections I, II, and III below blank. If you did not receive preprinted label, complete all sections. REFER TO THE SP CIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLE BEFORE COMPLETING THIS FORM. The information n quested in this report is required by law (Section 3002 of th Resource Conservation Recovery Act).

I. GENERATOR'S EPA I.D. NUMBER

T/A C

FPR0090684162 T

1 2 13 14 15

II. NAME OF INSTALLATION

ROCHE PRODUCTS INC

30 69

III. INSTALLATION MAILING ADDRESS

3 PO BOX 452

15 16 45

Street or P.O. Box

4 MANATI | PR 00701

15 16 41 42 47 51

City or Town State Zip Code

IV. LOCATION OF INSTALLATION (if different than section III above)

5 STATE RD# 670 Km 2.17

15 16 45

Street or Route number

6 MANATI | PR 00701

15 16 41 42 47 51

City or Town State Zip Code

V. INSTALLATION CONTACT

2 GARCIA SANCHEZ JOSE

15 16 45

Name (last and first)

809-854-3020

46 55

Phone No. (area code & no.

VI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

EDWARD BROWN PRESIDENT AND GENERAL MANAGER [signature] 3/2

Do not [illegible] shaded areas

ENVIRONMENTAL QUALITY BO[illegible]

Gene[illegible]tor Annual Hazardous [illegible]aste Report (cont.)

This report is for the calendar year ending December 31.

Date rec'd: _____ Rec'd by: _____

VII. GENERATOR'S EPA I.D. NO.

T/A C

G 1 2 13 14 15

VIII. FACILITY NAME (specify facility to which all waste this page were shipped)

IX. FACILITY'S EPA I.D. NO.

F 16 28

X. FACILITY ADDRESS

XI. TRANSPORTATION SERVICES USED (List the name and EPA identification number of all transporters whose services were used during 1981. This section to be completed only once. Do not repeat on supplemental sheets.)

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. DOT Hazard Code	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste
32	1	Acetone Distillation Bottoms	33 34	F003 35 38 39 42 / 43 46 47 50	8,450 51 59
	2	Acetone and Organic Residue		F003	1,054.5
	3	Ethanol and Organic Residue		D001 F003	2,027
	4	Ethanol and Organic Residue		D001	6,845
	5	Isopropanol and Organic Res.		D001	1,561
	6	Methanol and Organic Residue		F003	3,82
	7	O-xylene Still Bottoms		F003	4,86
	8	Spent Methanol Solution		F003 D001	3,48
	9	Toluene Still Bottoms		F005	4,374
	10	Toluene and Organic Residue		F005	2,185
	11	Spent Methylene Chloride		F002 D001	4,478
	12	Spent Methylene Chloride		F002	221

XIII. COMMENTS (enter information by section number—see instructions)

Environmental Quality Board

This repo[illegible] for the calendar year ending December 31.

AFFIX LABEL HERE

Please print/type with elite type (12 characters per inch)

GENERAL INSTRUCTIONS: If you received a preprinted label attached to the mailing envelope in which this form was enclosed, affix it in the space provided. If any of the information on the label is incorrect, draw a line through it and provide the correct information in the appropriate section below. If the information is correct and complete, leave Sections I, II, and III below blank. If you did not receive a preprinted label, complete all sections. REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM: The information requested in this report is required by law (Section 3004 of the Resource Conservation Recovery Act).

I. FACILITY EPA I.D. NUMBER

T.A.C

F P R D 0 9 0 5 8 4 1 5 2 1

1 2 13 14 15

II. NAME OF FACILITY

ROCHE PRODUCTS INC.

30 69

III. FACILITY MAILING ADDRESS

3 PO BOX 452

15 16 45

Street or P.O. Box

4 MANATI | P R | 0 0 7 0 1

15 16 41 42 47 51

City or Town State Zip Code

IV. LOCATION OF FACILITY (if different than section III above)

5 STATE RD# 670 KM 2.7

15 16 45

Street or Route number

6 MANATI | P R | 0 0 7 0 1

15 16 41 42 47 51

City or Town State Zip Code

V. FACILITY CONTACT

2 GARCIA SANCHEZ, JOSE

15 16 45

Name last and first

809 854 3020

46 55

Phone No. (area code & no.)

VI. COST ESTIMATES FOR FACILITIES

$ 201 960 $

16 19 22 23 23

Cost Estimate for Facility Closure

Cost Estimate [illegible] and Maintenance [illegible]

VII. CERTIFICATION

[illegible] and am familiar with the information submitted in this [illegible] immediately responsible for obtaining the information [illegible] I am aware that there are significant penalties for submitting false information [illegible]

EDWARD BROWN PRESIDENT AND GENERAL MANAGER Edward Brown 3/27/87

Print Type Name Title Signature of Authorized Representative Date Signed

ENVIRONMENTAL QUALITY BOARD

Facility .nnual Hazardous Wa : Report (cont.)

This report is for the calendar year ending December 31.

VIII. FACILITY'S EPA I.D. NO.

F P R D 0 9 0 5 8 4 1 5 2 T/A C

1 2 13 14 15

Date received: _____

Received by: _____

IX. GENERATOR'S EPA I.D. NO.

G

16 28

X. GENERATOR NAME (specify generator from whom all waste on this page were received)

XI. GENERATOR ADDRESS

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste
29 32	1	Acetone Distillation Bottoms	F 0 0 3 (33 36 37 40) (41 44 45 48)	S 0 1 (49 50 51)	1 5 0 1 . 5 (52 54)
	2	Acetone Distillation Bottoms	F 0 0 3	T 0 4	1 1 0 7 . 0
	3	Acetone And Organic Residue	F 0 0 3	T 0 4	1 0 5 4 . 5
	4	Ethanol and Organic Residue	D 0 0 1 F 0 0 3	S 0 1	6 9 4 . 0
	5	Ethanol and Organic Residue	D 0 0 1 F 0 0 3	T 0 4	2 0 2 7 . 0
	6	Ethanol and Organic Residue	D 0 0 1	S 0 1	1 8 2 . 0
	7	Ethanol and Organic Residue	D 0 0 1	T 0 4	5 0 2 . 5
	8	Isopropanol and Organic Residue	D 0 0 1	T 0 4	1 2 4 3 . 5
	9	Isopropanol and Organic Residue	D 0 0 1	S 0 1	1 5 0 8 . 5
	10	Methanol and Organic Residue	F 0 0 3	T 0 4	1 0 4 1 . 0
	11	Methanol and Organic Residue	F 0 0 3	S 0 1	2 7 4 7 . 0
	12	Spent Methanol Solution	F 0 0 3 D 0 0 1	T 0 4	3 4 8

XIII. COMMENTS (enter information by section number—see instructions)

T 0 4 = Biological Treatment (Wastewater Treatment Plant)

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

VIII. FACILITY'S EPA I.D. NO. T/A C

F P R D 0 9 0 5 8 4 1 5 2 1 1

1 2 13 14 15

Date received: _____

Received by: _____

IX. GENERATOR'S EPA I.D. NO.

C

16 28

X. GENERATOR NAME (Specify generator from whom all or part of the waste listed on this page were received)

XI. GENERATOR ADDRESS

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	Unit of Measure
29 32	1	O-xylene Still Bottoms	F 0 0 3	T 0 4	486.0	K
	2	Toluene Still Bottoms	F 0 0 5	S 0 1	2677.5	K
	3	Toluene Still Bottoms	F 0 0 5	T 0 4	1294.5	K
	4	Toluene Still Bottoms	F 0 0 5	S 0 5	3560.5	K
	5	Toluene and Organic Residue	F 0 0 5	S 0 1	457.0	K
	6	Corrosive Spent Lab.	D 0 0 2 / D 0 0 9			
	7	Reagent, Sulfuric Acid	D 0 1 1			
	8	Silver Mercury and Chromates		S 0 1	1113.0	K
	9	Spent Methylene Chloride	F 0 0 2	T 0 4	3689.0	K
	10	Spent Methylene Chloride	F 0 0 2	S 0 1	789.0	K
	11	Spent Methylene Chloride	F 0 0 2	S 0 1	221.0	K
	12					

XIII. COMMENTS (enter information by section number—see instructions)

Line number 4 columns A through E, this still bottoms was recycled by distillation. Line Number 6 through 8 A through E are all descriptions of one (1) waste.

Environmental Quality Board

ENVIRONMENTAL QUALITY BOARD

P.O. Box 11488, Santurce, Puerto Rico 00910

7

Please print or type (Form designed for use on elite (12 pitch) typewriter)

Form Approved OMB No 2050-0039 Expires 9-30

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: PRD090584152 Manifest Document No: 89008

2 Page 1 of 1

Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address: ROCHE PRODUCTS INC. Carr. Est. 670 KM. 2.7 P.O. Box 452 Manati PR 00701

4 Generator's Phone: (809) 854-3020

A State Manifest Document Number:

B. State Generator's ID:

5 Transporter 1 Company Name: Fraticelli Trucking

6 US EPA ID Number: PRD980644447

C. State Transporter's ID: PRD980644447

D. Transporter's Phone: (809) 836-1610

7 Transporter 2 Company Name: TNT Marine Transport

8 US EPA ID Number: PRD090559360

E. State Transporter's ID: PRD090559360

F. Transporter's Phone: (809) 724-6400

9 Designated Facility Name and Site Address: UNISON Warehouse I C/O Eastern Distribution Inc. Perimeter Road At Donaldson Center Greenville South Carolina

10 US EPA ID Number: SCD058824222

G State Facility's ID: SCD050082422

H. Facility's Phone: (803) 277-1739

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No	Type	13 Total Quantity	14 Unit Wt/Vol	I Waste No
a. Hazardous substance, liquid, n.o.s. ORM-E NA 9188 RQ (polychlorinated biphenyls)	032	DM	01561	G	X-002
b. Hazardous substance solid, n.o.s. ORM-E NA 9188 RQ (polychlorinated biphenyls)	001	DM	00020	P	X-002
c.					
d.					

J. Additional Descriptions for Materials Listed Above

b. One drum containing contaminated clothing.

K. Handling Codes for Wastes Listed Above

S-01
T-54
T-07

15. Special Handling Instructions and Additional Information

Special handling instructions and Additional information: In case of spill, chemical resistant clothing and gloves should be worn in addition to respirators masks capable of handling organic materials, safety glasses, goggles and any other safety equipment considered necessary to prevent direct contact with the materials. Located in the drums or tank trucks. In case of individual injuries, rest, remove contaminated clothes immediately. Flush eyes with flushing water and wash skin with soap and plenty of water. If possible, transport to a hospital or not call Emergency Medical Care.

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Jose C Garcia (For R.PI) | Signature: José C. Garcia | Month Day Year: 10/11/38

TRANSPORTER

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Henry Calente Torres | Signature: Henry Calente Torres | Month Day Year: 1 7 X 3 [illegible]

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19

Printed/Typed Name | Signature | Month Day Year

GENERATOR

IN CASE OF EMERGENCY OF SPILL IMMEDIATELY CALL THE ENVIRONMENTAL QUALITY BOARD (809) 722-0439

Environmental Quality Board

COMMONWEALTH OF PUERTO RICO
ENVIRONMENTAL QUALITY BOARD
P.O. Box 11488, Santurce, Puerto Rico 00910

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Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

Form Approved OMB No 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: PRD090584152 — Manifest Document No: 8900 8
2. Page 2 of 2 — Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address:
ROCHE PRODUCTS INC.
Carr. Nat. 670 KM 2.7
4. Generator's Phone (809) 854-3020 P.O. Box 452 Manati PR 00701

A. State Manifest Document Number:
B. State Generator's ID:

5. Transporter 1 Company Name: Fraticelli Trucking
6. US EPA ID Number: PRD980644447
C. State Transporter's ID: PRD980644447
D. Transporter's Phone: (809) 836-1610

7. Transporter 2 Company Name: TMT Marina Transport
8. US EPA ID Number: PRD090559360
E. State Transporter's ID: PRD090559360
F. Transporter's Phone: (809) 724-6400

9. Designated Facility Name and Site Address:
UNISON Warehouse E
C/O Eastern Distribution Inc.
Perimeter Road At Donaldson Center
Greenville South Carolina
10. US EPA ID Number: SCD058824222
G. State Facility's ID: SCD050882422
H. Facility's Phone: (803) 277-1739

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
a. Hazardous substance liquid, n.o.s. ORM-E NA 9188 RQ (polychlorinated biphenyls)	032	DM	01581	G	X-002
b. Hazardous substance solid, n.o.s. ORM-E NA 9188 RQ (polychlorinated biphenyls)	001	DM	00020	P	X-002
c.					
d.					

J. Additional Descriptions for Materials Listed Above:
b. One drum containing contaminated clothing.

K. Handling Codes for Wastes Listed Above:
S-01
T-54
T-07

15. Special Handling Instructions and Additional Information:
Special handling instructions and Additional Information In case of spill chemical resistant clothing and gloves should be worn in addition to respirators masks capable of handling organic materials, safety glasses goggles and any other safety equipment considered necessary to prevent direct contact with the materials included in the drums or tank trucks In case of individual injuries rest, remove contaminated clothes, immediately flus dyes with running water and wash skin with soap and plenty of water If possible, transport to a Hospital, if not call Emergency Medical Care

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Jose C. Garcia (For R.P.I.) — Signature: José C. García — Month Day Year: 07/13/89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name — Signature — Month Day Year

COMMONWEALTH OF PUERTO RICO / X [illegible]

Environmental Quality Board

ENVIRONMENTAL QUALITY BOARD

P.O. Box 11488, Santurce, Puerto Rico 00910

7

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Form Approved OMB No. 2050-0039 Expires 9-30

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: PRD090584152 — Manifest Document No: 89009

2 Page 1 of 1 — Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address:
ROCHE PRODUCTS INC
Carr. Est. 670 Bl. 2.7
P.O. Box 452 Manati PR 00701

A. State Manifest Document Number:

B State Generator's ID:

4 Generator's Phone: (809) 854-3020

5 Transporter 1 Company Name: Emilio Barbosa Transport

6 US EPA ID Number: PRD000010306

C. State Transporter's ID: PRD000010306

D. Transporter's Phone: (809) 781-5811

7 Transporter 2 Company Name: TMT Marine Transport

8 US EPA ID Number: PRD090559360

E State Transporter's ID: PRD090559360

F. Transporter's Phone: (809) 724-6400

9 Designated Facility Name and Site Address:
UNISON Warehouse 2
C/O Eastern Distribution Inc.
Perimeter Road At Donaldson Center
Greenville South Carolina

10 US EPA ID Number: SCD050882422

G. State Facility's ID: SCD050882422

H. Facility's Phone: (803) 277-1739

11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No	Type	13 Total Quantity	14 Unit Wt. Vol	I. Waste No.
a. Hazardous waste liquid, n.o.s. ORM-E, NA 9189 RQ (polychlorinated biphenyls)	004	A	3320	P	X-002
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above:
a. Transformer Carcasses Containing PCB

K. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

Special handling instructions and additional information: In case of spill chemical resistant clothing and gloves should be worn. In addition to respirator masks capable of handling organic materials safety glasses goggles and any other safety equipment considered necessary to prevent direct contact with the materials included in the drums or tank trucks. In case of individual injuries: first remove contaminated clothes immediately flush eyes with running water and wash skin with soap and plenty of water. If possible transport to a Hospital if not call Emergency Medical Care.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Jose C Garcia (for RPT) — Signature: José C Garcia — Month Day Year: 07 11 318

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Julio L Villafañe — Signature: Julio L. Villafañe — Month Day Year: 07 11 318

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year:

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name: — Signature: — Month Day Year:

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF EMERGENCY OF SPILL IMMEDIATELY CALL THE ENVIRONMENTAL QUALITY BOARD (809) 722-0439

Environmental Quality Board

COMMONWEALTH OF PUERTO RICO
ENVIRONMENTAL QUALITY BOARD

P.O. Box 11488, Santurce, Puerto Rico 00910

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UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: PRD090584152 — Manifest Document No: 89009

2 Page 1 of 2

Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address: ROCHE PRODUCTS INC. Carr. Est. 880 KM. 2.7 P.O. Box 452 Manati PR 00701

A. State Manifest Document Number

B. State Generator's ID

4 Generator's Phone (809) 854-3020

5 Transporter 1 Company Name: Emilio Barbosa Transport

6 US EPA ID Number: PRD000010306

C. State Transporter's ID: PRD000010306

D. Transporter's Phone: (809) 781-5811

7 Transporter 2 Company Name: TMT Marine Transport

8 US EPA ID Number: PRD090559360

E. State Transporter's ID: PRD090559360

F. Transporter's Phone: (809) 724-6400

9 Designated Facility Name and Site Address: UNISON Warehouse E C/O Eastern Distribution Inc. Perimeter Road At Donaldson Center Greenville South Carolina

10 US EPA ID Number: SCD050882422

G. State Facility's ID: SCD050882422

H. Facility's Phone: (803) 277-1739

11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No.	Type	13. Total Quantity	14 Unit Wt/Vol	7 Waste No
a. Hazardous waste liquid, n.o.s. ORM-E, NA9189 RQ (polychlorinated biphenyls)	04	N/A	23320	P	X-002
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

a. Transformer Carcasses Containing PCB

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Special Handling Instructions and Additional Information: In case of spill, chemical resistant clothing and gloves should be worn. In addition to respirators masks capable of handling organic materials, safety glasses, goggles and any other safety equipment considered necessary to prevent direct contact with the materials included in the drums or tank trucks. In case of individual injuries, rest, remove contaminated clothes immediately, flush eyes with running water and wash skin with soap and plenty of water. If possible, transport to a Hospital. If not call Emergency Medical Care.

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Printed/Typed Name: Jose O. Garcia (For R.P.I.) — Signature: José O. Garcia — Month Day Year: 07 18 8[illegible]

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed Typed Name — Signature — Month Day Year

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed Typed Name — Signature — Month Day Year

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed Typed Name — Signature — Month Day Year

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OF SPILL IMMEDIATELY CALL THE ENVIRONMENTAL QUALITY BOARD (809) 722-0439

Environmental Quality Board

ENVIRONMENTAL QUALITY BOARD

P.O. Box 11488, Santurce, Puerto Rico 00910

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Form Approved OMB No 2050 0039 Expires 9 Ju

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: PRD 090584152 Manifest Document No: 89010

2 Page 1 of 1

Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address: ENCHE PRODUCTS INC. Carr. Est. 670.KM. 2.7 P.O. Box 452 Manati PR 00701

A State Manifest Document Number

B State Generator's ID

4. Generator's Phone (809) 854-3020

5. Transporter 1 Company Name: Emilio Barbosa Transport

6 US EPA ID Number: PRD000010360

C State Transporter's ID PRD000010360

D. Transporter's Phone (809)781-5810

7. Transporter 2 Company Name: TMT Marine Transport

8 US EPA ID Number: PRD090559360

E State Transporter's ID PRD090559360

F Transporter's Phone (809)- 724-6400

9 Designated Facility Name and Site Address: UNISON Warehouse K C/O Eastern Distribution Inc. Perimeter Road at Donaldson Center Greenville South Carolina

10 US EPA ID Number: SCD050882422

G State Facility's ID SCD050882422

H. Facility's Phone (803) 277-1739

11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No	Type	13 Total Quantity	14 Unit Wt Vol	I. Waste No
a. Hazardous Waste, liquid, n.o.s., ORM-E NA 9189 RQ (polychlorinated biphenyls)	03	M/A	19500	P	X-002
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

a. Transformer Carcasses Containing PCB

K. Handling Codes for Wastes Listed Above

15 Special Handling Instructions and Additional Information

Special Handling Instructions and Additional Information: In case of spill, chemical resistant clothing and gloves should be worn in addition to respirators, masks capable of handling organic materials, safety glasses, goggles and any other safety equipment considered necessary to prevent direct contact with the materials included in the drums or tank trucks. In case of individual injuries, rest, remove contaminated clothes immediately, flush eyes with running water and wash skin with soap and plenty of water. If possible, transport to a Hospital if not call Emergency Medical Care

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Printed Typed Name: Jose C Garcia (For R.P.I) Signature: José C. Garcia Month Day Year: 07 11 89

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed Typed Name: Luis Pedraza Signature: Luis Pedraza Month Day Year: 07 12 89

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed Typed Name Signature Month Day Year

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed Typed Name Signature Month Day Year

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF EMERGENCY OF SPILL IMMEDIATELY CALL THE ENVIRONMENTAL QUALITY BOARD (809) 722-0439

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete

CP-2967-8

Environmental Quality Board

COMMONWEALTH OF PUERTO RICO
ENVIRONMENTAL QUALITY BOARD

P.O. Box 11488, Santurce, Puerto Rico 00910

7

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Form Approved OMB No 2050-0039 Expires 9-30

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: PRD090584152 — Manifest Document No: 89010

2 Page 1 of 2

Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address: ROCHE PRODUCTS INC. Carr. Est. 670 KM 2.7 P.O. Box 653 Manati PR 00701

4. Generator's Phone (809) 854-3020

A State Manifest Document Number

B State Generator's ID

5. Transporter 1 Company Name: Emilio Barbosa Transport

6 US EPA ID Number: PRD000010306

C. State Transporter's ID: PRD000010306

D. Transporter's Phone (809) 781-5810

7 Transporter 2 Company Name: TMT Marine Transport

8 US EPA ID Number: PRD090559360

E State Transporter's ID: PRD090559360

F. Transporter's Phone (809) 724-6400

9 Designated Facility Name and Site Address: UNISON Warehouse X C/O Eastern Distribution Inc. Perimeter Road At Donaldson Center Greenville South Carolina

10. US EPA ID Number: SCD050882422

G. State Facility's ID: SCD050882422

H. Facility's Phone (803) 277-1739

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No	Type	13 Total Quantity	14 Unit Wt/Vol	I. Waste No.
a. Hazardous waste, liquid, n.o.s. ORM-E NA 9189 RQ (polychlorinated Biphenyls)	03	N/A	19500	P	X-002
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

a. Transformer Carcasses Containing PCB

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Special Handling Instructions and Additional Information: In case of spill, chemical resistant clothing and gloves should be worn in addition to respirators masks capable of handling organic materials, safety glasses, goggles, and any other safety equipment considered necessary to prevent direct contact with the materials included in the drums or tank trucks. In case of individual injuries, rest, remove contaminated clothes, immediately flush eyes with running water and wash skin with soap and plenty of water. If possible, transport to a Hospital, if not call Emergency Medical Care.

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Printed/Typed Name: Jose O. Garcia (For R.P.I.) — Signature: José O. Garcia — Month Day Year: 07 13 6[illegible]

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed Typed Name — Signature — Month Day Year

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed Typed Name — Signature — Month Day Year

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed Typed Name — Signature — Month Day Year

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OF SPILL IMMEDIATELY CALL THE ENVIRONMENTAL QUALITY BOARD (809) 722-0438

Fraticelli
TRUCKING CO. INC
FIRM DELIVERY
PONCE, PUERTO RICO 00731

STRAIGHT BILL OF LADING
SHORT FORM - NOT NEGOTIABLE

BILL OF LADING No.

836-1610 – 844-3589
EMERGENCY TELEPHONES

PAGE 1 OF 1

DATE: 7/13/89 VEHICLE: 284

ORIGIN: Roche Manati

CONSIGNED TO: TMT, San Juan

CUSTOMER ORDER No.

SHIPPER ORDER No.

PREPAID: COLLECT:

NUMBER TYPE OF PACK	HM MP	DOT SHIPPING NAME HAZARD CLASS	DESCRIPTION OF ARTICLES MARKS AND EXCEPTIONS	WEIGHT
1 van			1 20' van of Hazardous Waste	
			as per attack manifest	
			VAN # TRAV 290942-6	
			NET WEIGHT	

BY: CARRIER: TRAV 290942 DRIVER: Henry Palmer

DELIVERY RECEIPT

ARRIVAL AT CONSIGNEE:

DATE: 7/13/89 TIME: 11:50 am

BY: [illegible]

DEPARTURE FROM CONSIGNEE

DRIVER: Henry Palmer

DATE: 7/13/89 TIME: 12:50 pm

BY: [illegible]

IMPRENTA "LAS AMERICAS" - PONCE - 843-9638

	Quantity used (Pounds)				
Name of the Material	Chemical Process	Pharmaceutical Process	Cooling Tower	Waste Water Treatment Plant	Total (Poun
Acetone	54,322.38	N/A	N/A	N/A	54,322.38
Ammonia	12,176.27	N/A	N/A	N/A	12,176.27
* Isopropanol	78,487.2	3,982.23 (9.74)	N/A	N/A	82,469.4
Methanol	89,302.5	N/A	N/A	N/A	89,312.2
Methylene Chloride	30,523.82	11,540.97	N/A	N/A	42,064.7
Sulfuric Acid	9,662.22	N/A	26,400.00	4,800.00	40,862.2
Toluene	23,284.8	N/A	N/A	N/A	23,284.8

CONTAINER STORAGE AREA: CLOSURE PLAN
COST ESTIMATE WORKSHEET

A Inventory Management

1) Recontainerization of waste

Note. No cost is being assigned to this item since only drums in good conditions are used at the facility

2) Inventory quantity

a) Total number of full containers : 352

b) Container capacity : 55 gal/container

c) Containerized waste quantity : 9,625 gal.

$352 \text{ drums} \times 55 \frac{\text{gal}}{\text{drum}} = 19{,}360 \text{ gal}$

d) Total container weight : 70 tons

$19{,}360 \text{ gal} \times \frac{7 \text{ lb}}{\text{gal}} \times \frac{\text{tn}}{2000 \text{ lb}} = 67.7$

3) Container loading

a) Number of pallets : 88

$$352 \text{ drums} \times \frac{\text{pallet}}{4 \text{ drums}} = 88$$

b) Loading unit cost: $5.00 / pallet

c) Containers loading cost : $440.00

88 pallets x $5.00/pallet = $440.00

4) Off-site management of inventory

a) Quantity to be managed off-site: 70 tons

b) Truck capacity : 20 tons

$$100 \text{ drums} \times 55 \frac{\text{gal}}{\text{drum}} \times 7 \frac{\text{lb}}{\text{gal}} \times \frac{\text{ton}}{2000 \text{ lb}} = 19.25 \text{ tons}$$

c) Number of loads : 4

$$70 \text{ tons} \times \frac{\text{load}}{20 \text{ tons}} = 3.5 \text{ loads}$$

d) One-way distance : 300 mi/load

e) Transportation unit cost: $2.00/mi

f) Road transportation cost: $6,000

$\frac{300\ mi}{load} \times 4\ loads \times \frac{\$5.00}{mi} = \$6,000$

g) Maritime transportation: $8,000

$\frac{\$2,000}{load} \times 4\ loads = \$8,000$

h) Off-site management unit cost: $500/ton

Note: Assuming commercial incineration

i) Off-site management cost: $35,000

$\$500/ton \times 70\ tons = \$35,000$

j) Off-site management subtotal:

$\$6,000 + \$8000 + \$35,000 = \$49,000$

5) Drum Inventory Management Subtotal: $50,00

450.00 loading
49,000.00 off-site management
49,450.00

6) Cost per drum = $50,000 ÷ 352 drums = $142.00/drum

B. Decontamination

1) Protective clothing and safety equipment

a) Number of personnel requiring clothing: 5

b) Safety equipment unit cost: $80/person

c) Safety equipment and clothing cost: $400.00

2) Pad decontamination

a) Method of pad decontamination: Sanding by means of floor machine

b) Pad area to be decontaminated: 5400 ft²

c) Pad decontamination unit cost: $0.85/ft²

* Equip. rental cost: $250/wk + 40 hr/wk = $62
* Equip. operating cost: $1.50/hr
* Cleaning rate: 80 ft²/hr
* Labor: $30/hr x 2 workers = $60/hr
* Unit cost: $\frac{\$6.25/hr + \$1.50/hr + \$60/hr}{80\ ft^2/hr} = \frac{\$0.85}{ft^2}$

Fernando L. Rodríguez, P. E. & Associates
Environmental Engineering Consultants

BY _____ DATE _____ SUBJECT _____ SHEET NO. 5 OF 1
CHKD BY _____ DATE _____ JOB NO. _____

→ Unit cost: $\frac{\$5000}{5400\ ft^2} = \$0.9$

d) Pad decontamination subtotal : $\boxed{\$5,000}$

$\frac{\$0.85}{ft^2} \times 5400\ ft^2 = \$4590$
$+\ 400$ clothing
$\$5,000$

e) Contaminated fluid and residues generated:

* 13 drums (55 gal. each) of washwaters from floo
* 20 drums (55 gal. each) of wood pallets
* 1 drum (55 gal) of discarded equipment
* 3 drums (55 gal. each) of washwaters from personnel and equip. decontam

C. Testing for Success of Decontamination

1) Number of washwater samples : $\frac{16 \text{ drums}}{2 \text{ drums per sample}} = 8$ sam

8 samples x 1.20 = $\boxed{10 \text{ sam}}$
20% duplicate

2) Sampling cost: ~~$90.00~~ $150.00

~~6~~ 10 samples x $\frac{0.5\ hr}{sample}$ x $30.00/hr = ~~$90.00~~ $150.00

3) Cost to test each sample: $1,200

a) RCRA parameters : $500
b) Pretreatment parameters : $500 (if required)
c) VOC's : $200

4) Testing for success of decontamination cost: $\boxed{\$\cancel{7,500}\ 12,000}$
(due to washwaters samples)

(1,200 x ~~6~~ 10) + $90 = $~~7,590~~ 12,000

5) a) Number of concrete samples: $25 \times 1.20 = 30$ (20% duplicate)

b) Sampling cost: $3,100

Motorized auger mobilization: $2,000

Labor cost: 3 employees $\times \frac{\$100.00}{day} \times$ 2 days = $600.00

1 technician $\times \frac{\$250.00}{day} \times$ 2 days = $500.00

$3,100

c) Cost to test each sample: $700 ($500 RCRA and $200 VOC)

d) Testing for success of decontamination cost: $24,100 (due to concrete samples)

($700 x 30) + $3,100 = $24,100

6) Total cost due to washwaters and concrete samples.

$12,000 + $24,100 = $36,100

7) Unit cost per sample = $\frac{\$36,100}{10+30 \text{ samples}} = \boxed{\frac{\$900.00}{\text{sample}}}$

D. Off-site Management of Decontamination Residues

1) Quantity of liquid residues to be managed off-site: 4 tons

$16 \text{ drums} \times \frac{55 \text{ gal}}{\text{drum}} \times \frac{9.3 \text{ lb}}{\text{gal}} \times \frac{\text{ton}}{2000 \text{ lb}} = 3.6 \text{ tons}$

2) Quantity of solid residues to be managed off-site: 6 tons

$21 \text{ drums} \times \frac{55 \text{ gal}}{\text{drum}} \times \frac{10 \text{ lb}}{\text{gal}} \times \frac{\text{ton}}{2000 \text{ lb}} = 5.7 \text{ tons}$

3) Number of loads: 1

4) Road transportation: $1,500

$\frac{300 \text{ mi}}{\text{load}} \times 1 \text{ load} \times \frac{\$5.00}{\text{mi}} = \$1,500$

5) Maritime transportation: $2000

6) Off-site management cost: $2000
Note: Assuming commercial hazardous waste treatm (liq. residues) and landfill disposal (solid resi

$\$200/\text{ton} \times (4+6) \text{ tons} = \$2,000$ → Cost per drum $\frac{15,500}{37 \text{ drums}} = \$$

7) Off site management subtotal: $15,500

E Removal of Contaminated Soil (if required)

1) Protective clothing cost: $400

5 workers x $80 = $400

2) Soil samples underneath concrete pad and additional concrete sample

a) Number of samples: 10

b) Sample collection time required: 1 hr/sample

c) Technician unit labor cost: $60/hr

2 tech. x $30.00/hr = $60/hr

d) Sample collection time: 10 hr

10 samples x 1 hr/sample = 10 hr

e) Equipment mobilization: $2,000

f) Sampling cost: $2,600

$2,000 + (10 hr x $60/hr) = $2600

g) Laboratory cost:

10 samples x $700.00/sample = $7,000

↓

($500.00 RCRA & $200.00 VOC)

3) Excavation of contaminated soil

a) Volume of contaminated soil: 3 yd^3

$$10 \text{ drums} \times \frac{55 \text{ gal}}{\text{drum}} \times \frac{ft^3}{7.48 \text{ gal}} \times \frac{yd^3}{27 ft^3} = 2.7 yd^3$$

b) Excavation unit cost: $465.00/$yd^3$

* Demolition of reinforced slab: $110.00/$yd^3$
* Excavation with front shovel: $5.00/$yd^3$
* Mobilization/demobilization costs: $350.00/yd
* Total Unit Cost: $465.00/$yd^3$

c) Contaminated soil removal before surcharge

$$\frac{\$465}{yd^3} \times 3 yd^3 = \$1,395$$

d) Surcharge: 2.0

* To account for increased insurance (liability and medical) premiums, higher wages, equipment modifications, training.

e) Contaminated soil excavation: $3,000

$1395 x 2 = $2,790

f) Excavation cost subtotal: $3,000

4) Off-site management of contaminated soil

a) Quantity to be managed off-site: 3 tons

$$10 \text{ drums} \times 55 \frac{\text{gal}}{\text{drum}} \times 10 \frac{16}{\text{gal}} \times \frac{\text{ton}}{2000 \text{ lb}} = 2.7$$

b) Number of loads: 1

c) Transportation cost: accounted in Section D

d) Off-site management cost: $600.00

Note: Assuming commercial landfill disposal

$200/ton x 3 tons = $600.00

5) Removal of contaminated soil cost subtotal: $6,600

$400 + $2600 + $3000 + $600 = $6,600

+$7,000 $14,000

6) Unit cost per yd³ = [illegible]

F. Certification of Final Closure

1) Independent Registered Professional Engineer

a) Initial review of closure plan: 8 hrs

b) Inspection frequency: 2/wk

c) Inspection time required: 8 hr/inspection

d) Number of weeks for closure: 4 wk

e) Inspection time required: 64 hrs

$$2 \frac{\text{insp.}}{\text{wk.}} \times 8 \frac{\text{hr}}{\text{insp.}} \times 4 \text{ wk} = 64 \text{ hrs}$$

f) Prepare final documentation: 4 hrs

g) Total professional engineer time required: 76 hr

8 hr + 64 hr + 4 hr = 76 hr

h) Professional engineer unit labor cost: $75.00/hr

i) Professional engineer cost: $ 5,700

$$\frac{\$ 75}{\text{hr}} \times 76 \text{ hr} = \$ 5,700$$

3) Clerical

a) Clerical time required: 2 hr/wk

b) Clerical unit labor cost: $25/hr

c) Clerical cost: $200.00

$1 \text{ wk} \times 2 \frac{\text{hr}}{\text{wk}} \times \$25.00 \frac{}{\text{hr}} = \$200.00$

3) Certification of Closure Subtotal: **$5,900**

$5,700 + $200.00 = $5,900

ROCHE PRODUCTS INC.

CARRETERA ESTATAL #670 KM 2.1
MANATI • PUERTO RICO • 00701

APARTADO 457
MANATI • PUERTO RICO • 00701

March 27, 1987

U.S. Environmental Protection Agency
Permits Administration Branch
Room 432
26 Federal Plaza
New York, NY 10278

Attention : Mr. Richard M. Walka

Dear Mr. Walka :

Pursuant to the Code of Federal Regulations, Title 40, Part 265.75, we are submitting herein the Facility Biennual Hazardous Waste Report covering the activities performed in the calendar year of 1986.

Please note that during 1986 all of our hazardous wastes were stored or treated on site. No hazardous waste were sent outside of our facility.

If you wish to obtain any additional information or documentation, please let us know.

Sincerely,

José C. García
Safety and Environmental
Affairs Supervisor

ds

Enclosures

ENVIRONMENTAL PROTECTION AGENCY

FACILITY BIENNIAL HAZARDOUS WASTE REPORT FOR 1986

This report is for the calendar year ending December 31, 1986.
Read All Instructions Carefully Before Making Any Entries on Form

I. NON-REGULATED STATUS

See instructions before completing this section.

This facility did not treat, store, or dispose of regulated quantities of hazardous waste at any time during 1985. . . . . ☐

Explain your non-regulated status in the space below.

Please print/type with elite type (12 characters per inch)

II. FACILITY EPA I.D. NUMBER

T/A C

PRD090584152[redacted]

1 2 13 14 15

This Facility's Non-Regulated Status is Expected to Apply:

☐ For 1985 Only ☐ Permanently

☐ Other _____

III. NAME OF FACILITY

ROCHE PRODUCTS INC

30 69

IV. FACILITY MAILING ADDRESS

PO BOX 452

15 16 45

Street or P.O. Box

MANATI PR 00701

15 16 41 42 47 51

City or Town State Zip Code

V. LOCATION OF FACILITY (if different than section IV above)

STATE ROAD # 670 KM 2 7

15 16 45

Street or Route number

MANATI PR 00701

15 16 41 42 47 51

City or Town State Zip Code

VI. FACILITY CONTACT

2 GARCIA SANCHEZ JOSE

15 16 45

Name (last and first)

46 55

Phone No. (area code & no.)

VII. COST ESTIMATES FOR FACILITIES

$ 201 960

16 19 22

A. Cost Estimate for Facility Closure

$ 25 28 31

B. Cost Estimate for Post Closure Monitoring and Maintenance (disposal facilities only)

VIII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

GENERAL MANAGER

Facility Biennial Hazardous Waste Report for 1986 (cont.)

...is report is for the calendar year ending Dece... 31, 1986

Date rec'd: _____ Rec'd by: _____

IX. FACILITY'S EPA I.D. NO.

T A C

E P R D 0 9 0 5 8 4 1 5 2

1 2 13 14 15

XI. GENERATOR NAME (specify generator from whom all wastes on this page were received)

ON-SITE ☐

XII. GENERATOR ADDRESS

X. GENERATOR'S EPA I.D. NO.

16 28

XIII. TOTAL WASTE IN STORAGE ON DECEMBER 31, 198[illegible] (complete this section only once for your facility)

S01 1 1 8 9 0.5 (K) AMOUNT OF WASTE UOM

S02 AMOUNT OF WASTE UOM

S03 AMOUNT OF WASTE UOM

S04 AMOUNT OF WASTE UOM

S05 3 5 6 0 .5 (K) AMOUNT OF WASTE UOM

XII. WASTE IDENTIFICATION

Sequence	Line	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	
28 32	1	Acetone Distillation Bottoms	D 0 0 1 (33 36 37 40) (41 44 45 48)	S 0 1 (50 51)	1 5 0 1 . 5	K
	2	Acetone Distillation Bottoms	F 0 0 3	T 0 4	1 1 0 7 . 0	K
	3	Acetone And Organic Residue	F 0 0 3	T 0 4	1 0 5 4 . 5	K
	4	Ethanol and Organic Residue	D 0 0 1 F 0 0 3	S 0 1	6 9 4 . 0	K
	5	Ethanol and Organic Residue	D 0 0 1 F 0 0 3	T 0 4	2 0 2 7 . 0	K
	6	Ethanol and Organic Residue	D 0 0 1	S 0 1	1 8 2 . 0	K
	7	Ethanol and Organic Residue	D 0 0 1	T 0 4	5 0 2 . 5	K
	8	Isopropanol and Organic Residue	D 0 0 1	T 0 4	1 2 4 3 . 5	K
	9	Isopropanol and Organic Residue	D 0 0 1	S 0 1	1 5 0 8 . 5	K
	10	Methanol and Organic Residue	F 0 0 3	T 0 4	1 0 4 1 . 0	K
	11	Methanol and Organic Residue	F 0 0 3	S 0 1	2 7 4 7 . 0	K
	12	Spent Methanol Solution	F 0 0 3 D 0 0 1	T 0 4	3 4 8	K

XIII. COMMENTS (enter information by section number—see instructions)

T 0 4 = Biological Treatment (Wastewater Treatment Plant)

Facility Biennial Hazardous Waste Report for 1986 (cont.)

This report is for the calendar year ending December 31, 1986

Date rec'd: _____ Rec'd by: _____

IX. FACILITY'S EPA I.D. NO.

X. GENERATOR'S EPA I.D. NO.

XI. GENERATOR NAME (enter name of generator from whom wastes on this page were received)

ON-SITE

XII. GENERATOR ADDRESS

XIII. TOTAL WASTE IN STORAGE ON DECEMBER 31, 1985 (complete this section only once for your facility)

S01 AMOUNT OF WASTE _____ UOM _____ S02 AMOUNT OF WASTE _____ UOM _____ S03 AMOUNT OF WASTE _____

S04 AMOUNT OF WASTE _____ UOM _____ S05 AMOUNT OF WASTE _____ UOM _____

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste
29 30	1	O-xylene Still Bottoms	F 0 1 0 3	T 0 4	486.0
	2	Toluene Still Bottoms	F 0 0 5	S 0 1	2677.5
	3	Toluene Still Bottoms	F 0 0 5	T 0 4	1294.5
	4	Toluene Still Bottoms	F 0 0 5	S 0 5	3560.5
	5	Toluene and Organic Residue	F 0 0 5	S 0 1	457.0
	6	Corrosive Spent Lab.	D 0 0 2 D 0 0 7 D 0 0 9 D 0 1 1		
	7	Reagent, Sulfuric Acid			
	8	Silver Mercury and Chromates		S 0 1	1113.0
	9	Spent Methylene Chloride	F 0 0 2 D 0 0 4	T 0 4	3689.0
	10	Spent Methylene Chloride	F 0 0 2 D 0 0 1	S 0 1	789.0
	11	Spent Methylene Chloride	F 0 0 2	S 0 1	221.0
	12				

XIII. COMMENTS (enter information by section number—see instructions)

Line number 4 columns A through E, this still bottoms was recycled by distillation. Line Number 6 through 8 A through E are all descriptions of one (1) waste.

ROCHE PRODUCTS INC.

CARRETERA ESTATAL #670 KM 27
MANATÍ • PUERTO RICO • 00701

APARTADO 452
MANATÍ • PUERTO RICO • 0375[illegible]

March 27, 1987

Ms. Ivette De Jesus
Chief Inspection, Monitoring and
Surveillance Section
Land Pollution Control Area
Environmental Quality Board
PO Box 11488
Santurce, PR 00910

Dear Ms. De Jesus:

We are herein submitting the Generator Annual Report for 1986 activities. The information in this report is already included in the Facilities Annual Report, also submitted.

I understand that we do not have to prepare the Generator Annual Report because we did not disposed of hazardous waste in an outside facility in 1986.

I also want to state that the quantities in the Generator Annual Report should not be added to the quantities reported in the Facilities Annual Report.

If you should have any questions regarding the information submitted, please let us know.

Cordially,

José C. García
Safety and Environmental
Affairs Supervisor

c Mr. E. Brown
Mr. E. MacMillan
Mr. L Lesniak

ds

Do not make entries in shaded

COMMONWEALTH OF PUERTO RICO / OFFICE OF THE GOVERNOR

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

Environmental Quality Board

This report is for the calendar year ending December 31.

AFFIX LABEL HERE

Please print/type with elite type (12 characters per inch)

GENERAL INSTRUCTIONS: If you received a preprinted label attached to the mailing envelope in which this form was enclosed, affix it in the space provided. If any of the information on the label is incorrect, draw a line through it and provide the correct information in the appropriate section below. If the information is correct and complete, leave Sections I, II, and III below blank. If you did not receive a preprinted label, complete all sections. REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM. The information requested in this report is required by law (Section 3002 of the Resource Conservation Recovery Act).

I. GENERATOR'S EPA I.D. NUMBER

T/A C

FPRD090684162 11

1 2 13 14 15

II. NAME OF INSTALLATION

ROCHE PRODUCTS INC

30 69

III. INSTALLATION MAILING ADDRESS

3 PO BOX 452

15 16 45

Street or P.O. Box

4 MANATI PR 00701

15 16 41 42 47 51

City or Town State Zip Code

IV. LOCATION OF INSTALLATION (if different than section III above)

5 STATE RD# 670 Km 2.7

15 16 45

Street or Route number

6 MANATI PR 00701

15 16 41 42 47 51

City or Town State Zip Code

V. INSTALLATION CONTACT

2 GARCIA SANCHEZ JOSE

15 16 45

Name (last and first)

809-854-3020

46 55

Phone No. (area code & no.)

VI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

EDWARD BROWN PRESIDENT AND GENERAL MANAGER Edward Brown 3/27/

Do not make entries in shaded areas

ENVIRONMENTAL QUALITY Boy

Generator Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

Date rec'd: _____ Rec'd by: _____

VII. GENERATOR'S EPA I.D. NO.

T/A C

G | | | | | | | | | | | | 1
1 2 13 14 15

VIII. FACILITY NAME (specify facility to which all wastes on this page were shipped)

X. FACILITY ADDRESS

IX. FACILITY'S EPA I.D. NO.

F | | | | | | | | | | | |
16 28

XI. TRANSPORTATION SERVICES USED (Ln the name and EPA identification number of all transporters whose services were used during 1981. This section to be completed only once. Do not repeat on supplemental sheets.)

XII. WASTE IDENTIFICATION

Sequence	Line	A. Description of Waste	B. DOT Hazard code	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste	E. Unit of
32	1	Acetone Distillation Bottoms	33 34	F003 (35 38 39 42)	8,450 (51 59)	K (60)
	2	Acetone and Organic Residue		F003	10,54.5	K
	3	Ethanol and Organic Residue		D001 F003	2,027	K
	4	Ethanol and Organic Residue		D001	6,845	K
	5	Isopropanol and Organic Res.		D001	1,561	K
	6	Methanol and Organic Residue		F003	3,82	K
	7	O-xylene Still Bottoms		F003	4,86	K
	8	Spent Methanol Solution		F003 D001	.348	K
	9	Toluene Still Bottoms		F005	4,374	K
	10	Toluene and Organic Residue		F005	2,185	K
	11	Spent Methylene Chloride		F002 D001	4,478	K
	12	Spent Methylene Chloride		F002	2,21	K

XIII. COMMENTS (enter information by section number—see instructions)

Environmental Quality Board

This report for the calendar year ending December 31, [illegible]

AFFIX LABEL HERE

Please print/type with elite type (12 characters per inch)

GENERAL INSTRUCTIONS: If you received a preprinted label attached to the mailing envelope in which this form was enclosed, affix it in the space provided. If any of the information on the label is incorrect, draw a line through it and provide the correct information in the appropriate section below. If the information is correct and complete, leave Sections I, II, and III below blank. If you did not receive a preprinted label, complete all sections. REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM: The information requested in this report is required by law (Section 3004 of the Resource Conservation Recovery Act).

I. FACILITY EPA I.D. NUMBER

T.A.C.

F P R D 0 9 0 5 8 4 1 5 2 1

1 2 13 14 15

II. NAME OF FACILITY

ROCHE PRODUCTS INC.

30 69

III. FACILITY MAILING ADDRESS

3 PO BOX 452

15 16 45

Street or P.O. Box

4 MANATI | PR | 00701

15 16 41 42 47 51

City or Town State Zip Code

IV. LOCATION OF FACILITY (if different than section III above)

5 STATE RD# 670 KM 2.7

15 16 45

Street or Route number

6 MANATI | PR | 00701

15 16 41 42 47 51

City or Town State Zip Code

V. FACILITY CONTACT

2 GARCIA SANCHEZ, JOSE

15 16 45

Name (last and first)

809 854 3020

46 55

Phone No. (area code & no.)

VI. COST ESTIMATES FOR FACILITIES

$ 201 960 $

16 19 22 25 28 31

Cost Estimate for Facility Closure

Cost Estimate for [illegible] and Maintenance [illegible]

VII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this [illegible] and that based on my inquiry of those individuals immediately responsible for obtaining the information [illegible] submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information [illegible] the possibility of fine and imprisonment.

EDWARD BROWN PRESIDENT AND GENERAL MANAGER Edward Brown 3/27/87

Print Type Name Title Signature of Authorized Representative Date Signed

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

VIII. FACILITY'S EPA I.D. NO. T/A C

F PRD090584152 1

1 2 13 14 15

Date received: _____

Received by: _____

IX. GENERATOR'S EPA I.D. NO.

G

16 28

X. GENERATOR NAME (specify generator from whom all wastes on this page were received)

XI. GENERATOR ADDRESS

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	E. Unit of
29 32	1	Acetone Distillation Bottoms	F003 (33 36 37 40) D001 F003 (41 44 45 48)	S01 (49 51)	15015.5 (52 60)	KG (61)
	2	Acetone Distillation Bottoms	F003	T04	1107.0	KG
	3	Acetone And Organic Residue	F003	T04	1054.5	KG
	4	Ethanol and Organic Residue	D001 F003	S01	694.0	KG
	5	Ethanol and Organic Residue	D001 F003	T04	2027.0	KG
	6	Ethanol and Organic Residue	D001	S01	182.0	KG
	7	Ethanol and Organic Residue	D001	T04	502.5	KG
	8	Isopropanol and Organic Residue	D001	T04	1243.5	KG
	9	Isopropanol and Organic Residue	D001	S01	1508.5	KG
	10	Methanol and Organic Residue	F003	T04	1041.0	KG
	11	Methanol and Organic Residue	F003	S01	2747.0	KG
	12	Spent Methanol Solution	F003 D001	T04	348	KG

XIII. COMMENTS (enter information by section number—see instructions)

T04 = Biological Treatment (Wastewater Treatment Plant)

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

VIII. FACILITY'S EPA I.D. NO. T/A C

F P R D 0 9 0 5 8 4 1 5 2 1

1 2 13 14 15

Date received: _____

Received by: _____

IX. GENERATOR'S EPA I.D. NO.

G

16 28

X. GENERATOR NAME (specify generator from whom all waste on this page were received)

XI. GENERATOR ADDRESS

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	Unit of Measure
29 32	1	O-xylene Still Bottoms	F 0 1 0 3	T 0 4	4 8 6 . 0	KG
	2	Toluene Still Bottoms	F 0 0 5	S 0 1	2 6 7 7 . 5	KG
	3	Toluene Still Bottoms	F 0 0 5	T 0 4	1 2 9 4 . 5	KG
	4	Toluene Still Bottoms	F 0 0 5	S 0 5	3 5 6 0 . 5	KG
	5	Toluene and Organic Residue	F 0 0 5	S 0 1	4 5 7 . 0	KG
	6	Corrosive Spent Lab.	D 0 0 2 D 0 0 7 D 0 0 9 D 0 1 1			
	7	Reagent, Sulfuric Acid				
	8	Silver Mercury and Chromates		S 0 1	1 1 1 3 . 0	KG
	9	Spent Methylene Chloride	F 0 0 2 D 0 0 1	T 0 4	3 6 8 9 . 0	KG
	10	Spent Methylene Chloride	F 0 0 2 D 0 0 1	S 0 1	7 8 9 . 0	KG
	11	Spent Methylene Chloride	F 0 0 2	S 0 1	2 2 1 . 0	KG
	12					

XIII. COMMENTS (enter information by section number—see instructions)

Line number 4 columns A through E, this still bottoms was recycled by distillation. Line Number 6 through 8 A through E are all descriptions of one (1) waste.

ROCHE PRODUCTS INC.

CARRETERA ESTATAL #670 KM 2.1
MANATI • PUERTO RICO • 00701

APARTADO 467
MANATI • PUERTO RICO • 00701

March 27, 1987

U.S. Environmental Protection Agency
Permits Administration Branch
Room 432
26 Federal Plaza
New York, NY 10278

Attention : Mr. Richard M. Walka

Dear Mr. Walka :

Pursuant to the Code of Federal Regulations, Title 40, Part 265.75, we are submitting herein the Facility Biennual Hazardous Waste Report covering the activities performed in the calendar year of 1986.

Please note that during 1986 all of our hazardous wastes were stored or treated on site. No hazardous waste were sent outside of our facility.

If you wish to obtain any additional information or documentation, please let us know.

Sincerely,

José C. García
Safety and Environmental
Affairs Supervisor

ds

Enclosures

OMB #: 2050-0024 Expires: 3-31-88

ENVIRONMENTAL PROTECTION AGENCY

FACILITY BIENNIAL HAZARDOUS WASTE REPORT FOR 1985

This report is for the calendar year ending December 31 1985.
Read All Instructions Carefully Before Making Any Entries on Form

I. NON-REGULATED STATUS

See instructions before completing this section.

This facility did not treat, store, or dispose of regulated quantities of hazardous waste at any time during 1985. . . . . ☐

Explain your non-regulated status in the space below.

II. FACILITY EPA I.D. NUMBER

T/A C

PRD090584152 (1 2 — 13 14 15)

This Facility's Non-Regulated Status is Expected to Apply:

☐ For 1985 Only ☐ Permanently

☐ Other_____

III. NAME OF FACILITY

ROCHE PRODUCTS INC (30 — 69)

IV. FACILITY MAILING ADDRESS

P O BOX 452 (15 16 — 45)

Street or P.O. Box

MANATI PR 00701 (15 16 — 41 42 — 47 — 51)

City or Town — State — Zip Code

V. LOCATION OF FACILITY (if different than section IV above)

STATE ROAD # 677 KM 2.7 (15 16 — 45)

Street or Route number

MANATI PR 00701 (15 16 — 41 42 — 47 — 51)

City or Town — State — Zip Code

VI. FACILITY CONTACT

GARCIA SANCHEZ JOSE (15 16 — 45)

Name (last and first)

(46 — 55)

Phone No. (area code & no.)

VII. COST ESTIMATES FOR FACILITIES

$ 20.1 960 (16 — 19 — 22)

A. Cost Estimate for Facility Closure

$ _____ (25 — 28 — 31)

B. Cost Estimate for Post Closure Monitoring and Maintenance (disposal facilities only)

VIII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

EDWARD BROWN PRESIDENT AND GENERAL MANAGER [signature]

Name and Official Title — Date Signed

Facility Biennial Hazardous Waste Report for 1986 (cont.)

This report is for the calendar year ending December 31, 1986

Date rec'd: _____ Rec'd by: _____

IX. FACILITY'S EPA I.D. NO. T-A-C

F P R D 0 9 0 5 8 4 1 5 2 [redacted]

1 2 13 14 15

X. GENERATOR'S EPA I.D. NO.

[redacted]

16 28

XI. GENERATOR NAME (specify generator from whom all wastes on this page were received)

ON-SITE ☐

XII. GENERATOR ADDRESS

XIII. TOTAL WASTE IN STORAGE ON DECEMBER 31, 1986 (complete this section only once for your facility)

S01 1 1 8 9 0 5 [redacted] AMOUNT OF WASTE UOM

S02 _____ AMOUNT OF WASTE UOM

S03 _____ AMOUNT OF WASTE UOM

S04 _____ AMOUNT OF WASTE UOM

S05 3 5 6 0 5 [redacted] AMOUNT OF WASTE UOM

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	E. Unit of Measure
29 32	1	Acetone Distillation Bottoms	F 0 0 3 (33 36 37 40; 41 44 45 48)	S 0 1 (49 51)	1 5 0 1 . 5 (52 [illegible])	KG
	2	Acetone Distillation Bottoms	F 0 0 3	T 0 4	1 1 0 7 . 0	KG
	3	Acetone And Organic Residue	F 0 0 3	T 0 4	1 0 5 4 . 5	KG
	4	Ethanol and Organic Residue	D 0 0 1 F 0 0 3	S 0 1	6 9 4 . 0	KG
	5	Ethanol and Organic Residue	D 0 0 1 F 0 0 3	T 0 4	2 0 2 7 . 0	KG
	6	Ethanol and Organic Residue	D 0 0 1	S 0 1	1 8 2 . 0	KG
	7	Ethanol and Organic Residue	D 0 0 1	T 0 4	5 0 2 . 5	KG
	8	Isopropanol and Organic Residue	D 0 0 1	T 0 4	1 2 4 3 . 5	KG
	9	Isopropanol and Organic Residue	D 0 0 1	S 0 1	1 5 0 8 . 5	KG
	10	Methanol and Organic Residue	F 0 0 3	T 0 4	1 0 4 1 . 0	KG
	11	Methanol and Organic Residue	F 0 0 3	S 0 1	2 7 4 7 . 0	KG
	12	Spent Methanol Solution	F 0 0 3 D 0 0 1	T 0 4	3 4 8	KG

XIII. COMMENTS (enter information by section number—see instructions)

T 0 4 = Biological Treatment (Wastewater Treatment Plant)

ENVIRONMENTAL PROTECTION AGENCY

Facility Biennial Hazardous Waste Report for 1986 (cont.)

This report is for the calendar year ending December 31, 1986

Date rec'd: _____ Rec'd by: _____

IX. FACILITY'S EPA I.D. NO.

1 2 ... 13 14 15

X. GENERATOR'S EPA I.D. NO.

16 ... 28

XI. GENERATOR NAME (If a generator from whom wastes on this page were received)

ON-SITE ☐

XII. GENERATOR ADDRESS

XIII. TOTAL WASTE IN STORAGE ON DECEMBER 31, 1985 (complete this section only once for your facility)

S01 AMOUNT OF WASTE UOM S02 AMOUNT OF WASTE UOM S03 AMOUNT OF WASTE

S04 AMOUNT OF WASTE UOM S05 AMOUNT OF WASTE UOM

XII. WASTE IDENTIFICATION

Sequence No.	Line No.	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	
29 32	1	O-xylene Still Bottoms	F 0 0 3	T 0 4	4 8 6 . 0	KG
	2	Toluene Still Bottoms	F 0 0 5	S 0 1	2 6 7 7 . 5	KG
	3	Toluene Still Bottoms	F 0 0 5	T 0 4	1 2 9 4 . 5	KG
	4	Toluene Still Bottoms	F 0 0 5	S 0 5	3 5 6 0 . 5	KG
	5	Toluene and Organic Residue	F 0 0 5	S 0 1	4 5 7 . 0	KG
	6	Corrosive Spent Lab.	D 0 0 2 D 0 0 4 D 0 0 9 D 0 1 1			
	7	Reagent, Sulfuric Acid				
	8	Silver Mercury and Chromates		S 0 1	1 1 1 3 . 0	KG
	9	Spent Methylene Chloride	F 0 0 2 D 0 0 1	T 0 4	3 6 8 9 . 0	KG
	10	Spent Methylene Chloride	F 0 0 2 D 0 0 1	S 0 1	7 8 9 . 0	KG
	11	Spent Methylene Chloride	F 0 0 2	S 0 1	2 2 1 . 0	KG
	12					

XIII. COMMENTS (enter information by section number—see instructions)

Line number 4 columns A through E, this still bottoms was recycled by distillation. Line Number 6 through 8 A through E are all descriptions of one (1) waste.

ROCHE PRODUCTS INC.

CARRETERA ESTATAL 865 KM 3.7
MANATI • PUERTO RICO • 00674

APARTADO 667
MANATI • PUERTO RICO 00674

RECEIVED
1987 MAR 30 A10:55

March 27, 1987

Ms. Ivette De Jesus
Chief Inspection, Monitoring and
Surveillance Section
Land Pollution Control Area
Environmental Quality Board
PO Box 11488
Santurce, PR 00910

Dear Ms. De Jesus:

We are herein submitting the Generator Annual Report for 1986 activities. The information in this report is already included in the Facilities Annual Report, also submitted.

I understand that we do not have to prepare the Generator Annual Report because we did not disposed of hazardous waste in an outside facility in 1986.

I also want to state that the quantities in the Generator Annual Report should not be added to the quantities reported in the Facilities Annual Report.

If you should have any questions regarding the information submitted, please let us know.

Cordially,

José C. García
Safety and Environmental
Affairs Supervisor

c Mr. E. Brown
Mr. E. MacMillan
Mr. L Lesniak

ds

Do not make entries in shaded areas

COMMONWEALTH OF PUERTO RICO / OFFICE OF THE GOVERNOR

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

Environmental Quality Board

This report is for the calendar year ending December 31.

AFFIX LABEL HERE

Please print/type with elite type (12 characters per inch)

GENERAL INSTRUCTIONS: If you received a preprin label attached to the mailing envelope in which this fo was enclosed, affix it in the space provided. If any of information on the label is incorrect, draw a line throug and provide the correct information in the appropriate s tion below. If the information is correct and complete, le Sections I, II, and III below blank. If you did not receiv preprinted label, complete all sections. REFER TO THE S CIFIC INSTRUCTIONS CONTAINED IN THIS BOOK BEFORE COMPLETING THIS FORM. The information quested in this report is required by law (Section 3002 of Resource Conservation Recovery Act).

I. GENERATOR'S EPA I.D. NUMBER

T.A.C.

FPR0090684162 11

1 2 13 14 15

II. NAME OF INSTALLATION

ROCHE PRODUCTS INC

30 69

III. INSTALLATION MAILING ADDRESS

3 PO BOX 452

15 16 45

Street or P.O. Box

4 MANATI | PR 00701

15 16 41 42 47 51

City or Town State Zip Code

IV. LOCATION OF INSTALLATION (if different than section III above)

5 STATE RD# 670 Km 2.7

15 16 45

Street or Route number

6 MANATI | PR 00701

15 16 41 42 47 51

City or Town State Zip Code

V. INSTALLATION CONTACT

2 GARCIA SANCHEZ JOSE

15 16 45

Name (last and first)

809-854-3020

46 53

Phone No. (area code & no.)

VI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

EDUARD BROWN PRESIDENT AND GENERAL MANAGER

ROCHE PRODUCTS INC.

CARRETERA ESTATAL [illegible]
MANATI [illegible] PUERTO [illegible]

APARTADO [illegible]
MANATI [illegible] PUERTO [illegible]

February 2[illegible], 1988

U.S. Environmental Protection Agency
Permits Administration Branch
Room 432
26 Federal Plaza
New York, NY 10278

Attention: Mr. Richard M. Walka

Dear Mr. Walka:

Pursuant to the Code of Federal Regulations, Title 40, Part 265.75, we are submitting herein the Facility Biennual Hazardous Waste Report covering the activities performed in the calendar year 1987.

Please note that during 1987 all of our hazardous wastes were stored or treated on site. No hazardous waste were sent outside of our facility.

If you wish to obtain any additional information or documentation, please let us know.

Sincerely,

Jose C. Garcia
Safety and Environmental
Affairs Supervisor

ecc

Enclosures

Environmental Quality Board

This report is for the calendar year ending December 31

AFFIX LABEL HERE

Please print/type with elite type (12 characters per inch)

GENERAL INSTRUCTIONS: If you received a preprinted label attached to the mailing envelope in which this form was enclosed, affix it in the space provided. If any of the information on the label is incorrect, draw a line through it and provide the correct information in the appropriate section below. If the information is correct and complete, leave Sections I, II, and III below blank. If you did not receive a preprinted label, complete all sections. REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM: The information requested in this report is required by law (Section 3004 of the Resource Conservation Recovery Act).

I. FACILITY EPA I.D. NUMBER

F P R D 4 0 9 0 5 8 4 1 5 2 T A C 1

1 2 13 14 15

II. NAME OF FACILITY

R O C H E P R O D U C T S I N C.

30 69

III. FACILITY MAILING ADDRESS

3 P O B O X 4 5 2

15 16 45

Street or P O Box

4 M A N A T I P R 0 0 7 0 1

15 16 41 42 47 51

City or Town State Zip Code

IV. LOCATION OF FACILITY (if different than section III above)

5 S T A T E R D 6 7 0 K M 2.7

15 16 45

Street or Route number

6 M A N A T I P R 0 0 7 0 1

15 16 41 42 47 51

City or Town State Zip Code

V. FACILITY CONTACT

2 GARCIA SANCHEZ, JOSE

15 16 45

Name last and first

8 0 9 8 5 4 3 0 2 0

46 55

Phone No (area code & no)

VI. COST ESTIMATES FOR FACILITIES

$ 2 0 1 9 6 0 $

16 19 22 23 23

Cost Estimate for Facility Closure

Cost Estimate for Post Closure and Maintenance Period

VII. CERTIFICATION

[illegible]

EDWARD BROWN PRESIDENT AND GENERAL MANAGER [signature] 3/27/87

Print Type Name Title Signature of Authorized Representative Date Signed

Do not make entries in shaded areas

ENVIRONMENTAL QUALITY BOARD

Generator Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

Date rec'd: _____ Rec'd by: _____

VII. GENERATOR'S EPA I.D. NO.

G 1 1

VIII. FACILITY NAME (specify facility to which all waste this page were shipped)

IX. FACILITY'S EPA I.D. NO.

F

X. FACILITY ADDRESS

XI. TRANSPORTATION SERVICES USED (List the name and EPA identification numbers of all transporters whose services were used during 1981. This section to be completed only once. Do not repeat on supplemental sheets.)

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. DOT Hazard Class	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste
	1	Acetone Distillation Bottoms		F003	8450
	2	Acetone and Organic Residue		F003	1054.5
	3	Ethanol and Organic Residue		D001 F003	2027
	4	Ethanol and Organic Residue		D001	684.5
	5	Isopropanol and Organic Res.		D001	1561
	6	Methanol and Organic Residue		F003	382
	7	O-xylene Still Bottoms		F003	486
	8	Spent Methanol Solution		F003 D001	348
	9	Toluene Still Bottoms		F005	4374
	10	Toluene and Organic Residue		F005	218.5
	11	Spent Methylene Chloride		F002 D001	447.8
	12	Spent Methylene Chloride		F002	221

XIII. COMMENTS (enter information by section number—see instructions

ENVIRONMENTAL QUALITY BOARD

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31.

VIII. FACILITY'S EPA I.D. NO.

P R D 0 9 0 5 8 4 1 5 2 1

Date received: _____

Received by: _____

IX. GENERATOR'S EPA I.D. NO.

X. GENERATOR NAME

XI. GENERATOR ADDRESS

XII. WASTE IDENTIFICATION

Sequence	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste
1	O xylene Still Bottoms	F 0 0 3	T 0 4	4 8 6 . 0
2	Toluene Still Bottoms	F 0 0 5	S 0 1	2 6 7 7 . 5
3	Toluene Still Bottoms	F 0 0 5	T 0 4	1 2 9 4 . 5
4	Toluene Still Bottoms	F 0 0 5	S 0 5	3 5 6 0 . 5
5	Toluene and Organic Residue	F 0 0 5	S 0 1	4 5 7 . 0
6	Corrosive Spent Lab.	D 0 0 2 D 0 0 7 D 0 0 9 D 0 1 1		
7	Reagent, Sulfuric Acid			
8	Silver Mercury and Chromates		S 0 1	1 1 1 3 . 0
9	Spent Methylene Chloride	F 0 0 2 D 0 0 1	T 0 4	3 6 8 9 . 0
10	Spent Methylene Chloride	F 0 0 2 D 0 0 1	S 0 1	7 8 9 . 0
11	Spent Methylene Chloride	F 0 0 2	S 0 1	2 2 1 . 0
12				

XIII. COMMENTS (enter information by section number—see instructions)

Line number 4 columns A through E, this still bottoms was recycled by distillation. Line Number 6 through 8 A through E are all descriptions of one (1) waste.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME ROCHE PRODUCTS INC.

EPA ID NO. P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM 01

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: P R D 0 9 0 3 9 9 7 1 8

B. Name of off-site installation or transporter: SAFETY KLEEN ENVIRONMENTAL SYSTEMS CO. OF P.R. INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street: HIGHWAY #2, KM. 51.0 (P.O. BOX 1098)
- City: MANATI State: P R Zip Code: 0 0 7 0 1 - 1 0 9 8

Site 2

A. EPA ID No. of off-site installation or transporter: L A D 0 1 0 3 9 5 1 2 7

B. Name of off-site installation or transporter: ROLLINGS ENVIRONMENTAL SERVICES INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street: 13351 SCENIC HIGHWAY
- City: BATON ROUGE State: L A Zip Code: 7 0 8 0 7 -

Site 3

A. EPA ID No. of off-site installation or transporter: F L D 9 8 1 4 7 4 8 0 2

B. Name of off-site installation or transporter: GSX SERVICES INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street: 5303 126 AVE. NORTH
- City: CLEARWATER State: F L Zip Code: 3 4 6 2 0 -

Site 4

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street:
- City: State: Zip Code: -

Site 5

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street:
- City: State: Zip Code: -

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

FORM **GM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): HAZARDOUS WASTE SOLID CONTAINING ACETONE (0.59 PPM) AND XYLENE (0.15 PPM) FROM CLEANING OF EQUALIZATION BASIN

B. EPA hazardous waste code (Page 15): D 0 0 8 | D 0 0 7 | F 0 0 3 | F 0 0 5

C. State hazardous waste code (Page 16): N/A | N/A

D. SIC code (Page 16): 2 8 3 4

E. Source code (Page 16): A 6 0

F. Form code (Page 16): B 4 0 9

G. Origin (Page 16): Code 1 | System type M N/A

H. TRI constituent (Page 17): 3

I. CAS numbers (Page 17): 1. 0 0 0 6 7 - 6 4 - 1 | 2. N/A | 3. N/A | 4. N/A | 5. N/A

Sec. II

A. Quantity generated in 1988 (Instruction Page 17)	B. Quantity generated in 1989 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
2 2 . 0	0 . 7	2	N/A . N/A ☐ 1 lbs/gal ☐ 2 kg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 18): M

Quantity treated, disposed or recycled in 1989 (Page 18):

SYSTEM 2

System type (Page 18): M

Quantity treated, disposed or recycled in 1989 (Page 18):

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1	L A D 0 1 0 3 9 5 1 2 7	M 0 4 2	2 2 . 2
Site 2	N/A	M N/A	N/A

Sec. IV

A. Waste minimization results in 1989 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W / W W	☐ 1 Yes ☐ 2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

FORM **GM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 16): SPENT ISOPROPYL ALCOHOL GENERATED FROM THE PHARMACEUTICAL PROCESS

B. EPA hazardous waste code (Page 16): D 0 0 1 | F 0 0 0 3 | N / A | N / A

C. State hazardous waste code (Page 16):

D. SIC code (Page 16): 2 8 3 4

E. Source code (Page 16): A 3 7

F. Form code (Page 16): B 2 0 1 1

G. Origin (Page 16): Code 1 | System type M | N / A

H. TPA amendment (Page 17): 3

I. CAS number (Page 17): 1. 0 0 0 6 7 . 6 4 - 1 | 2. N / A | 3. N / A | 4. N / A | 5. N / A

Sec. II

A. Quantity generated in 1989 (Instruction Page 17): 0

B. Quantity generated in 1989 (Page 17): 3 3 1 . 5

C. UOM (Page 16): 2

D. Density (Page 16): N A . N A | ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 16): M

Quantity treated, disposed or recycled in 1989 (Page 16):

SYSTEM 2

System type (Page 16): M

Quantity treated, disposed or recycled in 1989 (Page 16):

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1		M	
Site 2		M	

Sec. IV

A. Waste minimization results in 1989 (Instruction Page 20): ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled on site due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W / A W / A	☐ 1 Yes		.	
W / A W / A	☐ 2 No			

Comments: THIS MATERIAL WAS GENERATED DUE TO A TEMPORARY SHUTDOWN OF OUR TOTALLY ENCLOSED RECOVERY PROCESS.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form

Sec. I

A. Waste description (Instructions Page 16): SPENT TOLUENE GENERATED FROM THE PHARMACEUTICAL PROCESS

B. EPA hazardous waste code (Page 15): F 0 0 5 | F 0 0 3 | D 0 0 1 | N/A

C. State hazardous waste code (Page 15): N/A | N/A

D. SIC code (Page 16): 2 8 3 4

E. Source code (Page 16): A 3 7

F. Form code (Page 16): B 2 0 1 3

G. Origin (Page 16): Code 1 | System type N/A

H. TRI constituent (Page 17): 3

I. CAS number (Page 17): 1. 0 1 0 1 0 8 - 8 8 - 3 | 2. 0 1 0 1 0 6 7 - 5 6 - [illegible] | 3. 0 0 0 6 7 - 6 4 - 1 | 4. N - A - | 5. N/A -

Sec. II

A. Quantity generated in 1989 (Instructions Page 17): 0 . 9

B. Quantity generated in 1988 (Page 17): 2 . 5

C. UOM (Page 18): 2

D. Density (Page 18): N A . N A ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☑ 2 No (SKIP TO SEC. III)

SYSTEM 1
System type (Page 18): M
Quantity treated, disposed or recycled in 1989 (Page 18):

SYSTEM 2
System type (Page 18): M
Quantity treated, disposed or recycled in 1989 (Page 18):

Sec. III

A. Was this waste shipped off site? (Instructions Page 19)
☐ 1 Yes (CONTINUE TO SEC. B)
☑ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instructions Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1		M	
Site 2		M	

Sec. IV

A. Waste minimization results in 1989 (Instructions Page 20)
☐ 1 Yes (CONTINUE TO SEC. B)
☑ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W	☐ 1 Yes		.	
W W	☐ 2 No			

Comments: THIS MATERIAL WAS GENERATED DUE TO A TEMPORARY SHUTDOWN OF OUR TOTALLY ENCLOSED RECOVERY PROCESS.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): LABORATORY PACKS OF MIXED WASTE AND CHEMICALS

B. EPA hazardous waste code (Page 15)				C. State hazardous waste code (Page 16)	
P098	D002	D003	D001	N/A	N/A

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2834	A59	B003	Code: 1; System type: M

H. TPB constituent (Page 17)	I. CAS number (Page 17)
2	1. N/A 2. N/A 3. N/A 4. N/A 5. N/A

Sec. II

A. Quantity generated in 1988 (Instruction Page 17)	B. Quantity generated in 1989 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
0	0	2	N A . N A ☐ 1 lbs/gal ☐ 2 kg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 16)	Quantity treated, disposed or recycled in 1989 (Page 16)	System type (Page 16)	Quantity treated, disposed or recycled in 1989 (Page 16)
M		M	

Sec. III

A. Was this waste shipped off site? (Instruction Page 16) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 18)	C. System type (Page 18)	D. Total quantity shipped in 1989 (Page 19)
Site 1	LAD010395127	M 041	0.084
Site 2	FLD981474802	M 132	0.0035

Sec. IV

A. Waste minimization results in 1989 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W W W	☐ 1 Yes ☐ 2 No		.	

Comments: SECTION I BOX B: F002, F005, P004, P050, P051, P059, D008, D009, F001

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: PRD090584152

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form

Sec. I

A. Waste description Instruction Page 15: ETHANOL AND RESIDUES FROM CHEMICAL AND PHARMACEUTICAL PLANT OPERATIONS

B. EPA hazardous waste code Page 16: D001 F003 D002 F005

C. State hazardous waste code Page 16: N/A N/A

D. SIC code Page 16: 2834

E. Source code Page 16: A35

F. Form code Page 16: B2011

G. Origin Page 16: Code 1; System type M

H. TRI constituent Page 17:

I. CAS numbers Page 17: 1. 00067-56-1 2. 00067-64-1 3. 1310-73-2 4. 00108-88-3 5. N-A-

Sec. II

A. Quantity generated in 1988 Instruction Page 17: 1.1

B. Quantity generated in 1989 Page 17: 3.7

C. UOM Page 18: 2

D. Density Page 18: NA - NA ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 18: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1: System type Page 18: M; Quantity treated, disposed or recycled in 1989 Page 18:

SYSTEM 2: System type Page 18: M; Quantity treated, disposed or recycled in 1989 Page 18:

Sec. III

A. Was this waste shipped off site? Instruction Page 19: ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility to which waste was shipped Instruction Page 19	C. System type Page 19	D. Total quantity shipped in 1989 Page 19
Site 1	PRD090399718	M051	2.3
Site 2	N/A	MN/A	N/A

Sec. IV

A. Waste minimization results in 1989 Instruction Page 20: ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21	C. Other effects Page 21	D. Quantity recycled in 1989 due to new activities Page 21	E. Activity/Production Index Page 21	F. Source Reduction Quantity Page 22
W W W W	☐ 1 Yes ☐ 2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form

SEC. I

A. Waste description (Instruction Page 16): ACETONE DISTILLATION BOTTOM FROM THE PHARMACEUTICAL PROCESS

EPA hazardous waste code (Page 15): F003 F002 F005 N/A	C. State hazardous waste code (Page 16): N/A N/A
SIC code (Page 16): 2834	E. Source code (Page 16): A33
F. Form code (Page 16): 6012	G. Origin (Page 16): Code 1; System type: N/A
TRI constituent (Page 17): 3	I. CAS number (Page 17): 1. 00067.64.1 2. 00067.56.1 3. 00075.09.2 4. N/A 5. N/A

SEC. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1989 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
2.5	3.4	2	NA . NA ☐ 1 lbs/gal ☐ 2 kg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1: System type (Page 18): M; Quantity treated, disposed or recycled in 1989 (Page 18):

SYSTEM 2: System type (Page 18): M; Quantity treated, disposed or recycled in 1989 (Page 18):

SEC. III

A. Was this waste shipped off site? (Instruction Page 19) ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1	PRD090399718	051	2.5
Site 2	N/A	N/A	N/A

SEC. IV

A. Waste minimization results in 1989 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W W W	☐ 1 Yes ☐ 2 No		.	

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO: PRD090584152

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

SEC. I — A. Waste description, Instruction Page 13: IGNITABLE ACETIC ACID (WET) FROM PHARMACEUTICAL

EPA hazardous waste code, Page 13: D001 N/A N/A N/A	C. State hazardous waste code, Page 13: N/A N/A
EIC code, Page 13: 2834	E. Source code, Page 13: A37
F. Form code, Page 13: B2011	G. Origin, Page 13: Code ___ System type ___
WG constituent, Page 17: 2	I. CAS number, Page 17: 1. N/A 2. N/A 3. N/A 4. N/A 5. N/A

SEC. II — A. Quantity generated in 1989, Instruction Page 17: 0.9 | B. Quantity generated in 1989, Page 17: 14.2 | C. UOM, Page 18: 2 | D. Density, Page 18: NA NA ☐ 1 lb/gal ☐ 2 kg | E. Was the waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 18: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1: System type, Page 18: M | Quantity treated, disposed or recycled in 1989, Page 18: ___

SYSTEM 2: System type, Page 18: M | Quantity treated, disposed or recycled in 1989, Page 18: ___

SEC. III — A. Was the waste shipped off site? Instruction Page 19: ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped, Instruction Page 19	C. System type, Page 19	D. Total quantity shipped in 1989, Page 19
Site 1		M	
Site 2		M	

SEC. IV — A. Waste minimization results in 1989, Instruction Page 20: ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity, Page 21	C. Other effects, Page 21	D. Quantity recycled in 1989 due to new activities, Page 21	E. Activity/Production Index, Page 21	F. Source Reduction Quantity, Page 22
M M M M	☐ 1 Yes ☐ 2 No			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: PRD090584152

FORM **GM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): SPENT OIL AND KEROSENE FROM PLANT OPERATION EQUIPMENT

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
D001 D008 N/A N/A	N/A N/A

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2834	A54	B206	Code 1; System type M

H. TPI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. N/A 2. N/A 3. N/A 4. N/A 5. N/A

Sec. II

A. Quantity generated in 1988 (Instruction Page 17)	B. Quantity generated in 1989 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
16.0	5.3	2	N/A . N/A ☐1 lbs/gal ☐2 sg	☐1 Yes (CONTINUE TO SYSTEM 1) ☒2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1989 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1989 (Page 18)
M		M	

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒1 Yes (CONTINUE TO BOX B) ☐2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1	PRD093997118	M051	10.7
Site 2	N/A	MN/A	N/A

Sec IV

A. Waste minimization results in 1989 (Instruction Page 20) ☐1 Yes (CONTINUE TO BOX B) ☒2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W W W	☐1 Yes ☐2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description Instruction Page 15: AMINOL RESIDUE (MEOH 12%, 85% ORGANIC RESIDUE 3% WATER) FROM PHARMACEUTICAL PROCESS

EPA hazardous waste code Page 15: F003 F005 N/A N/A	C. State hazardous waste code Page 16: N/A N/A
SIC code Page 16: 2834	E. Source code Page 16: 37
F. Form code Page 16: 201	G. Origin Page 16: Code 1; System type N/A
SIC conditioned Page 17: 3	I. GAS number Page 17: 108.88.3 / 00067.56.1 / 00067.64.1 / N.A. / N.A.

Sec. II

A. Quantity generated in 1989 Instruction Page 17	B. Quantity generated in 1989 Page 17	C. UOM Page 18	D. Density Page 18	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 18
5.3	7.1	2	NA . NA ☐ 1 Gal/gal ☐ 2 kg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (GO TO SEC. II)

SYSTEM 1		SYSTEM 2	
System type Page 18	Quantity treated, disposed or recycled in 1989 Page 18	System type Page 18	Quantity treated, disposed or recycled in 1989 Page 18

Sec. III A. Was this waste shipped off site? Instruction Page 19 ☒ 1 Yes (CONTINUE TO SEC. II) ☐ 2 No (GO TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped Instruction Page 19	C. System type Page 19	D. Total quantity shipped in 1989 Page 19
Site 1	PRD090399718	051	6.6
Site 2	N/A	N/A	N/A

Sec. IV A. Waste transmission results in 1989 Instruction Page 20 ☐ 1 Yes (CONTINUE TO SEC. II) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21	C. Other effects Page 21	D. Quantity recycled in 1989 due to new activities Page 21	E. Activity/Production Index Page 21	F. Source Reduction Quantity Page 22
	☐ 1 Yes ☐ 2 No			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

FORM **GM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): ISOPROPYL ALCOHOL WASTE FROM STILL BOTTOMS

B. EPA hazardous waste code (Page 15): D 0 0 1 | N/A | N/A | N/A

C. State hazardous waste code (Page 16): N/A | N/A

D. SIC code (Page 16): 2 8 3 4

E. Source code (Page 16): A 3 3

F. Form code (Page 16): B 6 0 1 2

G. Origin (Page 16): Code 1 | System type M

H. TRI constituent (Page 17): 2

I. CAS number (Page 17): 1. N/A- 2. N/A- 3. N/A- 4. N/A- 5. N/A-

Sec. II

A. Quantity generated in 1988 (Instruction Page 17): 0

B. Quantity generated in 1989 (Page 17): 1 2 . 1 1

C. UOM (Page 16): 2

D. Density (Page 16): N/A . N/A ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 16): M

Quantity treated, disposed or recycled in 1989 (Page 16):

SYSTEM 2

System type (Page 16): M

Quantity treated, disposed or recycled in 1989 (Page 16):

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1	P R D 0 9 0 3 9 9 7 1 8	M 0 5 1	1 1 . 4
Site 2	N/A	M N/A	N/A

Sec. IV

A. Waste minimization results in 1989 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W / W	☐ 1 Yes		.	
W / W	☐ 2 No			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description Instruction Page 15: IGNITABLE LABORATORY SOLVENT WASTE CONTAINING ACETONE, METHYL ALCOHOL, ISOBUTANOL, METHYLENE CHLORIDE

EPA hazardous waste code Page 15: F003 F005 F002 D001	C. State hazardous waste code Page 16: N/A N/A
BIC code Page 16: 2834	E. Source code Page 16: A59
F. Form code Page 16: B204	G. Origin Page 16: Code 1; System type M N/A
H. WR constituent Page 17: 3	I. CAS number Page 17: 1. 00067.64.1 2. 00067.56.1 3. 00075.09.2 4. 00108.88.3 5. N/A

Sec. II

A. Quantity generated in 1989 Instruction Page 17	B. Quantity generated in 1989 Page 17	C. UOM Page 18	D. Density Page 18	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 18
0.5	1.8	2	NA . NA ☐ 1 lbs/gal ☐ 2 kg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type Page 18: M N/A	Quantity treated, disposed or recycled in 1989 Page 18:	System type Page 18: M	Quantity treated, disposed or recycled in 1989 Page 18:

Sec. III A. Was this waste shipped off site? Instruction Page 19: ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped Instruction Page 19	C. System type Page 19	D. Total quantity shipped in 1989 Page 19
Site 1	PRD090399718	M051	1.1
Site 2	N/A	MN/A	N/A

Sec. IV A. Waste minimization results in 1989 Instruction Page 20: ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21	C. Other effects Page 21	D. Quantity recycled in 1989 due to new activities Page 21	E. Activity/Production Index Page 21	F. Source Reduction Quantity Page 22
W W W W	☐ 1 Yes ☐ 2 No		.	

Comments:

EFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL
R ENTER

ITE NAME ROCHE PRODUCTS INC.

PA ID NO PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

NSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

A. Waste description Instruction Page 15: LITHIUM BROMIDE SLUDGE FROM THE CLEANING OF AN ABSORPTION CHILLER

EPA hazardous waste code Page 15: D007 N/A N/A N/A

C. State hazardous waste code Page 16: N/A N/A

SIC code Page 16: 2834

E. Source code Page 16: A69

F. Form code Page 16: B319

G. Origin Page 16: Code 1 System type N/A

BR constituent Page 17: 2

I. CAS number Page 17: 1. N/A 2. N/A 3. N/A 4. N/A 5. N/A

A. Quantity generated in 1989 Instruction Page 17: 0

B. Quantity generated in 1988 Page 17: 2.3

C. UOM Page 18: 2

D. Density Page 18: NA NA ☐ 1 Gs/gal ☐ 2 Kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 18: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. B)

SYSTEM 1: System type Page 18: M Quantity treated, disposed or recycled in 1989 Page 18:

SYSTEM 2: System type Page 18: M Quantity treated, disposed or recycled in 1989 Page 18:

A. Was this waste shipped off site? Instruction Page 19: ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

B. EPA ID No. of facility to which waste site shipped Instruction Page 19: LAD010395127

C. System type Page 19: M042

D. Total quantity shipped in 1989 Page 19: 55

N/A N/A N/A

A. Waste minimization results in 1989 Instruction Page 20: ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21: W W W W

C. Other effects Page 21: ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1988 due to new activities Page 21:

E. Activity/Production Index Page 21:

F. Source Reduction Quantity Page 22:

SECTION I BOX E - REMOVAL OF SPENT LITHIUM BROMIDE FROM CHILLER

:FORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL
R ENTER

TE NAME ROCHE PRODUCTS INC.

PA ID NO P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

ISTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

A. Waste Description (Instructions Page 18): TOLUENE STILL BOTTOM

PA hazardous waste codes (Page 19): F 0 0 5 | F 0 0 3 | D 0 0 1 | N/A

C. State hazardous waste codes (Page 19): N/A | N/A

RC codes (Page 19): 2 8 3 4

E. Source codes (Page 19): A 3 3

F. Form codes (Page 19): B 6 0 2

G. Origin (Page 19): Code 1 | System type M | N/A

R management (Page 17): 3

I. CAS numbers (Page 17): a 0 0 1 0 8 - 8 8 - 3 | b 0 0 0 6 7 - 5 6 - 1 | c 0 0 0 6 7 - 6 4 - 1 | d N/A | e N/A

A. Quantity generated in 1989 (Instructions Page 17): 2.3

B. Quantity generated in 1989 (Page 17): 4.1

C. UOM (Page 18): 2

D. Density (Page 18): N/A . N/A | ☐ 1 lbs/gal ☐ 2 kg/l

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 18): M

Quantity treated, disposed or recycled in 1989 (Page 18):

SYSTEM 2

System type (Page 18): M

Quantity treated, disposed or recycled in 1989 (Page 18):

A. Was this waste shipped off site? (Instructions Page 18): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

B. EPA ID No. of facility to which waste was shipped (Instructions Page 18): P R D 0 9 0 3 9 9 7 1 1 8

C. System type (Page 18): M 0 5 1

D. Total quantity shipped in 1989 (Page 18): 2.3

N/A | N/A | N/A

A. Waste minimization results in 1989 (Instructions Page 20): ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Actions (Page 21): M | M | W | W

C. Other efforts (Page 21): ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1989 due to new activities (Page 21):

E. Activity Production Index (Page 21):

F. Source Reduction Quantity (Page 22):

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME ROCHE PRODUCTS INC.

EPA ID NO P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 16): IGNITABLE MIXTURE OF SOLVENT WASTE FROM CHEMICAL PLANT OPERATIONS

B. EPA hazardous waste code (Page 15): D 0 0 1 | F 0 0 3 | F 0 0 5 | N/A

C. State hazardous waste code (Page 15): N/A | N/A

D. SIC code (Page 16): 2 8 3 4

E. Source code (Page 16): A 3 7

F. Form code (Page 16): B 2 0 3

G. Origin (Page 16): Code 1 | System type M N/A

H. TPN constituent (Page 17): 3

I. CAS number (Page 17): 1 0 0 1 0 8 . 8 8 . 3 | 2 0 0 0 6 7 . 5 6 . 1* | 3 0 0 0 6 7 . 6 4 . 1 | 4 N/A | 5 N/A

Sec. II

A. Quantity generated in 1989 (Instruction Page 17): 2 . 8

B. Quantity generated in 1990 (Page 17): 0

C. UOM (Page 18): 2

D. Density (Page 18): N A . N A ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 18):

Quantity treated, disposed or recycled in 1989 (Page 18):

SYSTEM 2

System type (Page 18): M

Quantity treated, disposed or recycled in 1989 (Page 18):

Sec. III

A. Was this waste shipped off site? (Instruction Page 18) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1	P R D 0 9 0 3 9 9 7 1 8	M 0 5 1	2 . 8
Site 2	N/A	M N/A	N/A

Sec. IV

A. Waste minimization results in 1989 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W / W W	☐ 1 Yes ☐ 2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME ROCHE PRODUCTS INC.

EPA ID NO P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

SEC. I

A. Waste description (Instruction Page 16): SPENT METHYLENE CHLORIDE AND ALCOHOL FROM PREPARATION OF TABLET COATING SOLUTION

B. EPA hazardous waste code (Page 15): F 0 0 2 | F 0 0 3 | D 0 0 1 | N/A

C. State hazardous waste code (Page 16): N/A | N/A

D. SIC code (Page 16): 2 8 3 4

E. Source code (Page 16): A 3 7

F. Form code (Page 16): B 2 0 4

G. Origin (Page 16): Code 1 | System type M N/A

H. Waste constituent (Page 17): 3

I. CAS number (Page 17): 1. 0 0 0 7 5 . 0 9 . 2 | 2. 0 0 0 6 7 . 5 6 . 1* | 3. 0 0 0 6 7 . 6 4 . 1 | 4. N/A | 5. N/A

SEC. II

A. Quantity generated in 1989 (Instruction Page 17): 2 . 8

B. Quantity generated in 1988 (Page 17): 2 . 1

C. UOM (Page 18): 2

D. Density (Page 18): N A . N A ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 18): M

Quantity treated, disposed or recycled in 1989 (Page 18):

SYSTEM 2

System type (Page 18): M

Quantity treated, disposed or recycled in 1989 (Page 18):

SEC. III

A. Was this waste shipped off site? (Instruction Page 19)
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC. IV)

Site 1

B. EPA ID No. of facility to which waste was shipped (Instruction Page 19): P R D 0 9 0 3 9 9 7 1 8

C. System type (Page 19): M 0 5 1

D. Total quantity shipped in 1989 (Page 19): 2 . 5

Site 2

B. EPA ID No.: N/A

C. System type: M N/A

D. Total quantity shipped in 1989: N/A

SEC. IV

A. Waste minimization results in 1989 (Instruction Page 20)
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W	☐ 1 Yes		.	
W	☐ 2 No			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 16): SPENT METHYLENE AND ALCOHOL FROM THE REGENERATION OF A CARBON ABSORPTION BED

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)	D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
F 0 0 2 / D 0 0 1 / F 0 0 3 / N/A	N/A / N/A	2834	A 3 7	B 1 2 0 4	Code 1 / System type M N/A

H. TPE constituent (Page 17)	I. CAS number (Page 17)
3	1. 0 0 0 7 5 - 0 9 - 2 2. 0 0 0 6 7 - 5 6 - F 3. 0 0 0 6 7 - 6 4 - 1 4. N/A - 5. N/A -

Sec. II

A. Quantity generated in 1988 (Instruction Page 17)	B. Quantity generated in 1989 (Page 17)	C. UOM (Page 16)	D. Density (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16)
2 1 . 8	1 0 . 5	2	N A . N A ☐ 1 lbs/gal ☐ 2 kg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 16)	Quantity treated, disposed or recycled in 1989 (Page 16)	System type (Page 16)	Quantity treated, disposed or recycled in 1989 (Page 16)
M N/A	N/A	M N/A	N/A

Sec. III

A. Was this waste shipped off site? (Instruction Page 16) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 18)	C. System type (Page 18)	D. Total quantity shipped in 1989 (Page 18)
Site 1	P R D 0 9 0 3 9 9 7 1 8	M 0 5 1	9 . 4
Site 2	N/A	M N/A	N/A

Sec. IV

A. Waste minimization results in 1989 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled on 1989 site due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W / W / W / W	☐ 1 Yes ☐ 2 No		.	

Comments:

Sec. VI Generator Status

A. 1989 generation (CHECK ONE BOX BELOW)
Instruction page 8

- ☐ 1 No (CONTINUE TO BOX B)
- ☒ 2 LQG
- ☐ 3 SQG (SKIP TO SEC. VII)
- ☐ 4 CESQG (SKIP TO SEC. VII)

B. Reason for not generating (CHECK ALL THAT APPLY)
Page 10

- ☐ 1 Never generated
- ☐ 2 Out of business
- ☐ 3 Only excluded or delisted waste
- ☐ 4 Only non-hazardous waste
- ☐ 5 Periodic or occasional generator
- ☐ 6 Waste minimization activity
- ☐ 7 Other (SPECIFY IN COMMENTS)

Sec. VII On-Site Waste Management Status

A. Storage
Instruction page 11

[3]

B. RCRA treatment, recycling, or disposal
Page 11

[1]

C. RCRA-exempt treatment, recycling, or disposal
Page 12

[1]

Sec. VIII Waste Minimization Activity during 1988 or 1989

A. Did this site begin or expand a source reduction activity during 1988 or 1989?
Instruction page 12

- ☐ 1 Yes
- ☒ 2 No

B. Did this site begin or expand a recycling activity during 1988 or 1989?
Page 13

- ☐ 1 Yes
- ☑ 2 No

C. Did this site conduct a source reduction or recycling opportunity assessment during 1988 or 1989?
Page 13

- ☐ 1 Yes
- ☒ 2 No

D. What factors have limited this site from initiating new source reduction activities during 1988 or 1989?
(CHECK ALL THAT APPLY)
Page 13

- ☐ 01 No factors have limited new source reduction activities.
- ☐ 02 Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☐ 03 Lack of technical information on source reduction techniques applicable to the specific production processes.
- ☐ 04 Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☒ 05 Concern that product quality may decline as a result of source reduction.
- ☒ 06 Technical limitations of the production processes.
- ☑ 07 Permitting burdens.
- ☐ 08 Other (SPECIFY IN COMMENTS)

E. What factors have limited this site from initiating new on-site or off-site recycling activities during 1988 or 1989?
(CHECK ALL THAT APPLY)
Page 13

- ☐ 01 No factors have limited new recycling activities.
- ☐ 02 Insufficient capital to install new recycling equipment or implement new recycling practices.
- ☐ 03 Lack of technical information on recycling techniques applicable to this site's specific production processes.
- ☒ 04 Recycling not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☒ 05 Concern that product quality may decline as a result of recycling.
- ☒ 06 Requirements to manifest wastes inhibit shipments off site for recycling.
- ☐ 07 Financial liability provisions inhibit shipments off site for recycling
- ☐ 08 Technical limitations of product processes inhibit shipments off site for recycling.
- ☒ 09 Techical limitations of production processes inhibit on-site recycling
- ☒ 10 Permitting burdens inhibit recycling.
- ☐ 11 Lack of permitted off-site recycling facilities.
- ☐ 12 Unable to identify a market for recyclable materials.
- ☐ 13 Other (SPECIFY IN COMMENTS)

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME ROCHE PRODUCTS INC.

EPA ID NO P R D 0 9 0 5 8 4 1 5 2

FORM **IC**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 7 of the 1989 Hazardous Waste Report booklet before completing this f

SEC. I Site name and location address. Complete items A through H. Check the box ☒ in items A, B, D, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 7.

A. EPA ID No. Same as label ☒ or ——→

B. Site/company name. Same as label ☒ or ——

C. Has the site name associated with this EPA ID changed since 1987? ☐ 1 Yes ☒ 2 No

D. Street name and number. If not applicable, enter industrial park, building name or other physical location description. Same as label ☐ or —— STATE ROAD NO. 670, KM. 2.7

E. City, town, village, etc. Same as label ☐ or —— MANATI

F. County

G. State. Same as label ☐ P R

H. Zip Code. Same as label ☐ 0 0 7 0 1 – 0 4 5 2

SEC. II Mailing address of site. Instruction page 7.

A. Is the mailing address the same as the location address? ☐ 1 Yes (SKIP TO SEC III) ☒ 2 No (COMPLETE SEC. II)

B. Number and street name of mailing address: P.O. BOX 452

C. City, town, village, etc.: MANATI

D. State: P R

E. Zip Code: 0 0 7 0 1 – 0 4 5 2

SEC. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 7.

A. Please print. Last name: CORCHADO First name: JUAN M.I.

B. Title: ENVIRONMENTAL AFFAIRS SPECIALIST

C. Telephone: 8 0 9 8 5 4 – 3 0 1 Extension 1 4

SEC. IV Enter the Standard Industrial Classification (SIC) Code that describes the principal products, group of products, produced or distributed the services rendered at the site's physical location. Enter more than one SIC Code only if no one industry description includes the com activities of the site. Instruction page 8.

A.	B.	C.	D.
2 8 3 4			

SEC. V I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, in the possibility of fine and imprisonment.

A. Number of form pages submitted: Form IC 1 2 Form GW 1 1 9 Form WR Form PS

B. Please print. Last name: MACMULLAN First name: EDWARD M.I.

C. Title: VICE PRESIDENT PLANT OPERATIONS

D. Signature

E. Date of signature: MO. DAY YR

ROCHE PRODUCTS INC.

CARRETERA ESTATAL #670 KM 27
MANATÍ • PUERTO RICO • 00701

APARTADO 452
MANATÍ • PUERTO RICO • 00701

February 28, 1990

Puerto Rico Environmental Quality Board
Land Pollution Control Area
Inspection, Monitoring and Surveillance
P.O. Box 11488
Santurce, Puerto Rico 00910-1488

Gentlemen:

Ref: 1989 RCRA Biennial Report
Roche Products Inc.
State Road #670, Km. 2.7
Manati, Puerto Rico,
EPA ID No. PRD090584152

As required by the 40 CFR 262.41, the submission of the 1989 RCRA Biennial Report is due March 1, 1990.

We respectfully request an extension of the due date until March 30, 1990. The reason to request the extension is that our Chemical Operations Manager, Mr. Tomás Alvarado, is away from the company due to chicken pox and our Chemical Operations Director is also away from the plant. We consider it necessary that this report is reviewed by Mr. Alvarado.

If you have any questions, please contact us at (809) 854-3020.

Respectfully,

Mattie S. Muñoz
Regulatory Affairs Manager

MSM/ir

RPI #1690

RECIBIDO
JUNTA DE
CALIDAD AMBIENTAL
MAR 1 1990
Area Contro

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME ROCHE PRODUCTS INC.

EPA ID NO. P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM 01

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the back of this page before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: P R D 0 9 0 3 9 9 7 1 8

B. Name of off-site installation or transporter: SAFETY KLEEN ENVIRONMENTAL SYSTEMS CO. OF P.R. INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street: HIGHWAY #2, KM. 51.0 (P.O. BOX 1098)
- City: MANATI State: P R Zip Code: 0 0 7 0 1 - 1 0 9 8

Site 2

A. EPA ID No. of off-site installation or transporter: L A D 0 1 0 3 9 5 1 2 7

B. Name of off-site installation or transporter: ROLLINGS ENVIRONMENTAL SERVICES INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street: 13351 SCENIC HIGHWAY
- City: BATON ROUGE State: L A Zip Code: 7 0 8 0 7 -

Site 3

A. EPA ID No. of off-site installation or transporter: F L D 9 8 1 4 7 4 8 0 2

B. Name of off-site installation or transporter: GSX SERVICES INC.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street: 5303 126 AVE. NORTH
- City: CLEARWATER State: F L Zip Code: 3 4 6 2 0 -

Site 4

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street:
- City: State: Zip Code: -

Site 5

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of off-site installation
- Street:
- City: State: Zip Code: -

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: PRD090584152

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description Instruction Page 16: HAZARDOUS WASTE SOLID CONTAINING ACETONE (0.59 PPM) AND XYLENE (0.15 PPM) FROM CLEANING OF EQUALIZATION BASIN

B. EPA hazardous waste code Page 16: D008 D007 F003 F005

C. State hazardous waste code Page 16: N/A N/A

D. SIC code Page 16: 2834

E. Source code Page 16: 60

F. Form code Page 16: 409

G. Origin Page 16: Code 1; System type: N/A

H. TRI constituent Page 17: 3

I. CAS number Page 17: 1. 00067-64-1 2. N/A 3. N/A 4. N/A 5. N/A

Sec. II A. Quantity generated in 1989 Instruction Page 17: 22.0

B. Quantity generated in 1989 Page 17: 0.7

C. UOM Page 18: 2

D. Density Page 18: NA . NA ☐ 1 lbs/gal ☐ 2 sg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 18: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. B)

SYSTEM 1: System type Page 18: M; Quantity treated, disposed or recycled in 1989 Page 18:

SYSTEM 2: System type Page 18: M; Quantity treated, disposed or recycled in 1989 Page 18:

Sec. III A. Was this waste shipped off site? Instruction Page 19: ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped Instruction Page 19	C. System type Page 19	D. Total quantity shipped in 1989 Page 19
Site 1	LAD010395127	042	22.2
Site 2	N/A	N/A	N/A

Sec. IV A. Waste minimization results in 1989 Instruction Page 20: ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21	C. Other effects Page 21	D. Quantity recycled in 1989 due to new activities Page 21	E. Activity/Production Index Page 21	F. Source Reduction Quantity Page 22
W W W W	☐ 1 Yes ☐ 2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS, INC.

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this for

Sec. I

A. Waste description (Instructions Page 16): SPENT ISOPROPYL ALCOHOL GENERATED FROM THE PHARMACEUTICAL PROCESS

B. EPA hazardous waste code (Page 15): D 0 0 1 | F 0 0 0 3 | N / A | N / A

C. State hazardous waste code (Page 16):

D. SIC code (Page 16): 2 8 3 4

E. Source code (Page 16): A 3 7

F. Form code (Page 16): B 2 0 1 1

G. Origin (Page 16): Code 1 | System type M | N / A

H. TSD enrollment (Page 17): 3

I. CAS numbers (Page 17): 1. 0 0 0 6 7 - 6 4 - 1 | 2. N / A | 3. N / A | 4. N / A | 5. N / A | 6. N / A

Sec. II

A. Quantity generated in 1989 (Instructions Page 17): 0

B. Quantity generated in 1989 (Page 17): 3 3 1 . 1 5

C. UOM (Page 16): 2

D. Density (Page 16): N A . N A | ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on-site or discharged to a sewer/POTW? (Page 16): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 16): M

Quantity treated, disposed or recycled in 1989 (Page 16):

SYSTEM 2

System type (Page 16): M

Quantity treated, disposed or recycled in 1989 (Page 16):

Sec. III

A. Was this waste shipped off-site? (Instructions Page 18) ☐ 1 Yes (CONTINUE TO SEC. B) ☒ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instructions Page 18)	C. System type (Page 18)	D. Total quantity shipped in 1989 (Page 18)
Site 1		M	
Site 2		M	

Sec. IV

A. Waste minimization efforts in 1989 (Instructions Page 20): ☐ 1 Yes (CONTINUE TO SEC. B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other efforts (Page 21)	D. Quantity recycled in 1989 due to new efforts (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
M M	☐ 1 Yes		.	
M M	☐ 2 No			

Comments: THIS MATERIAL WAS GENERATED DUE TO A TEMPORARY SHUTDOWN OF OUR TOTALLY ENCLOSED RECOVERY PROCESS.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: P|R|D|0|9|0|5|8|4|1|6|2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this fo

Sec. I

A. Waste description (Instructions Page 16): SPENT TOLUENE GENERATED FROM THE PHARMACEUTICAL PROCESS

B. EPA hazardous waste code (Page 16): F|0|0|5 | F|0|0|3 | D|0|0|1 | N|/|A

C. State hazardous waste code (Page 16): N|/|A | N|/|A

D. SIC code (Page 16): 2|8|3|4

E. Source code (Page 16): G|3|7

F. Form code (Page 16): W|2|0|3

G. Origin (Page 16): Code 1 | System type M|N|/|A

H. TRI constituent (Page 17): 3

I. CAS number (Page 17): 1. 0|1|0|8|-|8|8|-|3 | 2. 0|1|0|1|6|1|7|-|5|1|6|-|1 | 3. 0|0|0|6|7|-|6|4|-|1 | 4. N|A|- | 5. N|/|A|-

Sec. II

A. Quantity generated in 1989 (Instructions Page 17): 0|.|9

B. Quantity generated in 1989 (Page 17): 2|.|5

C. UOM (Page 16): 2

D. Density (Page 16): N|A . N|A ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on-site or discharged to a sewer/POTW? (Page 16): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

System 1 — System type (Page 16): M|

Quantity treated, disposed or recycled in 1989 (Page 16):

System 2 — System type (Page 16): M|

Quantity treated, disposed or recycled in 1989 (Page 16):

Sec. III

A. Was this waste shipped off-site? (Instructions Page 19) ☒ 1 Yes (CONTINUE TO SEC. III) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instructions Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1		M|	
Site 2		M|	

Sec. IV

A. Waste minimization results in 1989 (Instructions Page 20): ☐ 1 Yes (CONTINUE TO SEC. V) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W|	W|	☐ 1 Yes			
W|	W|	☐ 2 No			

Comments: THIS MATERIAL WAS GENERATED DUE TO A TEMPORARY SHUTDOWN OF OUR TOTALLY ENCLOSED RECOVERY PROCESS.

BEFORE COPYING FORM, ATTACH SITE IDENT ATION LABEL OR ENTER:

SITE NAME ROCHE PRODUCTS INC.

EPA ID NO. PRD090584152

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form

Sec. I A. Waste description Instruction Page 15: SPENT ACETONE GENERATED FROM THE PHARMACEUTICAL PROCESS

B. EPA hazardous waste code Page 15: F003 F002 N/A N/A

C. State hazardous waste code Page 16: N/A N/A

D. SIC code Page 16: 2834

E. Source code Page 16: A37

F. Form code Page 16: B2104

G. Origin Page 16: Code 1 System type MN/A

H. TRI constituent Page 17:

I. CAS number Page 17: 1. 00067-64-1 2. 00067-56-1 3. 00075-09-2 4. - - 5. - -

Sec. II A. Quantity generated in 1984 Instruction Page 17: 0.6

B. Quantity generated in 1988 Page 17: 0.6

C. UOM Page 16: 2

D. Density Page 16: NA - NA ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 16: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1 — System type Page 16: M — Quantity treated, disposed or recycled in 1989 Page 16:

SYSTEM 2 — System type Page 16: M — Quantity treated, disposed or recycled in 1989 Page 16:

Sec. III A. Was this waste shipped off site? Instruction Page 16: ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (SKIP TO SEC. IV)

Site 1: B. EPA ID No. of facility to which waste was shipped Instruction Page 16:

C. System type Page 16: M

D. Total quantity shipped in 1989 Page 16:

Site 2:

Sec. IV A. Waste minimization results in 1989 Instruction Page 20: ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21: W W W W

C. Other offices Page 21: ☐ 1 Yes ☐ 2 No

D. Quantity recycled in 1989 due to new activities Page 21:

E. Activity/Production Index Page 21: .

F. Source Reduction Quantity Page 22:

Comments: THIS MATERIAL WAS GENERATED DUE TO A TEMPORARY SHUTDOWN OF OUR TOTALLY ENCLOSED RECOVERY PROCESS.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form

Sec. I

A. Waste description (Instruction Page 15): SPENT ETHANOL GENERATED FROM THE PHARMACEUTICAL PROCESS

B. EPA hazardous waste code (Page 15): D 0 0 1 | F 0 0 5 | N/A | N/A

C. State hazardous waste code (Page 16): N/A | N/A

D. SIC code (Page 16): 2 8 3 4

E. Source code (Page 16): A 3 7

F. Form code (Page 16): B 2 0 1

G. Origin (Page 16): Code [ ] System type: M N/A

H. TRI constituent (Page 17): [ ]

I. CAS number (Page 17): 1. 0 0 1 0 8 - 8 8 - 3 | 2. N/A | 3. N/A | 4. N/A | 5. N/A

Sec. II

A. Quantity generated in 1988 (Instruction Page 17): 4 6

B. Quantity generated in 1989 (Page 17): 1 4 . 4

C. UOM (Page 16): 2

D. Density (Page 16): N/A . N/A ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 16): M

Quantity treated, disposed or recycled in 1989 (Page 16):

SYSTEM 2

System type (Page 16): M

Quantity treated, disposed or recycled in 1989 (Page 16):

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1		M	
Site 2		M	

Sec. IV

A. Waste minimization efforts in 1989 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other efforts (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W / W W	☐ 1 Yes ☐ 2 No		.	

Comments: THIS MATERIAL WAS GENERATED DUE TO A TEMPORARY SHUTDOWN OF OUR TOTALLY ENCLOSED RECOVERY PROCESS

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 15): LABORATORY PACKS OF MIXED WASTE AND CHEMICALS

B. EPA hazardous waste code (Page 15): P 0 9 8 | D 0 0 2 | D 0 0 3 | D 0 0 1

C. State hazardous waste code (Page 16): N/A | N/A

D. SIC code (Page 16): 2 8 3 4

E. Source code (Page 16): A 5 9

F. Form code (Page 16): B 0 0 3

G. Origin (Page 16): Code 1; System type M N/A

H. 70% constituent (Page 17): 2

I. CAS number (Page 17): 1. N/A - - 2. N/A - - 3. N/A - - 4. N/A - - 5. N/A - -

Sec. II

A. Quantity generated in 1989 (Instruction Page 17): 0

B. Quantity generated in 1990 (Page 17): 0

C. UOM (Page 16): 2

D. Density (Page 16): N A . N A; ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 16): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 16): M

Quantity treated, disposed or recycled in 1989 (Page 16):

SYSTEM 2

System type (Page 16): M

Quantity treated, disposed or recycled in 1990 (Page 16):

Sec II

A. Was this waste shipped off site? (Instruction Page 19): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1	L A D 0 1 0 3 9 5 1 2 7	M 0 4 1	0 . 0 8 4
Site 2	F L D 9 8 1 4 7 4 8 0 2	M 1 3 2	0 . 0 0 3 5

Sec IV

A. Waste minimization results in 1989 (Instruction Page 20): ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W / W	☐ 1 Yes ☐ 2 No		.	

Comments: SECTION I BOX B: F002, F005, P004, P050, P051, P059, D008, D009, F001

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME ROCHE PRODUCTS INC.

EPA ID NO. PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description Instruction Page 15

ETHANOL AND RESIDUES FROM CHEMICAL AND PHARMACEUTICAL PLANT OPERATIONS

B. EPA hazardous waste code Page 16: D001 F003 D002 F005

C. State hazardous waste code Page 16: N/A N/A

D. RCRA code Page 16: 218134

E. Source code Page 16: A35

F. Form code Page 16: M2101

G. Origin Page 16: Code 1 Form type M/A

H. DOT classification Page 17:

I. Unit number Page 17: 1. 010067-516-L 2. 010067-694-F 3. 113110-713-L2 4. 001018-188-L3 5. N/A

Sec. II A. Quantity generated in 1989 Instruction Page 17: 11.1

B. Quantity generated in 1989 Page 17: 3.7

C. UOM Page 16: 2

D. Density Page 16: N/A . N/A lbs/gal kg

E. Was this waste treated, disposed of, recycled on-site or discharged to a sewer/POTW? Page 16: 1 Yes (CONTINUE TO SYSTEM 1) 2 No (GO TO SEC. III)

SYSTEM 1

System type Page 16: M1

Quantity treated, disposed of or recycled in 1989 Page 16:

SYSTEM 2

System type Page 16: M1

Quantity treated, disposed of or recycled in 1989 Page 16:

Sec. III A. Was this waste shipped off site? Instruction Page 19: 1 Yes (CONTINUE TO BOX B) 2 No (GO TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped Instruction Page 19	C. System type Page 19	D. Total quantity shipped in 1989 Page 19
Site 1	PRD093997188	M1 05 1	2.3
Site 2	N/A	M1 N/A	N/A

Sec. IV A. Waste minimization activity in 1989 Instruction Page 20: 1 Yes (CONTINUE TO BOX B) 2 No (THIS PAGE IS COMPLETE)

B. Activity Page 21	C. Other efforts Page 21	D. Quantity recycled in 1989 due to new activities Page 21	E. Activity/Production index Page 21	F. Source Reduction Quantity Page 22
M1 M1 M1 M1	1 Yes 2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: ROCHE PRODUCTS I...

EPA ID NO: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form

Sec. I A. Waste description Instruction Page 15: IGNITABLE ACETIC ACID (WET) FROM PHARMACEUTICAL

EPA hazardous waste code Page 15: D001 N/A N/A N/A

C. State hazardous waste code Page 16: N/A N/A

SIC code Page 16: 2834

E. Source code Page 16: A37

F. Form code Page 16: B2011

G. Origin Page 16: Code ___ System type M

TRI constituent Page 17: 2

I. CAS number Page 17: 1. N/A 2. N/A 3. N/A 4. N/A 5. N/A

Sec. II A. Quantity generated in 1988 Instruction Page 17: 0.9

B. Quantity generated in 1989 Page 17: 14.2

C. UOM Page 18: 2

D. Density Page 18: NA NA ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 18: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1: System type Page 18: M Quantity treated, disposed or recycled in 1989 Page 18:

SYSTEM 2: System type Page 18: M Quantity treated, disposed or recycled in 1989 Page 18:

Sec. III A. Was this waste shipped off site? Instruction Page 19: ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility to which waste was shipped Instruction Page 19	C. System type Page 19	D. Total quantity shipped in 1989 Page 19
Site 1		M	
Site 2		M	

Sec. IV A. Waste minimization results in 1988 Instruction Page 20: ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21	C. Other effects Page 21	D. Quantity recycled in 1988 due to new activities Page 21	E. Activity/Production Index Page 21	F. Source Reduction Quantity Page 22
W W W W	☐ 1 Yes ☐ 2 No			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDE[illegible]ATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

FORM **GM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form

Sec. I

A. Waste description (Instruction Page 18): SPENT OIL AND KEROSENE FROM PLANT OPERATION EQUIPMENT

B. EPA hazardous waste code (Page 15)				C. State hazardous waste code (Page 16)	
D 0 0 1	D 0 0 8	N / A	N / A	N / A	N / A

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2 8 1 3 1 4	A 5 4	B 2 0 6	Code: 1 — System type: M

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)
2	1. N/A-[ ] 2. N/A-[ ] 3. N/A-[ ] 4. N/A-[ ] 5. N/A-[ ]

Sec. II

A. Quantity generated in 1988 (Instruction Page 17)	B. Quantity generated in 1989 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
6 . 0	5 . 3	2	N/A . N/A ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1989 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1989 (Page 18)
M		M	

Sec. III

A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1	P R D 0 9 0 3 9 9 7 1 8	M 0 5 1	1 0 . 7
Site 2	N / A	M N / A	N / A

Sec IV

A. Waste minimization results in 1989 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W / W	☐ 1 Yes		.	
W / W	☐ 2 No			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this for

Sec. I

A. Waste description (Instructions Page 16): ISOPROPYL ALCOHOL WASTE FROM STILL BOTTOMS

B. EPA hazardous waste code (Page 16)				C. State hazardous waste code (Page 16)	
D001	N/A	N/A	N/A	N/A	N/A

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2834	A33	B6012	Code: 1
			System type: M

H. TRI constituent (Page 17)	I. CAS numbers (Page 17)				
2	1. N/A	2. N/A	3. N/A	4. N/A	5. N/A

Sec. II

A. Quantity generated in 1989 (Instructions Page 17)	B. Quantity generated in 1988 (Page 17)	C. UOM (Page 18)	D. Density (Page 18)	E. Was this waste treated, disposed or recycled on s or discharged to a sewer/POTW? (Page 18)
10	12.11	2	N/A . N/A ☐ 1 lbs/gal ☐ 2 kg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1		SYSTEM 2	
System type (Page 18)	Quantity treated, disposed or recycled in 1989 (Page 18)	System type (Page 18)	Quantity treated, disposed or recycled in 1989 (Page 18)
M		M	

Sec. III

A. Was this waste shipped off site? (Instructions Page 18) ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instructions Page 18)	C. System type (Page 18)	D. Total quantity shipped in 1989 (Page 18)
Site 1	PRD039397118	M051	14.14
Site 2	N/A	M N/A	N/A

Sec. IV

A. Waste minimization results in 1989 (Instructions Page 20) ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)		C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W	W	☐ 1 Yes		.	
W	W	☐ 2 No			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: ROCHE PRODUCTS I

EPA ID NO: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form

SEC. I A. Waste description (Instruction Page 15): IGNITABLE LABORATORY SOLVENT WASTE CONTAINING ACETONE, METHYL ALCOHOL, ISOBUTANOL, METHYLENE CHLORIDE

EPA hazardous waste code (Page 15): F003 F005 F002 D001	C. State hazardous waste code (Page 16): N/A N/A
SIC code (Page 16): 2834	E. Source code (Page 16): 459
F. Form code (Page 16): 204	G. Origin (Page 16): Code 1; System type N/A
SIC conditioned (Page 17): 3	I. CAS number (Page 17): 1. 000067-64-1 2. 000067-56-1 3. 000075-09-2 4. 001108-88-3 5. N/A

SEC. II A. Quantity generated in 1989 (Instruction Page 17): 0.5

B. Quantity generated in 1989 (Page 17): 1.8

C. MGM (Page 18): 2

D. Density (Page 18): N/A . N/A ☐ 1 Gas/gal ☐ 2 lb

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18) ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. II)

SYSTEM 1: System type (Page 18): N/A; Quantity treated, disposed or recycled in 1989 (Page 18):

SYSTEM 2: System type (Page 18): ; Quantity treated, disposed or recycled in 1989 (Page 18):

SEC. III A. Was this waste shipped off site? (Instruction Page 19) ☒ 1 Yes (CONTINUE TO SEC. II) ☐ 2 No (SKIP TO SEC. IV)

Site 1	B. EPA ID No. of facility to which waste was treated (Instruction Page 19): PRD090399718	C. System type (Page 19): 051	D. Total quantity shipped in 1989 (Page 19): 1.1
Site 2	N/A	N/A	N/A

SEC. IV A. Waste stored/treated waste in 1989 (Instruction Page 20) ☐ 1 Yes (CONTINUE TO SEC. II) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21): W W W W	C. Other effects (Page 21): ☐ 1 Yes ☐ 2 No	D. Quantity recycled in 1989 due to new activities (Page 21):	E. Activity Production Index (Page 21): .	F. Source Reduction Quantity (Page 22):

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form

Sec. I — A. Waste description (Instruction Page 16): LITHIUM BROMIDE SLUDGE FROM THE CLEANING OF AN ABSORPTION CHILLER

EPA hazardous waste code (Page 16): D007 N/A N/A N/A	C. State hazardous waste code (Page 16): N/A N/A
SIC code (Page 16): 2834	E. Source code (Page 16): A69
F. Form code (Page 16): 319	G. Origin (Page 16): Code 1; System type N/A
Wt. constituent (Page 17): 2	I. CAS number (Page 17): 1. N/A 2. N/A 3. N/A 4. N/A 5. N/A

Sec. II — A. Quantity generated in 1989 (Instruction Page 17): 0

B. Quantity generated in 1989 (Page 17): 2.3

C. MGM (Page 18): 2

D. Density (Page 18): NA NA

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

System type (Page 18): M

Quantity treated, disposed or recycled in 1989 (Page 18):

System type (Page 18): M

Quantity treated, disposed or recycled in 1989 (Page 18):

Sec. III — A. Was this waste shipped off site? (Instruction Page 19): ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

Site 1	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19): LAD010395127	C. System type (Page 19): 042	D. Total quantity shipped in 1989 (Page 19): 5.5
Site 2	N/A	N/A	N/A

Sec. IV — A. Waste minimization results in 1989 (Instruction Page 20): ☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21): W W W W	C. Other effects (Page 21): ☐ 1 Yes ☐ 2 No	D. Quantity recycled in 1989 due to new activities (Page 21):	E. Activity/Production Index (Page 21):	F. Source Reduction Quantity (Page 22):

... BOX E: REMOVAL OF SPENT LITHIUM BROMIDE FROM CHILLER. ... OF AN ABSORPTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME ROCHE PRODUCTS INC.

EPA ID NO P R D 0 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste Description (Instructions Page 18): TOLUENE STILL BOTTOM

B. Waste Hazardous Waste Code (Page 18): F 0 0 5 | F 0 0 3 | D 0 0 1 | N/A

C. Waste Hazardous Waste Code (Page 18): N/A | N/A

D. State Waste Code (Page 18): 2834

E. State Waste Code (Page 18): 033

F. Form Code (Page 18): M 6 0 1 2

G. Origin (Page 18): Code: | Source Type: N/A

H. Waste Quantity (Page 17): 3

I. Waste Analysis (Page 17): a. 0 0 1 0 8 . 8 8 . 3 | b. 0 0 0 1 6 7 . 5 6 . L | c. 0 0 0 6 7 . 6 4 . 1 | d. N/A | e. N/A

Sec. II

A. Quantity generated in 1989 (Instructions Page 17): 2 0 . 3

B. Quantity generated in 1988 (Page 17): 4 1 . 1

C. How (Page 18): 2

D. Density (Page 18): N A . N A | Gallons | Pounds

E. Was this waste treated, disposed of or recycled on site or discharged to a sewer/POTW? (Page 18): 1: Yes (GO TO SECTION V) | 2: No (GO TO SECTION III)

Waste 1

Source Type (Page 18): M

Quantity treated, disposed of or recycled in 1989 (Page 18):

Waste 2

Source Type (Page 18):

Quantity treated, disposed of or recycled in 1989 (Page 18):

Sec. III

A. Was this waste treated at this facility? (Instructions Page 19): 1: Yes (CONTINUE TO SECTION B) | 2: No (GO TO SECTION IV)

Waste 1

B. EPA ID No. of facility to which waste was shipped (Instructions Page 19): P R D 0 1 9 0 3 9 9 7 1 8

C. System Type (Page 19): M 0 5 1

D. Total quantity shipped in 1989 (Page 19): 2 . 3

Waste 2

B. EPA ID No. of facility to which waste was shipped: N/A

C. System Type (Page 19): N/A

D. Total quantity shipped in 1989 (Page 19): N/A

Sec. IV

A. Waste minimization codes 1 thru 4 (Instructions Page 20): 1: Yes (CONTINUE TO SECTION B) | X 2: No (THIS WASTE IS ELIGIBLE)

B. Amount (Page 21): M | M | M | M

C. Source Reduction (Page 21): 1: Yes | 2: No

D. Quantity shipped in 1989 that is now reduced (Page 21):

E. Source Reduction Practice (Page 21):

F. Source Reduction Quantity (Page 22):

BEFORE COPYING FORM, ATTACH SITE IDE[illegible]TION LABEL OR ENTER

SITE NAME ROCHE PRODUCTS INC.

EPA ID NO P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description (Instruction Page 16): IGNITABLE MIXTURE OF SOLVENT WASTE FROM CHEMICAL PLANT OPERATIONS

B. EPA hazardous waste code (Page 15)	C. State hazardous waste code (Page 16)
D 0 0 1 F 0 0 3 F 0 0 1 5 N/A	N/A N/A

D. SIC code (Page 16)	E. Source code (Page 16)	F. Form code (Page 16)	G. Origin (Page 16)
2 8 3 4	A 3 7	G 2 0 3	Code 1 System type M N/A

H. No. constituent (Page 17)	I. CAS number (Page 17)
3	1 0 0 1 0 8 . 8 8 . 3 ; 0 0 0 6 7 . 5 6 . 1 ; 0 0 0 6 7 . 6 4 . 1 ; N/A ; N/A

Sec. II

A. Quantity generated in 1989 (Instruction Page 17)	B. Quantity generated in 1988 (Page 17)	C. UOM (Page 16)	D. Density, (Page 16)	E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18)
2 . 8	0	2	N A . N A ☐ 1 lbs/gal ☐ 2 kg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1

System type (Page 18): M

Quantity treated, disposed or recycled in 1989 (Page 18):

SYSTEM 2

System type (Page 18): M

Quantity treated, disposed or recycled in 1989 (Page 18):

Sec. III

A. Was this waste shipped off site? (Instruction Page 18) ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

Site	B. EPA ID No. of facility to which waste was shipped (Instruction, Page 18)	C. System type (Page 18)	D. Total quantity shipped in 1989 (Page 18)
Site 1	P R D 0 9 0 3 9 9 7 1 8	M 0 5 1	2 . 8
Site 2	N/A	M N/A	N/A

Sec. IV

A. Waste minimization results in 1989 (Instruction Page 20): ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity (Page 21)	C. Other efforts (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
W W W W	☐ 1 Yes ☐ 2 No		.	

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO: P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form

Sec. I

A. Waste Description (Instruction Page 16): SPENT METHYLENE CHLORIDE AND ALCOHOL FROM PREPARATION OF TABLET COATING SOLUTION

B. EPA hazardous waste codes (Page 15): F 0 0 2 | F 0 0 3 | D 0 0 1 | N/A

C. State hazardous waste codes (Page 16): N/A | N/A

D. SIC codes (Page 16): 2 8 3 4

E. Source code (Page 16): A 3 7

F. Form code (Page 16): B 2 0 4

G. Light (Page 16): Code 1; System type M: N/A

H. No. constituents (Page 17): 3

I. CAS numbers (Page 17): 1 0 0 0 7 5 - 0 9 - 2 | 2 0 0 0 6 7 - 5 6 - 1* | 3 0 0 0 6 7 - 6 4 - 1 | 4 N/A | 5 N/A

Sec. II

A. Quantity generated in 1989 (Instruction Page 17): 2 . 8

B. Quantity generated in 1988 (Page 17): 2 . 1

C. UOM (Page 18): 2

D. Density (Page 18): N A . N A ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? (Page 18): ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1 — System type (Page 18): M: | Quantity treated, disposed or recycled in 1989 (Page 18):

SYSTEM 2 — System type (Page 18): M: | Quantity treated, disposed or recycled in 1989 (Page 18):

Sec. III

A. Was this waste shipped off site? (Instruction Page 18): XX 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped (Instruction Page 19)	C. System type (Page 19)	D. Total quantity shipped in 1989 (Page 19)
Site 1	P R D 0 9 0 3 9 9 7 1 8	M: 0 5 1	2 . 5
Site 2	N/A	M: N/A	N/A

Sec. IV

A. Waste minimization results in 1989 (Instruction Page 20): ☐ 1 Yes (CONTINUE TO BOX B) XX 2 No (THIS FORM IS COMPLETE.)

B. Activity (Page 21)	C. Other effects (Page 21)	D. Quantity recycled in 1989 due to new activities (Page 21)	E. Activity/Production Index (Page 21)	F. Source Reduction Quantity (Page 22)
M: / M:	☐ 1 Yes ☐ 2 No		.	
M: / M:				

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO.: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 14 of the 1989 Hazardous Waste Report booklet before completing this form

Sec. I

A. Waste description Instruction Page 15: SPENT METHYLENE AND ALCOHOL FROM THE REGENERATION OF A CARBON ABSORPTION BED

B. EPA hazardous waste code Page 15: F002 D001 F003 N/A

C. State hazardous waste code Page 16: N/A N/A

D. SIC code Page 16: 2834

E. Source code Page 16: A37

F. Form code Page 16: B204

G. Origin Page 16: Code 1; System type: MN/A

H. TRI constituent Page 17: 3

I. CAS number Page 17: 1. 00075.09.2 2. 00067.56.1 3. 00067.64.1 4. N/A 5. N/A

Sec. II

A. Quantity generated in 1990 Instruction Page 17: 21.8

B. Quantity generated in 1990 Page 17: 10.5

C. UOM Page 18: 2

D. Density Page 18: NA.NA ☐ 1 lbs/gal ☐ 2 kg

E. Was this waste treated, disposed or recycled on site or discharged to a sewer/POTW? Page 18: ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

SYSTEM 1: System type Page 18: MN/A; Quantity treated, disposed or recycled in 1990 Page 18: N/A

SYSTEM 2: System type Page 18: MN/A; Quantity treated, disposed or recycled in 1990 Page 18: N/A

Sec. III

A. Was this waste shipped off site? Instruction Page 19: ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC. IV)

	B. EPA ID No. of facility to which waste was shipped Instruction Page 19	C. System type Page 19	D. Total quantity shipped in 1990 Page 19
Site 1	PRD090399718	M051	9.4
Site 2	N/A	MN/A	N/A

Sec. IV

A. Waste minimization results in 1990 Instruction Page 20: ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 21	C. Other effects Page 21	D. Quantity recycled in 1990 due to new activities Page 21	E. Activity/Production Index Page 21	F. Source Reduction Quantity Page 22
W W W W	☐ 1 Yes ☐ 2 No		.	

Comments:

Sec. VI Generator Status

A. 1989 generation (CHECK ONE BOX BELOW)
Instruction page 8

- ☐ 1 No (CONTINUE TO BOX B)
- ☒ 2 LQG
- ☐ 3 SQG (SKIP TO SEC. VII)
- ☐ 4 CESQG (SKIP TO SEC. VII)

B. Reason for not generating (CHECK ALL THAT APPLY)
Page 10

- ☐ 1 Never generated
- ☐ 2 Out of business
- ☐ 3 Only excluded or delisted waste
- ☐ 4 Only non-hazardous waste
- ☐ 5 Periodic or occasional generator
- ☐ 6 Waste minimization activity
- ☐ 7 Other (SPECIFY IN COMMENTS)

Sec. VII On-Site Waste Management Status

A. Storage
Instruction page 11
[3]

B. RCRA treatment, recycling, or disposal
Page 11
[1]

C. RCRA-exempt treatment, recycling, or disposal
Page 12
[1]

Sec. VIII Waste Minimization Activity during 1988 or 1989

A. Did this site begin or expand a source reduction activity during 1988 or 1989?
Instruction page 12

- ☐ 1 Yes
- ☒ 2 No

B. Did this site begin or expand a recycling activity during 1988 or 1989?
Page 13

- ☐ 1 Yes
- ☒ 2 No

C. Did this site conduct a source reduction or recycling opportunity assessment during 1988 or 1989?
Page 13

- ☐ 1 Yes
- ☒ 2 No

D. What factors have limited this site from initiating new source reduction activities during 1988 or 1989?
(CHECK ALL THAT APPLY)
Page 13

- ☐ 01 No factors have limited new source reduction activities.
- ☐ 02 Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☐ 03 Lack of technical information on source reduction techniques applicable to the specific production processes.
- ☐ 04 Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☒ 05 Concern that product quality may decline as a result of source reduction.
- ☒ 06 Technical limitations of the production processes.
- ☒ 07 Permitting burdens.
- ☐ 08 Other (SPECIFY IN COMMENTS)

E. What factors have limited this site from initiating new on-site or off-site recycling activities during 1988 or 1989?
(CHECK ALL THAT APPLY)
Page 13

- ☐ 01 No factors have limited new recycling activities.
- ☐ 02 Insufficient capital to install new recycling equipment or implement new recycling practices.
- ☐ 03 Lack of technical information on recycling techniques applicable to this site's specific production processes.
- ☒ 04 Recycling not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☒ 05 Concern that product quality may decline as a result of recycling.
- ☒ 06 Requirements to manifest wastes inhibit shipments off site for recycling.
- ☐ 07 Financial liability provisions inhibit shipments off site for recycli
- ☐ 08 Technical limitations of product processes inhibit shipments of for recycling.
- ☒ 09 Technical limitations of production processes inhibit on-site recy
- ☒ 10 Permitting burdens inhibit recycling.
- ☐ 11 Lack of permitted off-site recycling facilities.
- ☐ 12 Unable to identify a market for recyclable materials.
- ☐ 13 Other (SPECIFY IN COMMENTS)

Comments:

BEFORE COPYING FORM, ATTACH IDENTIFICATION LABEL OR ENTER

SITE NAME: ROCHE PRODUCTS INC.

EPA ID NO: P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Hazardous Waste Rep

FORM **IC**

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 7 of the 1989 Hazardous Waste Report booklet before completing thi

SEC. I Site name and location address. Complete items A through H. Check the box ☒ in items A, B, D, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 7.

A. EPA ID No. Same as label ☒ or —— | | | | | | | | | | | | |

B. Site/company name. Same as label ☒ or ——

C. Has the site name associated with this EPA ID changed since 1987? ☐ 1 Yes ☒ 2 No

D. Street name and number. If not applicable, enter industrial park, building name or other physical location description. Same as label ☐ or —— STATE ROAD NO. 670, KM. 2.7

E. City, town, village, etc. Same as label ☐ or —— MANATI

F. County

G. State. Same as label ☐ P R

H. Zip Code. Same as label ☐ 0 0 7 0 1 - 0 4 5 2

SEC. II Mailing address of site. Instruction page 7.

A. Is the mailing address the same as the location address? ☐ 1 Yes (SKIP TO SEC. III) ☒ 2 No (COMPLETE SEC. II)

B. Number and street name of mailing address: P.O. BOX 452

C. City, town, village, etc: MANATI

D. State: P R

E. Zip Code: 0 0 7 0 1 - 0 4 5

SEC. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 7

A. Please print. Last name: CORCHADO. First name: JUAN. MI:

B. Title: ENVIRONMENTAL AFFAIRS SPECIALIST

C. Telephone: 8 0 9 8 5 4 - 3 0 Extension

SEC. IV Enter the Standard Industrial Classification (SIC) Code that describes the principal products, group of products, produced or distribu the services rendered at the site's physical location. Enter more than one SIC Code only if no one industry description includes the a activities of the site. Instruction page 8.

A.	B.	C.	D.
2 8 3 4			

SEC. V I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that th submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information the possibility of fine and imprisonment.

A. Number of form pages submitted: Form IC 1 8; Form GM 1 1 9; Form WR; Form PS

B. Please print. Last name: MACMULLAN. First name: EDWARD. MI:

C. Title: VICE PRESIDENT PLANT OPERATIONS

D. Signature

E. Date of signature: MO 0 3 DAY 1 3

ROCHE PRODUCTS INC.

CARRETERA ESTATAL #670 KM. 2
MANATI • PUERTO RICO • 0078[illegible]

APARTADO 457
MANATI • PUERTO RICO • 0[illegible]

February 28, 1990

Puerto Rico Environmental Quality Board
Land Pollution Control Area
Inspection, Monitoring and Surveillance
P.O. Box 11488
Santurce, Puerto Rico 00910-1488

Gentlemen:

Ref: 1989 RCRA Biennial Report
Roche Products Inc.
State Road #670, Km. 2.7
Manati, Puerto Rico,
EPA ID No. PRD090584152

As required by the 40 CFR 262.41, the submission of the 1989 RCRA Biennial Report is due March 1, 1990.

We respectfully request an extension of the due date until March 30, 1990. The reason to request the extension is that our Chemical Operations Manager, Mr. Tomás Alvarado, is away from the company due to chicken pox and our Chemical Operations Director is also away from the plant. We consider it necessary that this report is reviewed by Mr. Alvarado.

If you have any questions, please contact us at (809) 854-3020.

Respectfully,

Mattie S. Muñoz
Regulatory Affairs Manager

MSM/ir

RPI #1690

RECIBIDO
JUNTA DE
CALIDAD AMBIENTAL
MAR 1 1990
Area Conta[illegible]

ROCHE PRODUCTS INC.

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

March 30, 1990

Puerto Rico Environmental Quality Board
Land Pollution Control Area
Inspection, Monitoring and Surveillance
P.O. Box 11488
Santurce, P.R. 00910-1488

Gentlemen:

As required by the 40 CFR 265.75, we are submitting the 1989 RCRA Biennial Report. Also, attached you will find copy of the letter requesting an extension of the due date until March 30, 1990, which we submitted to you on March 1, 1990.

If you have any questions, please contact us at (809) 854-3020.

Cordially yours,

Edward A. MacMullan
Vice President
Plant Operations

EAM/bir
RPI #1790

file

ROCHE PRODUCTS INC.

CARRETERA ESTATAL #670 KM 27
MANATÍ • PUERTO RICO • 00701

APARTADO 452
MANATÍ • PUERTO RICO • 00701

January 13, 1988

Mr. Jose C. Font
Project Manager
U. S. Environmental Protection Agency
Caribbean Field Office
1413 Fernandez Juncos Avenue
Santurce, Puerto Rico 00909

Dear Mr. Font:

This will acknowledge receipt of your request for information dated December 1, 1987, and further the consent of Mr. Praschank to an extension to answer the request until January 15, 1988.

The specific answers to the EPA information request are attached hereto, and are based upon the best information available to us at this time. We will, of course, comply with our continuing legal obligation to update our response if and when additional information becomes available.

We wish to advise EPA that at no time during the RPI usage of BFI and/or Barceloneta Landfill did RPI send any hazardous wastes to this facility. To the contrary all waste disposal at Barceloneta Landfill was non-hazardous in nature, such as cafeteria waste, packaging material and office trash, and to this extent, we consider our response to be voluntary in nature. We take very seriously our civic obligation to assist EPA in addressing environmental problems, and hope this information is productive in that regard.

We have been working closely with our U. S. affiliate on this response and would request that any follow up comments or inquiries be directed to the attention of John Alexander, Esq. or Dr. Jack Kace at Hoffmann-La Roche Inc., 340 Kingsland Street, Nutley, New Jersey 07110.

Very truly yours,

Edward A. MacMullan
Vice President of
Manufacturing Operations

attachments
cc: J. D. Alexander, Esq.
Dr. J. Kace

CERTIFICATION OF ANSWERS TO

REQUEST FOR INFORMATION

COMMONWEALTH OF PUERTO RICO)
: ss.:
MUNICIPALITY OF MANATI)

I certify that the attached answers to the EPA Request for Information are true, complete (within the meaning of SARA) and accurate to the best of my knowledge and belief and that any documents submitted herewith are complete and authentic to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Edward A. MacMullan

Vice President of
Manufacturing Operations

(Signature)

Aff # 5856

Sworn to before me this 14 day of

January, 1988.

Notary Public

YOLANDA RIVERO MARIN
PUERTO RICO
ABOGADA-NOTARIO

CERTIFIED ANSWER TO EPA INQUIRY

1. The person in charge of responding to this information request is Edward A. MacMullan, Vice President of Manufacturing Operations.

2. The persons consulted in preparation of the answers were Jose García and Tomás Alvarado.

3. All relevant and pertinent documents in possession of RPI were reviewed in the preparation of these answers.

4. Roche Products Incorporated (RPI), which has been in operation since 1977, manufactures and distributes the following pharmaceutical products: Dalmane, Librium, Valium, Librax, Libritabs, Limbitrol and Endep.

5. All requisitions of chemicals are conducted through the company's Purchasing Department. Once the chemicals arrive at the plant, the Receiving group is responsible for the preparation of all pertinent documents including the labeling of each hazardous chemical as per OSHA's Right-to-Know regulation. After this initial step, the destination of these chemicals, depending on their nature, could be as follows:

   Bulk: --Tank trucks go to receiving area where all the pertinent documents are prepared; then to our tank farm where the chemicals are transferred to their respective tanks by means of transfer pumps.

   Drums: --All trucks delivering drums of chemicals must go through the same procedures at the receiving area. The drums are then stored at our Chemical Storage building in accordance with good safety procedures.

   Laboratory Chemicals: --Once all the pertinent papers are prepared, these laboratory reagents are taken to the laboratory storage areas.

   All of the above noted storage areas at RPI are equipped with proper emergency equipment and spill control facilities.

   All hazardous waste generated by our processes are drummed and stored at our hazardous waste warehouse for later disposal at an approved TSD facility on the mainland. Biodegradable wastes, some of which might contain hazardous substances, are sent to the on-site wastewater treatment plant.

6. The garbage and refuse at RPI consists of the following: office and cafeteria refuse (similar to municipal waste), packaging refuse (cardboard and paper), wood and broken glass.

   RPI started using the Barceloneta Municipal Landfill to dispose of garbage and refuse after it reopened on April 28, 1986 (see letter 5-12-86, Appendix A) and the first disposal was conducted on May 6, 1986 (see invoice 88228, Appendix A). From that day to the present RPI has been disposing of various non-hazardous waste streams, such as noted above, at Barceloneta.

   The disposal of our wastewater treatment plant digested sludge at the Barceloneta Landfill was started on October 5, 1987 and ended on November 6, 1987. Appendix B contains all documents pertaining to this operation including the permit granted by Environmental Quality Board (EQB) classifying our sludge as non-hazardous. Our original permit request was to dispose of our sludge at the Toa Baja Landfill but we were directed by EQB recommendation to send this material to Barceloneta.

7. All wastes sent to Barceloneta except for the above noted sludge were hauled by Browning Ferris. The sludge was hauled by Rene Vigo Román Trucking Company. (See Appendix C P.O.# 46329 dated October 2, 1987, Barceloneta letter dated September 10, 1987 to RPI, BFI P.O.# 39585 and Rene Vigo Román Trucking Company P.O. # 46909.) See No. 6 and documents referred to therein.

ITEM	REQUISITION NO.	REQUISITIONER	BUYER	DEPARTMENT	ACCOUNT NUMBER	SUB ACCOUNT NUMBER	WORK ORDER NUMBER
	78701	Jose Garcia	A. Vargas L. Lesnick	ENV.	5696	680-319	

PROJECT NUMBER	DEPARTMENT NUMBER

DELIVER TO

BUILDING	FLOOR	ROOM NUMBER

02829000 LS

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P. O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 48401

DATE ISSUED	DATE REQUIRED
1-3-89	See Below

TERMS

[X] NET 30 [ ] 1/10 N/30 [ ] [redacted]

[ ] OTHER: disposal

B.F.I. OF PONCE INC.
GPO Box 7104
Ponce PR 00732

SHIP TO: [ ] STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 [ ] SEE INSTRUCTIONS

F.O.B. Jobsite

VIA Vendor

ITEM	COMMODITY /CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
				OPEN ORDER	
				Provide compactors, containers, tanks and/or equipment as necessary to treat and dispose of all solid material waste generated in plant for a period of two years starting January 1, 1989 and ending on December 31, 1990.	
				RENTAL RATES	
				a. 1-42 cubic yard compactor (Bldg 701)	$250.00
				Monthly Rental Charge	95.00
				Each pick up	
				* Dump Fee (Arecibo Landfill)	60.00
				b. 1-42 cubic yard container (Bldg 301)	$250.00
				Monthly Rental Charge	95.00
				Each pick up	
				* Dump Fee (Arecibo Landfill)	60.00
				c. 1-20 cubic yard container (Sludge)	$137.00
				Monthly Rental Charge	95.00
				Each pick up	
				* Dump Fee (Arecibo Landfill)	60.00
				The above purchase order number must appear on all documents.	
				Continued on Page 2.....	

DELIVER THIS COPY TO REQUISITIONER

REQUISITIONER: This copy of the purchase order is your confirmation that the material you requisitioned has been ordered. Please check correctness of quantity and description and advise if in error.
Retain This Copy For Future Reference.

ROCHE PRODUCTS INC.

Carlos Rodriguez
Purchasing Agent
PURCHASING DEPARTMENT

	70701	J.Gaecia	L.Lesniak	Eng.	5696	680-319

PROJECT NUMBER			DEPARTMENT NUMBER		
VENDOR NO.	CAT.	INIT.	DELIVER TO		
			BUILDING	FLOOR	ROOM NO.
02829000	LS	ar			

ROCHE

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P. O. BOX 452, MANATI, PUERTO RICO 00701

P.O. CHANGE NOTICE

No. 48401

DATE ISSUED	DATE REQUIRED
9-22-89	

TERMS

☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30

☐ OTHER:

BFI OF PONCE, INC.
GPO BOX 7104
PONCE, P.R. 00732

SHIP TO: ☐ STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B.

VIA

ITEM	COMMODITY ACODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
				CHANGE ORDER #II: TO CORRECT COST OF DUMP FEE AND LANDFILL.	
				APPROVE LANDFILL: VEGA BAJA (BY JOSE GARCIA)	
				DUMP FEE: $100.00	
				PICK UP (EA. TRIP) $145.00	

DELIVER THIS COPY TO REQUISITIONER

REQUISITIONER: This copy of the purchase order is your confirmation that the material you requisitioned has been ordered. Please check correctness of quantity and description and advise if in error.

Retain This Copy For Future Reference.

ROCHE PRODUCTS INC.

Carlos Rodriguez,
Purchasing Agent

PURCHASING DEPARTMENT

[illegible]	Jose Garcia	A. Vargas L. Lesniak	Rev.		
02829000 LB					

PROJECT NUMBER	DEPARTMENT NUMBER

DELIVER TO

BUILDING	FLOOR	ROOM NUMBER

ROCHE

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 48401

DATE ISSUED	DATE REQUIRED
1-3-89	See Below

TERMS

☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30

☐ OTHER:

B.F.I. OF PONCE INC.

Page 2

SHIP TO: ☐ STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B. Jobsite

VIA Vendor

ITEM	COMMODITY /CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE

CANCELLATION CLAUSE

This purchase order may be cancelled by either party with a sixty (60) days written notice prior to expiration date.

Confirm order placed on 12-15-88 to Johnny Huertas.

This purchase order supersedes P.O. #43939.

NOTE TO ACCOUNTING

No Receiving Report will be issued to cover these services. Requestor must approve invoice for payment.

DELIVER THIS COPY TO REQUISITIONER

REQUISITIONER: This copy of the purchase order is your confirmation that the material you requisitioned has been ordered. Please check correctness of quantity and description and advise if in error.

Retain This Copy For Future Reference.

ROCHE PRODUCTS INC.

Carlos Rodriguez
Purchasing Agent

PURCHASING DEPARTMENT

T 66139	J.Garcia	L.Lesniak S.Aviles	CPD	3098	600-319
19015300-SD				PROJECT NUMBER	DEPARTMENT NUMBER
				DELIVER TO	
				BUILDING: 501	FLOOR	ROOM NUMBER

ROCHE

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 48200

DATE ISSUED	DATE REQUIRED
10-27-88	10-20-88

TERMS

[X] NET 30 [ ] 1/10 N/30 [ ] 2/10 N/30 [ ] OTHER:

SAFETY KLEEN
P.O. BOX 1098
MANATI, P.R. 00701

SHIP TO: [X] STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 [ ] SEE INSTRUCTIONS

F.O.B.: KPI BASE

VIA: Vendor

ITEM	COMMODITY/CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE

TO COVER THE COST FOR HANDLING AND DISPOSAL OF WASTE MATERIAL BY INCINERATION WITHIN ALL THE APPLICABLE ENVIRONMENTAL REGULATIONS AS FOLLOWS:

SURVEY NO.	DESCRIPTION	QTY. DRUMS	FEE/DRUM
21592	METHYLENE CHLORIDE	49	$300.00/drm
21599	METHYLENE CHLORIDE	4	300.00/drm
30692	REACTOR WASHES	11	250.00/drm
30742	ACETONE AND PAINT	5	150.00/drm
30744	ALCOHOL DESTILLATION	3	150.00/drm
30747	DISTILLATION BOTTOMS	4	200.00/drm
30753	SOLVENT MIXTURE	5	250.00/drm
30754	REACTOR WASHES SOLVENT	2	150.00/drm
30755	LAB. SOLVENT MIXTURE	2	200.00/drm
30758	DISTILLED SOLV. MIXTURE	1	150.00/drm
30759	SOLVENT MIXTURE	1	300.00/drm

SUB. TOTAL.....	$23,050.00
TRANSPORTATION (2TRIP)...	115.00/c
NINE (9) PRESHIP ANALYSIS	250.00/d
LESS 20Z.....	-(450.00)
TOTAL COST.....	$25,080.00

Confirmed order placed on 8-5-88 to Tomás Rivera, delivery promised on or before mentioned date.

NOTE: SAFETY KLEEN IS RESPONSIBLE FOR ALL INSURANCE AND PERMITS REQ. BY FEDERAL AND LOCAL LAWS & AGENCIES.

DELIVER THIS COPY TO REQUISITIONER

REQUISITIONER: This copy of the purchase order is your confirmation that the material you requisitioned has been ordered. Please check correctness of quantity and description and advise if in error.

Retain This Copy For Future Reference.

ROCHE PRODUCTS INC.

GILBERTO ATILES

PURCHASING DEPARTMENT

REQUISITION NO.	REQUESTED BY	NOTIFY	DEPARTMENT	ACCOUNT NUMBER	SUB-ACCOUNT NUMBER	WORK ORDER NUMBER
46139	J.Garcia	L.Lesniak	CPD	3636	680-319	

PROJECT NUMBER	DEPARTMENT NUMBER

DELIVER TO

BUILDING	FLOOR	ROOM NUMBER

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 48200

DATE ISSUED	DATE REQUIRED

TERMS

☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30
☐ OTHER:

SAFETY KLEEN

PAGE 2.

SHIP TO: ☐ STATE ROAD #670 KM. 2.7 MANATI PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B.

VIA

ITEM	COMMODITY /CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
				NOTE TO ACCOUNT PAYABLE: No receiving report will be issued to cover the above mentioned services. Requestor must approve invoice for payment.	

DELIVER THIS COPY TO REQUISITIONER

REQUISITIONER: This copy of the purchase order is your confirmation that the material you requisitioned has been ordered. Please check correctness of quantity and description and advise if in error.

Retain This Copy For Future Reference.

ROCHE PRODUCTS INC.

Gilberto Atiles

PURCHASING DEPARTMENT

ITEM	REQUISITION NO.	REQUESTED BY	NOTIFY	DEPARTMENT	ACCOUNT NUMBER	SUB-ACCOUNT NUMBER	WORK ORDER NUMBER
	66133	Jose Garcia	A. Vargas L. Lesnick	Env.	5696	680-310	
	05281000				PROJECT NUMBER	DEPARTMENT NUMBER	
					DELIVER TO		
					BUILDING: 501	FLOOR	ROOM NUMBER

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 48118

DATE ISSUED	DATE REQUIRED
7-6-88	6-30-88

TERMS

☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30 ☒ OTHER: See Below

KEMRON
Remediation Serv. Div.
1502A 2nd Avenue
Tampa, FL 33605

SHIP TO: ☐ STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B. See Below

VIA See Below

ITEM	COMMODITY CODE NO	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
				To cover the cost for incineration and disposal of Hazardous Waste.	

COVERAGE

1. 68 F-Waste 55-gal drums
2. 21 F-Waste Overpack drums
3. Labelling of all drums
4. Manifest and all documentation preparation
5. Transportation arrangements from Roche Products Inc. to Production Fuels, Inc, Arkansas
6. Incineration of all waste
7. Landfilling of empty drums
8. Certification of incineration

DISPOSAL FEE

68 drums..... $21,300.00
21 overpack drums at $420.00 ea..... 8,820.00
($375.00 per drum + $45.00 per overpack)

TOTAL VALUE..... $30,120.00

DELIVER THIS COPY TO REQUISITIONER

REQUISITIONER: This copy of the purchase order is your confirmation that the material you requisitioned has been ordered. Please check correctness of quantity and description and advise if in error.

Retain This Copy For Future Reference.

ROCHE PRODUCTS INC.

Adeline Molina
Purchasing Supervisor
PURCHASING DEPARTMENT

	0133	J. Garcia	A. Vargas L. Lesniak	Env.	5090	680-319

PROJECT NUMBER	DEPARTMENT NUMBER

DELIVER TO

BUILDING	FLOOR	ROOM NUMBER

ROCHE

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 48118

DATE ISSUED	DATE REQUIRED
7-6-88	Se 6-30-88

TERMS

☐ NET 30 ☐ 1/10 N/30 ☐ 2/10 N/30

☐ OTHER:

ENSCO

Page 2

SHIP TO: ☐ STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 ☐ SEE INSTRUCTIONS

F.O.B. See Below

VIA See Below

ITEM	COMMODITY /CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
				TERMS OF PAYMENT 1. Seventy-five percent (75%) of invoice within forty-five (45) days from Ensco's receipt of the waste. 2. Balance of twenty-five percent (25%) payable within ten (10) days of compliance certificates of disposal. **CONTRACT CLAUSE** Formal contract is made part of this purchase order. Confirm order placed on 6-24-88 to Ken Capenzuto. **NOTE TO ACCOUNTS PAYABLE** No Receiving Report will be issued to cover the above mentioned services. Requestor must approve invoice for payment.	

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Retain This Copy For Future Reference.

ROCHE PRODUCTS INC.

Adelina Molina
Purchasing Supervisor
PURCHASING DEPARTMENT

	ercia	A. Vargas L. Lesniak	Safety	5696	680-319		
				PROJECT NUMBER		DEPARTMENT NUMBER	
				VENDOR NO.	CAT.	INIT.	DELIVER TO
							BUILDING / FLOOR / ROOM NO.
				19015300	SD	MS	501

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 48624

DATE ISSUED	DATE REQUIRED
4-3-89	4-5-89

TERMS

[x] NET 30 [ ] 1/10 N/30 [ ] 2/10 N/30 [ ] OTHER:

SAFETY KLEEN ENVIROSYSTEMS
PO Box 1098
Manati, PR 00701

SHIP TO: [ ] STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 [ ] SEE INSTRUCTIONS

F.O.B. See Below

VIA Vendor

ITEM	COMMODITY /CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
				To cover the cost for handling and disposal of waste material by incineration within all the applicable environmental regulations as follows:	
				Spent Oil	
				46 Drums (approx).....	$ 150.00/dr
				Transportation.....	115.00
				Sub Total Value.....	$7,015.00
				Preshipment Analysis.....	250.00
				TOTAL VALUE.....	$7,265.00

Safety Kleen is responsible for all insurance and permits required by Federal & Local laws & Agencies.

Confirmed order placed on 2-24-89 to Annie Gomez.

NOTE TO ACCOUNTING
No Receiving Report will be issued to cover this service. Requestor must approve invoice for payment.

DELIVER THIS COPY TO REQUISITIONER

REQUISITIONER: This copy of the purchase order is your confirmation that the material you requisitioned has been ordered. Please check correctness of quantity and description and advise if in error.

Retain This Copy For Future Reference.

ROCHE PRODUCTS INC.

Adelina Molina
Purchasing Supervisor

PURCHASING DEPARTMENT

ITEM	REQUISITION NO.	REQUESTED BY	NOTIFY	DEPARTMENT	ACCOUNT NUMBER	SUB-ACCOUNT NUMBER	WORK ORDER NUMBER
1	66209	J.Garcia	L.Lesniak A.Vargas	CPD	5696	680-319	

PROJECT NUMBER	DEPARTMENT NUMBER

VENDOR NO.	CAT.	INIT.	DELIVER TO BUILDING	FLOOR	ROOM NO.
19015300	SD	er	501		

ROCHE PRODUCTS INC.

PURCHASING DEPARTMENT
P.O. BOX 452, MANATI, PUERTO RICO 00701

PURCHASE ORDER

No. 48697

DATE ISSUED	DATE REQUIRED
4-26-89	5-3-89

TERMS

[X] NET 30 [ ] 1/10 N/30 [ ] 2/10 N/30 [ ] OTHER:

SAFETY KLEEN Envirosystems
P.O. BOX 1098
MANATI, P.R. 00701

SHIP TO: [X] STATE ROAD #670 KM. 2.7 MANATI, PUERTO RICO 00701 [ ] SEE INSTRUCTIONS

F.O.B. Roche Warehouse

VIA Vendor

ITEM	COMMODITY /CODE NO.	QUANTITY	U/M	MATERIAL DESCRIPTION	UNIT PRICE
				Cover the cost for disposal for spent methylene chloride by means of incineration.	
		45	drm	Spent Methylene chloride	$300.00/drm.
				9 drums - PH-02 SK Sample #21599	
				36 Drums - PH 03A SK Sample #21592	
				TRANSPORTATION CHARGE.....	115.00
				TOTAL VALUE.....	$13,615.00

Confirmed order placed on 4-25-89 to Gretchen Guzmán, delivery promised on or before mentioned date.

NOTE TO ACCOUNTS PAYABLE:

NO RECEIVING REPORT WILL BE ISSUED TO COVER THE ABOVE MENTIONED SERVICES. REQUESTOR MUST APPROVE INVOICE FOR PAYMENT.

DELIVER THIS COPY TO REQUISITIONER

REQUISITIONER: This copy of the purchase order is your confirmation that the material you requisitioned has been ordered. Please check correctness of quantity and description and advise if in error.
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ROCHE PRODUCTS INC.

Adelina Molina,
Purchasing Supervisor

PURCHASING DEPARTMENT

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Junta de Calidad Ambiental

ENE 29 1990

MATTIE MUNOZ
REGULATORY AFFAIRS DEPT.
RECEIVED
FEB 1 1990
☐ FILE
☐ PLEASE COMMENT
☐ DISCARD
☐ COPY TO

RE: 1989 Hazardous Waste
Biennial Report

Dear Sir/Madam:

According to Rule 503 A of the Regulation for the Control of Hazardous and Non - Hazardous Solid Wastes, a generator who ships any hazardous waste off-site to a treatment, storage or disposal facility and/or a facility who receive hazardous wastes for treatment, storage and disposal of such wastes, must prepare and submit a single copy of a Biennial Report to the Puerto Rico Environmental Quality Board (EQB) by March 1 of each even numbered year.

During recent years, the Biennial Report form used to report the management activities of the hazardous wastes has been amended by the Environmental Protection Agency (EPA).

The purpose of these amendments is to help the states in collecting the necessary information to comply with the requirements of the Section 104 (c) (9) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as amended. This Section establishes that the states have the responsibility to develop and submit every two years a Hazardous Waste Management Plan that assure to the EPA Regional Administrator that each state has the capability to handle its own wastes. However, since at present the EQB has not develop its own Biennial Report form, we have adopt the EPA form. Therefore, eventhough the enclosed report form is the one provided by the EPA, it must be submitted to the EQB (original copy).

The suitable unit of measure to be reported is the short tons (T). If necessary, use the following conversion factors:

Code	Unit of Measure	Conversion Factor [a]
P	Pound	0.00050
T	Short ton (2,000 lb)	1
K	Kilogram	0.001102
M	Metric tonne (1,000 kg)	1.102311
G	Gallon	0.004167
L	Liter	0.001102

[a] Multiply conversion factor by unit of measure to convert to short tons.

Attached, you will find the instructions and forms booklet to be filled out.

If your company has obtained a declassification to non-handler or small quantity generator of hazardous wastes, written evidence of said action must be included.

Failure to submit the report by March 1, 1990, will result in the assessment of penalty. Attached, please find biennial report forms and additional information.

If you have any question in regard to this matter, contact our office at 767-8031 or 767-8118.

767 8129

Cordially,

Flor L. Del Valle Lopez
Director
Land Pollution Control
Area

CM/sec

Enclosure

1989 - Solvent Recovery.

Toluene		Ethanol		Acetone	
Feb.	2090	Apr.	2050	May	800
Mar.	1800	May	2200	Aug.	1900
Apr.	1200	Jun	4100	Total = 2700 gals	
Aug.	800	Jul	5500		
Sept.	3225	Aug	4380		
Oct.	1300	Sept.	1500		
Total =	10,415.0 gals	Total =	19,730.0 gals		

FALCON SPA ?

D-KYCLONE ?

SUBMITTED By:
JUAN GONZALEZ
MARCH 27, 1990
By. J. Gonzalez

Drones de Solventes enviados a SLAB - 601 3/28/90

Año 1988

(3) 2 Methylene Chloride - 10 drones - 550 gals - OK
Tolueno - 4 drones - 220 gals
Acetone - 3 drones - 150 gals
Alcohol 2B - 22 drones - 1,100 gals

1989

(1) - Methylene Chloride - 12 drones - 600 gals - OK
Alcohol 2B - 69 drones - 3,450 gals
Isopropyl Alcohol - 161 drones - 8,050 gals
Acetone - 3 drones - 150 gals
Toluene - ~~8~~ 12 drones - ~~300 gals~~ 600 gals

SUBMITTED BY
JUAN GONZALEZ
3/28/90
PICK UP: J. CONCHADO
3/28/90

EPA File
Trace

ROCHE PRODUCTS INC.

CARRETERA ESTATAL #670 KM 2.
MANATÍ • PUERTO RICO • 00701

APARTADO 452
MANATÍ • PUERTO RICO • 00701

June 30, 1988

Ms. Dina Li
Environmental Protection Agency
Region II Room 907
26 Federal Plaza
New York NY, 10278

Dear Ms. Li

Attached you will find the answered 1987 Hazardous Waste Generation and Management report.

If any questions pertaining to this subject arises please do not hesitate to contact us at (809) 854-3020.

Cordially yours,

Jose C. Garcia
Safety & Environmental
Affairs Supervisor

JG/ecp

OMB#: 2050-0024 Expires 12-31-

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI PR 00701

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM **IC**

IDENTIFICATION AND CERTIFICATION

WHO MUST COMPLETE THIS FORM? Form IC must be completed by every site that received this package.

INSTRUCTIONS: Please read the detailed instructions beginning on page 8 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Complete Sections I through IV and Sections VI through IX immediately. Complete Section V certification, after you have finished the full report package.

SEC. I. Site name and physical location which may differ from the mailing address. Complete items A through G.
Mark [X] for items A, B, C, D, F, and G if same as label; if different, enter corrections. If label is absent, enter information.

A. Site/company name — Same as label [ ] or —
ROCHE PRODUCTS INC.
MANATI PR 00701

B. EPA ID No. — Same as label [X] or —

C. Address number and street name of physical location - If not known, enter industrial park, building name or other physical location description — Same as label [ ] or —
State Road # 670 KM. 2.7

D. City, town, village, etc. — Same as label [ ] or —

E. County
MANATI

F. State — Same as label [ ] or — P R

G. Zip Code — Same as label [ ] or — 0 0 7 0 1 - 4 5 2

SEC. II. Mailing address of site.
Mark [X] for A, B, C, and D if same as label; if different, enter corrections.

A. Number and street name of mailing address — Same as label [ ] or —
State Road # 670 KM. 2.7

B. City, town, village, etc. — Same as label [ ] or —
MANATI

C. State — Same as label [ ] or — P R

D. Zip Code — Same as label [ ] or — 0 0 7 0 1 - 4 5 2

SEC. III. Name, title, and telephone number of the person who should be contacted if questions arise regarding this report.

A. Please print: Last name	First name	M.I.	B. Title	C. Telephone
GARCIA	JOSE	C.	SAFETY/ ENV. AFFAIRS SUPERVISOR	8 0 9 8 5 4 - 3 0 2 (Extension 3 0 1

SEC. IV. Enter the Standard Industrial Classification (SIC) Code that describes the principal products, group of products, produced or distributed, or t services rendered at the site's physical location. Enter more than one SIC Code only if no one industry description includes the combined activiti of the site. SIC codes are listed beginning on page 1 of the 1987 Hazardous Waste Generation, Shipment and Management Report Codebook.

A.	B.	C.	D.	E.	F.
2 8 3 4					

SEC V. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documen and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted informati is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fi and imprisonment.

A. Please print: Last name	First name	M.I.	Title
LESNIAK	LEWIS	A.	CHEMICAL OPERATIONS DIRECT

B. Signature: Lewis A. Lesniak

Date of signature: Mo. 6 Day 30 Yr. 88

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

P.O. BOX 452

MANATI PR 00701

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipp hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Wa Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): DISTILLED ACETIC ACID (WET) IGNITABLE

B. EPA hazardous waste code (Page 12): D 0 0 1

C. State hazardous waste code (Page 13):

D. SIC code (Page 13): 2 8 3 4

E. Source code (Page 13): 1 0

F. Waste form code (Page 15): H 4 8

G. Waste minimization results (Page 13): B

Sec. II

A. Organics (Page 14)	B. Water (Page 15)	C. Total Solids (Page 15)	D. Suspended Solids (Page 15)	E. BTU (Page 16)	F. Toxic Metals (Page 16)
High: A	High: D	High: N	High:	High:	Note:
Low: G	Low:	Low:	Low:	Low: DK	Metal / High / Low
Test: F Note:	Note:	Note:	Note:	UOM: Note:	1. 2. 3. 4. 5. 6.

G. pH (Page 18)	H. Flashpoint (Page 18)	I. Cyanides (Page 19)	J. Halogens (Page 20)	K. Radioactive (Page 20)
High: Low:	High: °F Low: °F	High: N/A Low: Test: Note:	High: N/A Low: Note:	Yes: No: N/A State:
Note: B	Note: B			

Sec. III

A. 1986 quantity generated (Instruction Page 20)	B. 1987 quantity generated (Page 20)	C. UOM (Page 21)	D. Density (Page 21)	E. Waste origin (Page 21)
0	1 5 , 1 7 9	K	DK lbs/gal kg	Code: A On-site T/S/D/R code: C 1 1

F. On-site T/S/D/R code (Page 21): N/A

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 22)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
N/A	N/A	N/A	N/A	N/A

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.

P.O. BOX 452

MANATI PR 00701

EPA ID NO. PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site and shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): AMINOL RESIDUE (MEOH 12 %. 85 ORG. RESIDUE, 3 % WATER) OK

B. EPA hazardous waste code (Page 12): F003

C. State hazardous waste code (Page 13):

D. SIC code (Page 13): 2834

E. Source code (Page 13): 10

F. Waste form code (Page 13): H51

G. Waste minimization results (Page 13): B

Sec. II

	A. Organics (Instruction Page 14)	B. Water (Page 15)	C. Total Solids (Page 15)	D. Suspended Solids (Page 15)	E. BTU (Page 16)	F. Toxic Metals (Page 18) Note: N/A
High	M	P	C	DK	DK	Metal / High / Low
Low						1. 2. 3. 4. 5. 6.
Test / Note	E /	/	/	/	UOM / Note	

	G. pH (Page 18)	H. Flashpoint (Page 18)	I. Cyanides (Page 19)	J. Halogens (Page 20)	K. Radioactive (Page 20)
High	N/A	80.6 °F	N/A	N/A	N/A
Low		°F			Yes ☐ No ☐
Test / Note	/	/	/	/	/

Sec. III

A. 1986 quantity generated (Instruction Page 20): 391.5

B. 1987 quantity generated (Page 20): 4,598

C. UOM (Page 21): K

D. Density (Page 21): DK ☐ lbs/gal ☐ kg

E. Waste origin (Page 21): A; On-site T/S/D/R code: S01

F. On-site T/S/D/R code (Page 21): N/A

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
N/A	N/A	N/A	N/A	N/A

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI PR -0701

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

FORM **GM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instructions Page 12): ETHANOL RESIDUE (ETHANOL 17%, H2O 6%, ORG. RESIDUE 67%)

B. EPA hazardous waste code (Page 12): D 0 0 1

C. State hazardous waste code (Page 13):

D. SIC code (Page 13): 2834

E. Source code (Page 13): 1 1 0

F. Waste form code (Page 13): L H 9 1 1

G. Waste minimization code (Page 13): L B

Sec. II

	A. Organics (Page 14)	B. Water (Page 15)	C. Total Solids (Page 15)	D. Suspended Solids (Page 15)	E. BTU (Page 16)
High	M	M	F		DK
Low					
Test / Note					

F. Toxic Metals (Page 16) — Note: N/A

Metal	High	Low
a.		
b.		
c.		
d.		
e.		
f.		
g.		
h.		

G. pH (Page 16)	H. Flashpoint (Page 16)	I. Cyanides (Page 19)	J. Halogens (Page 20)	K. Radioactive (Page 20)
	8 5 . 1 °F	N/A	N/A	N/A
High	High	High	High	Yes
Low	Low	Low	Low	No
Note	Note	Test / Note	Note	Note

Sec. III

A. 1986 quantity generated (Instructions Page 20)	B. 1987 quantity generated (Page 20)	C. UOM (Page 21)	D. Density (Page 21)	E. Waste origin (Page 21)
2 1 . 0 2 7	6 9 8 . 5	K	DK	Code: A
			lbs/gal ☐ kg	On-site T/S/D/R code: S 0 1

F. On-site T/S/D/R code (Page 21): N/A

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instructions Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
N/A	N/A	N/A	N/A	N/A

Comments:

BEFORE COPYING FORM, ATTACH SITE IDE[illegible]ICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI PR 00701

EPA ID NO. P R D 0 9 0 5 8 4 1 5 2

FORM **GM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site and shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I A. Waste description Instruction Page 12: ISOPROPANOL SOLUTION (37% IPA, 0.67 H2O. 62.33 WATER) IGNITABLE

B. EPA hazardous waste code Page 12: D001

C. State hazardous waste code Page 13:

D. SIC code Page 13: 2834

E. Source code Page 13: 110

F. Waste form code Page 13: H151

G. Waste minimization results Page 13: B

Sec. II

A. Organics Instruction Page 14: High J; Low; Test; Note

B. Water Page 15: High 0; Low; Note

C. Total Solids Page 15: High F; Low; Note

D. Suspended Solids Page 15: High DK; Low; Note

E. BTU Page 16: DK; High; Low; UOM; Note

F. Toxic Metals Page 16: N/A; Note; Metal; High; Low

1.
2.
3.
4.
5.
6.

G. pH Page 16: N/A; High; Low; Note

H. Flashpoint Page 16: High 86 °F; Low °F; Note

I. Cyanides Page 19: N/A; High; Low; Test; Note

J. Halogens Page 20: N/A; High; Low; Note

K. Radioactive Page 20: ☐ Yes ☐ No ☒ N/A; Note

Sec. III

A. 1986 quantity generated Instruction Page 20: 1,556.5

B. 1987 quantity generated Page 20: 493

C. UOM Page 21: K

D. Density Page 21: DK; ☐ lbs/gal ☐ kg

E. Waste origin Page 21: Code A; Source Code S01; T/S/D/R code

F. On-site T/S/D/R code Page 21: N/A

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped Instruction Page 22: N/A

B. Number of shipments Page 22: N/A

C. Transport mode Page 23: N/A

D. Off-site T/S/D/R code Page 23: N/A

E. Total Quantity shipped Page 23: N/A

Comments:

2-3-92 (4)

BEFORE COPYING FORM, ATTACH SITE IDE[illegible]TICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI PR 00701

EPA ID NO. P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is unknown or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): ACETONE DISTILLATION BOTTOMS (ACETONE 32.4%, METHANOL 5.5% WASTE FLAMMABLE LIQUID WATER 11.2% ORG. RESIDUE 61%

B. EPA hazardous waste code (Page 12): F 0 0 3

C. State hazardous waste code (Page 12):

D. SIC code (Page 13): 2 8 3 4

E. Source code (Page 13): 1 0

F. Waste form code (Page 13): W 1 5 1

G. Waste minimization code (Page 13): R

Sec. II

A. Organics (Page 14)	B. Water (Page 15)	C. Total Solids (Page 15)	D. Suspended Solids (Page 15)	E. BTU (Page 16)	F. Toxic Metals (Page 16)
High: J	High: M	High: F	High: DK	High: DK	Metal / High / Low
Low:	Low:	Low:	Low:	Low:	1. 2. 3. 4. 5. 6.
Test: F Note:	Note:	Note:	Note:	UOM: Note:	

G. pH (Page 16)	H. Flashpoint (Page 16)	I. Cyanides (Page 16)	J. Halogens (Page 20)	K. Radioactive (Page 20)
N/A	8 0 6 °F	N/A	N/A	N/A
High:	High:	High:	High:	Yes: ☐
Low:	Low:	Low:	Low:	No: ☐
Note:	Note:	Test: Note:	Note:	Note:

Sec. III

A. 1988 quantity generated (Instruction Page 20): 8 4 5 . 5

B. 1987 quantity generated (Page 20): 1 , 0 0 9

C. UOM (Page 21): K

D. Density (Page 21): DK ☐ lbs/gal ☐ kg

E. Waste origin (Page 21): Code A; On-site T/S/D/R code: S 0 1

F. On-site T/S/D/R code (Page 21): N/A

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Off-site T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
N/A	N/A	N/A	N/A	N/A

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI PR 00701

EPA ID NO.: P R D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or ship hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous W Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on sit shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested i known or is not available; enter "NA" if the information requested is not applicable.

Sec. I A. Waste description (Instruction Page 12): SPENT METHYLENE CHLORIDE AND ALCOHOL FROM PREPARATION OF TABI
COATING SOLUTION (MECL2 29%. ETHANOL 68.1%, METHANOL 2.5%)

B. EPA hazardous waste code (Page 12)	C. State hazardous waste code (Page 13)
F 0 0 2 D 0 0 1	

D. SIC code (Page 13)	E. Source code (Page 13)	F. Waste form code (Page 13)	G. Waste minimization results (Page 13)
2 8 3 4	1 0	H 6 1 2	

Sec. II

A. Ignitable (Instruction Page 14)	B. Water (Page 15)	C. Total Solids (Page 15)	D. Suspended Solids (Page 15)	E. BTU (Page 16)	F. Toxic Metals (Page 16)
High ☐ Low ☐ Test F Mode ☐	High P Low ☐ Mode ☐	High P Low ☐ Mode ☐	DK High ☐ Low ☐ Mode ☐	High 1 8 7 0 0 Low ☐ UOM P Mode ☐	Mode ☐ Metal / High / Low: 1. ☐ ☐ ☐ 2. ☐ ☐ ☐ 3. ☐ ☐ ☐ 4. ☐ ☐ ☐ 5. ☐ ☐ ☐ 6. ☐ ☐ ☐

G. pH (Page 16)	H. Reactivity (Page 16)	I. Cyanides (Page 16)	J. Halogens (Page 16)	K. Radioactive (Page 16)
High 7 5 Low ☐ Mode ☐	High 1 0 0 °F Low ☐ °F Mode ☐	N/A High ☐ Low ☐ Test ☐ Mode ☐	High K Mod M Conc ☐	Yes ☐ No ☐ N/A Mode ☐

Sec. III

A. 1988 quantity generated (Instruction Page 20)	B. 1987 quantity generated (Page 20)	C. UOM (Page 21)	D. Density (Page 21)	E. Waste origin (Page 21)
4 4 7 8 . 0	3 4 5 9 . 4	K	DK . ☐ ☐ lb/gal ☐ kg	Code S 0 T/S/D/R code

F. Onsite T/S/D/R code (Page 21): N/A
1. ☐ 2. ☐ 3. ☐ 4. ☐ 5. ☐ 6. ☐ 7. ☐ 8. ☐

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22)	B. Number of shipments (Page 22)	C. Transport mode (Page 23)	D. Offsite T/S/D/R code (Page 23)	E. Total Quantity shipped (Page 23)
N/A	N/A	N/A	N/A	N/A

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC
P.O. BOX 452
MANATI PR 00701

EPA ID NO.: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description Instruction Page 12: LITHIUM BROMIDE SLUDGE FROM THE CLEANING OF AN ABSORPTION CHILLER (CHROMIUM 175.5PPM. COOPER 2,440PPM, IRON 47.5PPM, LITHIUM 30,000PPM BROMIDE 3,750PPM)

B. EPA hazardous waste code Page 12: D007

C. State hazardous waste code Page 13: 0/c

D. SIC code Page 13: 2834

E. Source code Page 13: 29

F. Waste form code Page 13: H419

G. Waste minimization results Page 13: B

Sec. II

A. Cyanide Instruction Page 14: N/A (High / Low / Test / Note)

B. Water Page 15: DK (High / Low / Note)

C. Total Solids Page 15: DK (High / Low / Note)

D. Suspended Solids Page 15: DK (High / Low / Note)

E. BTU Page 16: N/A (High / Low / UOM / Note)

F. Toxic Metals Page 16: Note ☐

	Metal	High	Low
1.	TC	S	
2.	CV	A	
3.			
4.			
5.			
6.			

G. pH Page 16: N/A (High / Low / Note)

H. Flashpoint Page 16: N/A (High °F / Low °F / Note)

I. Cyanides Page 19: N/A (High / Low / Test / Note)

J. Halogens Page 20: N/A (High / Low / Note)

K. Reflective Page 20: N/A (Yes ☐ / No ☐ / Note)

Sec. III

A. 1986 quantity generated Instruction Page 20: 0

B. 1987 quantity generated Page 20: 2,825

C. UOM Page 21: Y

D. Density Page 21: ☐ lbs/gal ☐ kg

E. Waste origin Page 21: Code ☐ On-site T/S/D/R code: SO

F. On-site T/S/D/R code Page 21: N/A (1. 2. 3. 4. 5. 6. 7. 8.)

Sec. IV

A. EPA ID No. of facility to which waste was shipped Instruction Page 22: N/A

B. Number of shipments Page 22: N/A

C. Transport mode Page 23: N/A

D. Off-site T/S/D/R code Page 23: N/A

E. Total Quantity shipped Page 23: N/A

Comments: E. THIS WASTE WAS GENERATED BY CLEANING OPERATION OF AN ABSORPTI CHILLER. THIS OPERATION IS A NON-ROUTINE TASK SINCE THE CHILLER TO BE CLEANED DUE TO THE FACT THE LITHIUM BROMIDE WAS OFF SPEC's.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC
P.O. BOX 452
MANATI PR 00701

EPA ID NO.: PR D 0 9 0 5 8 4 1 5 2

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or ship hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous W Generation and Management Report Instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on si shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested i known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description Instruction Page 12: METHANOL 8%, H2O 6.7%, 84.5% CRGANIC RESIDUES

B. EPA hazardous waste code Page 12: F003

C. State hazardous waste code Page 13:

D. SIC code Page 13: 2834

E. Source code Page 13: 10

F. Waste form code Page 13: H52

G. Waste minimization results Page 13:

Sec. II

A. Organics Instruction Page 14: G (High / Low / Test / Note)

B. Water Page 15: DK (High / Low / Note)

C. Total Solids Page 15: H (High / Low / Note)

D. Suspended Solids Page 15: DK (High / Low / Note)

E. STU Page 16: DK (High / Low / UOM / Note)

F. Toxic Metals Page 16: N/ (Metal / High / Low)

G. pH Page 16: DK (High / Low / Note)

H. Flashpoint Page 16: 77 °F (High / Low / Note)

I. Cyanides Page 19: N/A (High / Low / Test / Note)

J. Halogens Page 20: N/A (High / Low / Note)

K. Radioactive Page 20: N/A (Yes / No / Note)

Sec. III

A. 1986 quantity generated Instruction Page 20: 0

B. 1987 quantity generated Page 20: 442.5

C. UOM Page 21: [illegible]

D. Density Page 21: DK ☐ lbs/gal ☐ kg

E. Waste origin Page 21: Code S On-site T/S/D/R code

F. On-site T/S/D/R code Page 21: 1. 2. N/A 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped Instruction Page 22: N/A

B. Number of shipments Page 22: N/A

C. Transport mode Page 23: N/A

D. Off-site T/S/D/R code Page 23: N/A

E. Total Quantity shipped Page 23: N/A

Comments: ALTHOUGH THIS WASTE IS GENERATED BY A ROUTINE OPERATION SUCH AS RE CLEANING THE COMPONENTS OF THE WASTE WILL VARY IN ACCORDANCE TO THE PREV CHEMICAL PRODUCTION CAMPAIGN.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI PR 00701

EPA ID NO.: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or ship hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous W Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on si shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested i known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description Instruction Page 12: METHYLENE CHLORIDE AND ALCOHOL FROM THE REGENERATION OF A CARBON ABSORPTION BED (ETHANOL 38.8%, MEOH .4%, MECL2 60.8%, H2O 3.0%)

B. EPA hazardous waste code Page 12: F002 D001

C. State hazardous waste code Page 13:

D. SIC code Page 13: 2834

E. Source code Page 13: 10

F. Waste form code Page 13: H62

G. Waste minimization code Page 13:

Sec. II

A. Organics Instruction Page 14: High D; Low; Test; Note

B. Water Page 15: High P; Low; Note

C. Total Solids Page 15: High S; Low; Note

D. Suspended Solids Page 15: High DK; Low; Note

E. BTU Page 16: High 4,900; Low; UOM P; Note

F. Toxic Metals Page 16: Note; Metal; High; Low; 1.; 2.; 3.; 4.; 5.; 6.

G. pH Page 16: High 5.8; Low; Note

H. Flashpoint Page 16: High 100 °F; Low °F; Note

I. Cyanides Page 16: High N/A; Low; Test; Note

J. Halogens Page 20: High F; Low H; Note

K. Radioactive Page 20: N/A; Yes ☐; No ☐; Note

Sec. III

A. 1989 quantity generated Instruction Page 20: 221

B. 1987 quantity generated Page 20: 6,156.0

C. UOM Page 21: K

D. Density Page 21: DK; ☐ lbs/gal ☐ kg

E. Waste origin Page 21: Code; On-site T/S/D/R code: S0

F. On-site T/S/D/R code Page 21: N/A; 1.; 2.; 3.; 4.; 5.; 6.; 7.; 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped Instruction Page 22: N/A

B. Number of shipments Page 23: N/A

C. Transport mode Page 23: N/A

D. Off-site T/S/D/R code Page 23: N/A

E. Total Quantity shipped Page 23: N/A

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI PR 00701

EPA ID NO.: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipp hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Wa Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on site shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description Instruction Page 12: 99.3% ORGANIC RESIDUE 0.7% TOLUENE

0

B. EPA hazardous waste code Page 12: F005

C. State hazardous waste code Page 13:

D. SIC code Page 13: 2834

E. Source code Page 13: 10

F. Waste form code Page 13: H52

G. Waste minimization results Page 13: B

Sec. II

A. Organics Instruction Page 14: High 0 / Low / Test / Note

B. Water Page 15: DK / High / Low / Note

C. Total Solids Page 15: High A / Low / Note

D. Suspended Solids Page 15: DK / High / Low / Note

E. BTU Page 16: DK / High / Low / UOM / Note

F. Toxic Metals Page 16: Metal / High / Low / Note

G. pH Page 16: DK / High / Low / Note

H. Flashpoint Page 16: DK / High °F / Low °F / Note

I. Cyanides Page 16: N/A / High / Low / Test / Note

J. Halogens Page 20: N/A / High / Low / Note

K. Radioactive Page 20: N/A / Yes ☐ / No ☐ / Note

Sec. III

A. 1986 quantity generated Instruction Page 20: 0

B. 1987 quantity generated Page 20: 62.5

C. UOM Page 21: K

D. Density Page 21: DK ☐ lbs/gal ☐ sg

E. Waste origin Page 21: Code / On-site T/S/D/R code: S01

F. On-site T/S/D/R code Page 21: N/A

1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped Instruction Page 22: N/A

B. Number of shipments Page 22: N/A

C. Transport mode Page 22: N/A

D. Off-site T/S/D/R code Page 22: N/A

E. Total Quantity shipped Page 22: N/A

Comments: ALTHOUGH THIS WASTE IS GENERATED BY A ROUTINE OPERATION SUCH AS REACTOR CLEAN THE COMPONENTS OF THIS WASTE WILL VARY DEPENDING ON THE PREVIOUS CAMPAIGN IN CHEMICAL PRODUCTION AREA.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC
P.O. BOX 452
MANATI PR 00701

EPA ID NO.: PRD090584152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM GM

WASTE GENERATION AND MANAGEMENT

WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or ship hazardous waste off site during 1987.

☐ Mark ☒ if you are not required to complete Form GM.

INSTRUCTIONS: Please read the detailed instructions beginning on page 12 of the 1987 Hazardous W Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste generated on si shipped off site during 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested i known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. Waste description (Instruction Page 12): 601-25% H2O, 4%MEOH, 4%TOLUENE, 67% ORGANIC RESIDUE

B. EPA hazardous waste code (Page 12): F093 F095

C. State hazardous waste code (Page 13):

D. SIC code (Page 13): 2834

E. Source code (Page 13): 10

F. Waste form code (Page 13): H52

G. Waste minimization code (Page 13):

Sec. II

A. Organics (Instruction Page 14): High M; Low; Trace; Note

B. Water (Page 15): High K; Low; Note

C. Total Solids (Page 15): High F; Low; Note

D. Suspended Solids (Page 15): DK; High; Low; Note

E. BTU (Page 16): DK; High; Low; UOM; Note

F. Toxic Metals (Page 16): Note; Metal; High; Low
1.
2.
3.
4.
5.
6.

G. pH (Page 16): DK; High; Low; Note

H. Flashpoint (Page 16): High 74.3 °F; Low °F; Note

I. Cyanides (Page 19): N/A; High; Low; Trace; Note

J. Halogens (Page 20): N/A; High; Low; Note

K. Radioactive (Page 20): Yes; No; N/A; Note

Sec. III

A. 1986 quantity generated (Instruction Page 20): 0

B. 1987 quantity generated (Page 20): 12131.5

C. UOM (Page 21): K

D. Density (Page 21): DK; lbs/gal; kg

E. Waste origin (Page 21): Code; Code: S10; T/S/D/R code

F. On-site T/S/D/R code (Page 21): N/A
1. 2. 3. 4. 5. 6. 7. 8.

Sec. IV

A. EPA ID No. of facility to which waste was shipped (Instruction Page 22): N/A

B. Number of shipments (Page 22): N/A

C. Transport mode (Page 23): N/A

D. Off-site T/S/D/R code (Page 23): N/A

E. Total Quantity shipped (Page 23): N/A

Comments: ALTHOUGH THIS WASTE IS GENERATED BY A ROUTINE OPERATION SUCH AS REACTOR CLEA THE COMPONENTS OF THE WASTE WILL VARY DEPENDING ON THE PREVIOUS CAMPAIGN IN CHEMICAL PRODUCTION AREA.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME _____

_____

EPA ID NO. |_|_|_|_|_|_|_|_|_|_|_|_|

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM WM

WASTE MINIMIZATION

PART II

WHO MUST COMPLETE THIS FORM? Form WM Part II must be completed only by generators that engaged in an activity during 1987 that resulted in waste minimization.

Waste minimization means:
(1) reduction in the volume and/or toxicity of hazardous waste generated as a result of source reduction; and/or,
(2) reduction in the volume and/or toxicity of hazardous waste subsequently treated, stored, or disposed as a result of on-site or off-site recycling.

[X] Mark ☒ and do not complete this form if no waste minimization results were achieved during 1987.

INSTRUCTIONS: Please read the detailed instructions beginning on page 30 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Make and complete a photocopy of this form for each hazardous waste minimized in 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. EPA hazardous waste code Instruction Page 31	B. State hazardous waste code Page 31	C. Product or service description Page 31	D. Product or service SIC code Page 31
|_|_|_|_|_|_|	|_|_|_|_|_|_|		|_|_|_|_|

E. Waste form code Page 31	F. UOM Page 32	G. Density Page 32	H. Source description: Page 32	I. Source code Page 32
|_|_|	|_|	|_|_|.|_|_| ☐ lbs/gal ☐ sg		|_|_|

Sec. II

A. 1986 quantity generated Instruction Page 33	B. 1987 quantity generated Page 33	C. Production ratio Page 33	D. Toxicity change code Page 35
|_|_|_|_|_|_|_|_|_|	|_|_|_|_|_|_|_|_|_|	|_|_|.|_|_|	|_|

E. Waste minimization: recycling Page 35		F. Waste minimization: source reduction Page 35	
Code	Quantity recycled	Code	Quantity prevented
1. |_| 2. |_|	|_|_|_|_|_|_|_|_|_|	1. |_| 2. |_| 3. |_|	|_|_|_|_|_|_|_|_|_|

Sec. III

A. Narrative description of waste minimization project or activity and results achieved Instruction Page 43

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME _____

_____

EPA ID NO. |_|_|_|_|_|_|_|_|_|_|_|_|

U.S ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM

OI

OFF-SITE IDENTIFICATION

WHO MUST COMPLETE THIS FORM?

Form OI must be completed by every site that shipped hazardous waste off site and every site that received hazardous waste from off site during 1987.

[X] Mark [X] if you are not required to complete Form OI.

INSTRUCTIONS:

Please read the detailed instructions beginning on page 27 of the 1987 Hazardous Waste Generation and Management Report instructions booklet before completing this form.

Complete A through E for each off-site installation to which you shipped waste or from which you received waste during 1987.

Complete A through D for every transporter you used during the reporting year.

Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable. Make and complete additional copies of this form if you need to identify more than four off-site installations or transporters.

Site 1

A. EPA ID No. of off-site installation or transporter Instruction page 27 |_|_|_|_|_|_|_|_|_|_|_|_|

B. Name of off-site installation or transporter Page 27

C. Site type code Page 28 |_|

D. Site relationship code Page 28 |_|

E. Address of off-site installation Page 28

Street _____

City _____ State |_|_| Zip Code |_|_|_|_|-|_|_|_|

Site 2

A. EPA ID No. of off-site installation or transporter Instruction page 27 |_|_|_|_|_|_|_|_|_|_|_|_|

B. Name of off-site installation or transporter Page 27

C. Site type code Page 28 |_|

D. Site relationship code Page 28 |_|

E. Address of off-site installation Page 28

Street _____

City _____ State |_|_| Zip Code |_|_|_|_|-|_|_|_|

Site 3

A. EPA ID No. of off-site installation or transporter Instruction page 27 |_|_|_|_|_|_|_|_|_|_|_|_|

B. Name of off-site installation or transporter Page 27

C. Site type code Page 28 |_|

D. Site relationship code Page 28 |_|

E. Address of off-site installation Page 28

Street _____

City _____ State |_|_| Zip Code |_|_|_|_|-|_|_|_|

Site 4

A. EPA ID No. of off-site installation or transporter Instruction page 27 |_|_|_|_|_|_|_|_|_|_|_|_|

B. Name of off-site installation or transporter Page 27

C. Site type code Page 28 |_|

D. Site relationship code Page 28 |_|

E. Address of off-site installation Page 28

Street _____

City _____ State |_|_| Zip Code |_|_|_|_|-|_|_|_|

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME _____

_____

EPA ID NO. |_|_|_|_|_|_|_|_|_|_|_|_|

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

FORM WR

WASTE RECEIVED FROM OFF SITE

WHO MUST COMPLETE THIS FORM? Form WR must be completed by every site that received hazardous waste from an off-site source during 1987.

[X] Mark [X] if you are not required to complete Form WR.

INSTRUCTIONS: Please read the detailed instructions beginning on page 24 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form.

Photocopy and complete additional copies of this form if your site received more than two hazardous wastes from off site during 1987.

For each waste, complete boxes A through J. Throughout this form enter "DK" if the information requested is not known or not available; enter "NA" if the information is not applicable.

Waste 1

A. Description of hazardous waste — Instruction Page 24

B. EPA hazardous waste code — Page 24 |_|_|_| |_|_|_| |_|_|_| |_|_|_|

C. State hazardous waste code — Page 25 |_|_|_|_|_|_| |_|_|_|_|_|_|

D. Off-site source EPA ID No. — Page 25 |_|_|_|_|_|_|_|_|_|_|_|_|

E. 1987 Quantity received — Page 25 |_|_|_|_|_|_|_|_|

F. UOM — Page 25 |_|

G. Density — Page 25 |_|_|.|_|_| ☐ lbs/gal ☐ sg

H. Waste form code — Page 25 |_|_|

I. Number of shipments — Page 25 |_|_|

J. On-site T/S/D/R code — Page 26 1 |_|_| 2 |_|_| 3 |_|_| 4 |_|_| 5 |_|_| 6 |_|_| 7 |_|_| 8 |_|_|

Waste 2

A. Description of hazardous waste — Instruction Page 24

B. EPA hazardous waste code — Page 24 |_|_|_| |_|_|_| |_|_|_| |_|_|_|

C. State hazardous waste code — Page 25 |_|_|_|_|_|_| |_|_|_|_|_|_|

D. Off-site source EPA ID No. — Page 25 ☐ Same as above — Mark [X] if same as in Waste 1 — or-> |_|_|_|_|_|_|_|_|_|_|_|_|

E. 1987 Quantity received — Page 25 |_|_|_|_|_|_|_|_|

F. UOM — Page 25 |_|

G. Density — Page 25 |_|_|.|_|_| ☐ lbs/gal ☐ sg

H. Waste form code — Page 25 |_|_|

I. Number of shipments — Page 25 |_|_|

J. On-site T/S/D/R code — Page 26 1 |_|_| 2 |_|_| 3 |_|_| 4 |_|_| 5 |_|_| 6 |_|_| 7 |_|_| 8 |_|_|

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: ROCHE PRODUCTS INC.
P.O. BOX 452
MANATI PR. 00701

EPA ID NO. P R D 0 9 0 5 8 4 1 5 2

FORM **WM**

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Generation and Management Report

WASTE MINIMIZATION

PART I

WHO MUST COMPLETE THIS FORM? Form WM Part I, describing efforts undertaken to implement waste minimization programs, mus be completed by all generators required to file an Annual/Biennial Report. This requirement wa established in response to statutory provisions included in the Hazardous and Solid Waste Amendments of 1984 (HSWA).

NOTE: Generators shipping hazardous waste off site are required to certify, on item 16 of th Uniform Hazardous Waste Manifest, that they have a program in place to reduce, to the degre determined economically practicable, the volume and toxicity of hazardous waste generated. A similar certification must also be made by generators who have obtained a RCRA treatment storage, or disposal permit. Consistent with these certification requirements, generators mus report, on Form WM Part I, the efforts undertaken to implement waste minimization programs.

INSTRUCTIONS: Please read the detailed instructions on page 29 of the 1987 Hazardous Waste Generation an Management Report Instructions booklet before completing this form.

Answer questions 1 through 10. Throughout this form enter "DK" if the information requested is nc known or is not available; enter "NA" if the information requested is not applicable.

1. Did this site create or expand a source reduction and recycling program?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Create	☐	X	☐	X	X	☐
Expand	☐	X	☐	X	X	☐

2. Did this site have a written policy or statement that outlined goals, objectives and methods for source reduction and recycling of hazardous waste?

	1987	1986	Prior Years
Yes	☐	☐	X
No	X	X	☐

3. What was the dollar amount of capital expenditures (plant and equipment) and operating costs devoted to source reduction and recycling of hazardous waste? ENTER ZERO (0) IF NONE.

	1987	1986	Prior Years
Capital expenditures	$ 0	$ 0	$ 83,935.00
Operating costs	$ 9,500.00	$ 17,121.00	$ 41,600

4. Did this site have an employee training program or provide incentives (bonuses, awards, personal recognition, etc.) to identify and implement source reduction and recycling opportunities and activities?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Training	X	☐	X	☐	X	☐
Incentives	☐	X	☐	X	☐	X

5. Did this site conduct a source reduction and/or recycling opportunity assessment or audit? Note: an opportunity assessment or audit is a procedure that identifies practices that can be implemented to reduce the generation of hazardous waste or the quantity which must subsequently be treated, stored or disposed.

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Site-Wide	☐	☒	☐	☒	☐	☒
Process-Specific	☐	☐	☐	☐	☐	☐

6. Did this site identify or implement new SOURCE REDUCTION opportunities to reduce the volume and/or toxicity of hazardous waste generated at this site?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Identify	☒	☐	☐	☒	☒	☐
Implement	☐	☒	☐	☒	☒	☐

7. What factors have delayed or prevented implementation of SOURCE REDUCTION opportunities. MARK ☒ NEXT TO ALL THAT APPLY.

- ☐ a. Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☐ b. Lack of technical information on source reduction techniques, applicable to my specific production processes.
- ☐ c. Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☐ d. Concern that product quality may decline as a result of source reduction.
- ☐ e. Technical limitations of the production processes.
- ☐ f. Permitting burdens.
- ☒ g. Other (SPECIFY) A DECREASE IN THE PRODUCTION DEMANDS, HAS CONSEQUENTLY MINIMIZED WASTE GENERATION.

8. Did this site identify or implement new RECYCLING opportunities to reduce the volume and/or toxicity of hazardous waste generated at this site or subsequently treated, stored, or disposed of on site or off site?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Identify	☒	☐	☐	☒	☒	☐
Implement	☐	☒	☐	☒	☒	☐

EPA ID NO. |_|_|_|_|_|_|_|_|_|_|_|_|

9. What factors have delayed or prevented implementation of on-site or off-site RECYCLING opportunities. MARK [X] NEXT TO ALL THAT APPLY.

- [ ] a. Insufficient capital to install new recycling equipment or implement new recycling practices.
- [ ] b. Lack of technical information on recycling techniques applicable to this site's specific production processes.
- [ ] c. Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- [ ] d. Concern that product quality may decline as a result of recycling.
- [ ] e. Requirements to manifest wastes inhibit shipments off site for recycling.
- [ ] f. Financial liability provisions inhibit shipments off site for recycling.
- [ ] g. Technical limitations of product processes inhibit shipments off site for recycling.
- [ ] h. Technical limitations of production processes inhibit on-site recycling.
- [ ] i. Permitting burdens inhibit recycling.
- [ ] j. Lack of permitted off-site recycling facilities.
- [ ] k. Unable to identify a market for recyclable materials.
- [X] l. Other (SPECIFY) A DECREASE IN THE PRODUCTION DEMANDS HAVE CONSEQUENTLY REDUC THE WASTE QUANTITIES GENERATED.

10. Has this site requested or received technical information or financial assistance on source reduction and/or recycling practices from any of the following sources? MARK [X] NEXT TO ALL THAT APPLY.

	1987		1986		Prior Years	
	Technical	Financial	Technical	Financial	Technical	Financia
a. Local government	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
b. State government	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
c. Federal government	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
d. Trade associations	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
e. Educational institutions	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
f. Suppliers	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
g. Other parts of your firm	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
h. Other firms/consultants	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
i. No request made	[X]	[X]	[X]	[X]	[X]	[X]
j. Other (conferences, literature, etc.)_____	[X]	[X]	[X]	[X]	[X]	[X]

Comments:

ENVIRONMENTAL PROTECTION AGENCY

FACILITY BI. INIAL HAZARDOUS WASTE R. PORT FOR 1985

This report is for the calendar year ending December 31, 1985 - 1987

Read All Instructions Carefully Before Making Any Entries on Form

Tear out here

I. NON-REGULATED STATUS

See instructions before completing this section.

This facility did not treat, store, or dispose of regulated quantities of hazardous waste at any time during 1985. . . . . ☐

Explain your non-regulated status in the space below.

II. FACILITY EPA I.D. NUMBER

T/A C

1 2 | F | P | R | D | 0 | 9 | 0 | 5 | 8 | 4 | 1 | 5 | 2 | 13 14 15 | 1 |

This Facility's Non-Regulated Status is Expected to Apply:

☐ For 1985 Only ☐ Permanently

☐ Other_____

GEOLOGY (OFFICIAL USE ONLY) ☐

III. NAME OF FACILITY

30 | R | O | C H E | P | R | O D | U C T S | I N C | 69

IV. FACILITY MAILING ADDRESS

15 16 | P O B O X 4 5 2 | 45

Street or P.O. Box

15 16 | M A N A T I | 41 42 | P R | 47 | 0 0 7 0 1 | 51

City or Town — State — Zip Code

V. LOCATION OF FACILITY (if different than section IV above)

15 16 | S T A T E R D # 6 7 0 . K M 2 . 7 | 45

Street or Route number

15 16 | M A N A T I | 41 42 | P R | 47 | 0 0 7 0 1 | 51

City or Town — State — Zip Code

VI. FACILITY CONTACT

15 16 | G A R C I A S A N C H E Z . J O S E | 45

Name (last and first)

46 | 8 0 9 - 8 5 4 - 3 0 2 0 | 55

Phone No. (area code & no.)

VII. COST ESTIMATES FOR FACILITIES

A. Cost Estimate for Facility Closure: $ 16 | 2 1 0 | 19 | 5 1 9 9 | 22 | 9 2 0 |

B. Cost Estimate for Post Closure Monitoring and Maintenance (disposal facilities only): $ 25 | | 28 | | 31 |

VIII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

LEWIS LESNIAK/CHEMICAL OPER. DIRECTOR. — Print Type Name — Title

Signature of Authorized Representative — Date Signed

ENVIRONMENTAL PROTECTION AGENCY

Facility Biennial Hazardous Waste Report for 1985 (cont.)

This report is for the calendar year ending December 31, 1985

IX. FACILITY'S EPA I.D. NO. T/A C

P R D 0 9 0 8 4 1 5 2 (1 2 … 13 14 15)

X. GENERATOR'S EPA I.D. NO.

(16 … 28)

XI. GENERATOR NAME (specify generator from whom all wastes on this page were received)

ON-SITE ☐

XII. GENERATOR ADDRESS

XIII. TOTAL WASTE IN STORAGE ON DECEMBER 31, 1985 (complete this section only once for your facility)

S01 3.369.9 (AMOUNT OF WASTE) M (UOM) S02 13.557 (AMOUNT OF WASTE) M (UOM) S03 (AMOUNT OF WASTE) (UOM)

S04 (AMOUNT OF WASTE) (UOM) S05 (AMOUNT OF WASTE) (UOM)

XIV. WASTE IDENTIFICATION AND MANAGEMENT

Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)		C. Handling Method	D. Amount of Waste	E. Unit of Measure
1	DISTILLED ACETIC ACID	D001		S01	8.0744	M
2	DISTILLED ACETIC ACID	D001		S02	7.1050	M
3	ACETONE DISTILLATION BOTTOMS	F003		S01	1.9325	M
4	ACETONE DISTILLATION BOTTOMS	F003		S02	0.5775	M
5	METHANOL/& ORG. RESIDUE	F003		S01	5.0150	M
6	METHANOL/& ORG. RESIDUE	F003		S02	2.7775	M
7	ETHANOL & ORG. RESIDUE	D001	F003	S01	1.5925	M
8	ETHANOL & ORG. RESIDUE	D001		S01	0.1820	M
9	TOLUENE /& ORG. RESIDUE	F005		S01	0.3835	M
10	TOLUENE /& ORG. RESIDUE	F005		S02	2.8135	M
11	SOLVENT SOL./ORG. RESIDUE	D001		S01	1.9520	M
12	SOLVENT SOL./ORG. RESIDUE	D001		S02	0.2835	M

XV. COMMENTS (enter information by section number—see instructions)

Tear out here

ENVIRONMENTAL PROTECTION AGENCY

Facility Biennial Hazardous Waste Report for 1985 (cont.)

This report is for the calendar year ending December 31, 1985

Tear out here

IX. FACILITY'S EPA I.D. NO.

T/A C

P R D 0 9 0 5 8 4 1 5 2

1 2 13 14 15

X. GENERATOR'S EPA I.D. NO.

16 28

XI. GENERATOR NAME (specify generator from whom all wastes on this page were received)

ON-SITE ☐

XII. GENERATOR ADDRESS

XIII. TOTAL WASTE IN STORAGE ON DECEMBER 31, 1985 (complete this section only once for your facility)

S01 AMOUNT OF WASTE UOM S02 AMOUNT OF WASTE UOM S03 AMOUNT OF WASTE UOM

S04 AMOUNT OF WASTE UOM S05 AMOUNT OF WASTE UOM

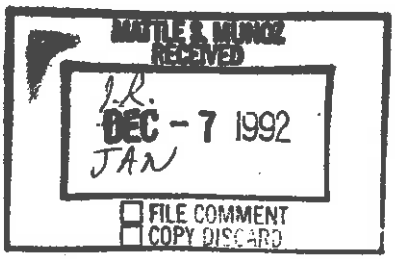
XIV. WASTE IDENTIFICATION AND MANAGEMENT

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	E. Unit of Measure
	1	CORROSIVE SPENT LAB.	D001 D007 D009 D011 (33 36 37 40 41 44 45 48)	(49 51)	(52 60)	(61)
	2	REAGENT SULFURIC ACID				
	3	SILVER MERCURY/CHROMATES		S01	1.1130	M
	4	SPENT METHYLENE CHLORIDE AND ALCOHOL	F002 D001	S01	8.5149	M
	5	SPENT METHYLENE CHLORIDE AND ALCOHOL	F002	S01	2.1105	M
	6	LITHIUM BROMIDE SLUDGE	D007	S01	2.8215	M
	7					
	8					
	9					
	10					
	11					
	12					

XV. COMMENTS (enter information by section number—see instructions)

NOTE: LINE 1 THROUGH 3 ARE ALL DESCRIPTIONS OF ONE (1) WASTE.

TRI FACILITY ID: 00701RCHPRSTATE



ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00701

Dear Toxic Release Inventory (EPA Form R) Reporter:

Attached is a report, produced by EPA, which lists the chemical identities and corresponding release values for the Form R's EPA received from the facility listed above for Toxic Release Inventory (TRI) Reporting Year 1990 (RY90).

It is EPA's intention to represent all data reported by your facility as accurately as possible. In order to do this, EPA has implemented a variety of quality control procedures. We believe our data entry is of good quality. However, as a final quality control measure, we ask that you verify the critical release value information listed on this report against your Form R files. If you find any data entry errors, please let us know by following these simple instructions:

- On the attached report, use a red pen to mark through the erroneous value, and write the corrected value next to it.

- Return the corrected report to:

  The EPCRA Reporting Center
  P.O. Box 23779
  Washington, DC 20026-3779
  Attn: TRI 100%

We request that you do this within 21 calendar days of receipt, so that we may correct your data before we make it publicly available in the Spring, 1992. If you do not find any errors in this report, no response is necessary.

Please DO NOT use this report to make changes to release values or any other data which you reported incorrectly. Those changes should be submitted to EPA by making a photocopy of your Form R, writing 'REVISION' in red ink in the space labeled 'For Your Optional Use Only' on page one of the form, marking through the original data and writing in the revised data in red ink. The certification signature block on the revised form must contain an original signature. Mark through the photocopied signature and re-sign the revised form. Return the revised form to the address above. The attention line on the envelope should read: 'Attn: RY90 Revision'.

Please keep these facts in mind when reviewing the accuracy and completeness of this report:

1) The report lists only those Form R's which have passed our internal data quality checks. If one or more forms submitted by your facility is not listed here, you will be receiving additional correspondence from us soon.

2) The data represented here may not reflect any voluntary revisions submitted by your facility, if those revisions were not processed by the time we produced this report.

3) We have applied certain naming conventions to the way in which your facility's name is represented. For example, we always list the main company name first, followed by the division name. In addition, we use standard abbreviations for certain words such as Corporation (Corp.) and Highway (Hwy.). Please correct this information only if the actual data is incorrect.

If you have any questions about the information on this report, please call the EPCRA Reporting Center:

202-488-1501

Let the receptionist know that you are calling about the 'TRI 100% Industry Review'. The receptionist will connect you with a person who can answer your questions.

Thank you for your efforts in helping us to make Toxic Release Inventory data as accurate as possible.

Steven D. Newburg-Rinn

Steven D. Newburg-Rinn, Chief
Public Data Branch
Information Management Division
Office of Toxic Substances
Office of Pesticides and Toxic Substances
U.S. Environmental Protection Agency

TRI FACILITY ID: 00701RCHPRSTATE

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00701

R E L E A S E V A L U E R E P O R T

DOCUMENT CONTROL # (FOR EPA REFERENCE)	CHEMICAL	CAS NUMBER	RELEASE ESTIMATES IN POUNDS	
13-90-04564400-8-PR	ACETONE	000067-64-1	FUG. AIR	4,650
			STACK AIR	10,742
			WATER A	NA
			U. INJ.	NA
			LAND FILL	NA
			LAND TREAT	NA
			LAND SURF.	NA
			LAND OTHER	NA
			POTW 1	2,648
			OFF SITE 1	12,312
13-90-04564401-0-PR	SULFURIC ACID	007664-93-9	FUG. AIR	11 - 499
			STACK AIR	1 - 10
			WATER A	NA
			U. INJ.	NA
			LAND FILL	NA
			LAND TREAT	NA
			LAND SURF.	NA
			LAND OTHER	NA
			POTW 1	NA
			OFF SITE 1	NA
13-90-04564402-2-PR	AMMONIA	007664-41-7	FUG. AIR	1 - 10
			STACK AIR	11 - 499
			WATER A	NA
			U. INJ.	NA
			LAND FILL	NA
			LAND TREAT	NA
			LAND SURF.	NA
			LAND OTHER	NA
			POTW 1	NA
			OFF SITE 1	NA
13-90-04564403-4-PR	TOLUENE	000108-88-3	FUG. AIR	3,825
			STACK AIR	11 - 499
			WATER A	NA
			U. INJ.	NA
			LAND FILL	NA
			LAND TREAT	NA
			LAND SURF.	NA
			LAND OTHER	NA
			POTW 1	11 - 499
			OFF SITE 1	165,071
13-90-04564404-6-PR	METHANOL	000067-56-1	FUG. AIR	9,940
			STACK AIR	11 - 499
			WATER A	NA
			U. INJ.	NA

TRI FACILITY ID: 00701RCHPRSTATE

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00701

R E L E A S E V A L U E R E P O R T

DOCUMENT CONTROL # (FOR EPA REFERENCE)	CHEMICAL	CAS NUMBER	RELEASE ESTIMATES IN POUNDS	
13-90-04564404-6-PR	METHANOL	000067-56-1	LAND FILL	NA
			LAND TREAT	NA
			LAND SURF.	NA
			LAND OTHER	NA
			POTW 1	7,559
			OFF SITE 1	15,508
13-90-04564405-9-PR	DICHLOROMETHANE	000075-09-2	FUG. AIR	4,914
			STACK AIR	13,608
			WATER A	NA
			U. INJ.	NA
			LAND FILL	NA
			LAND TREAT	NA
			LAND SURF.	NA
			LAND OTHER	NA
			POTW 1	11 - 499
			OFF SITE 1	2,305
13-90-04564406-1-PR	METHYL ETHYL KETONE	000078-93-3	FUG. AIR	500 - 999
			STACK AIR	11 - 499
			WATER A	NA
			U. INJ.	NA
			LAND FILL	NA
			LAND TREAT	NA
			LAND SURF.	NA
			LAND OTHER	NA
			POTW 1	11 - 499
			OFF SITE 1	11,537

AMMONIUM HYDROXIDE — Identification

CAS #: 1336216 DOT #: NA2672 Master #: 118

State Identification #: 0103

RTECS ID Number: BQ9625000

Chemical Type: Pure Molecular Weight: 35.06

Density (gm/cc): 0.90000

Chemical Formula: NH4OH

AMMONIUM HYDROXIDE, 26% (Solution) — Synonyms

Synonyms: AMMONIA SOLUTION
AMMONIA WATER
AMMONIUM HYDRATE
AQUA AMMONIA
AQUA AMMONIUM
NH4OH

10,000 lb Reporting Threshold

Report as: Ammonium Hydroxide (Solution)

Acute Health Hazard

AMMONIUM HYDROXIDE — Environmental Status

Reportable Quantity (Pounds): 1000

Emergency Response Guide Number: 60

SARA Hazard Classification

Acute Health Hazard

JUAN CORCHADO
ERA
RECEIVED
FEB 27 1990
☐ FILE
☐ PLEASE COMMENT
☐ DISCARD
☐ COPY TO

CHLORINE — Identification

CAS #: 7782505 DOT #: UN1017 Master #: 456

State Identification #: 0367

RTECS ID Number: FO2100000

Chemical Type: Pure Molecular Weight: 70.90

Density (gm/cc): 6.86400

Chemical Formula: Cl2

TPQ = 100 #

CHLORINE — Environmental Status

Threshold Planning Quantity (Pounds): 100 (Reporting Threshold)

Reportable Quantity (Pounds): 10

Emergency Response Guide Number: 20

SARA Hazard Classification

Acute Health Hazard
Fire Hazard
Sudden Release of Pressure Hazard
Reactivity Hazard

DIMETHYL SULFATE — Identification

CAS #: 77781 DOT #: UN1595 Master #: 824

State Identification #: 0768

RTECS ID Number: WS8225000

Chemical Type: Pure Molecular Weight: 126.14

Density (gm/cc): 1.33200

Chemical Formula: CH3OSO2OCH3

DIMETHYL SULFATE — Environmental Status

Threshold Planning Quantity (Pounds): 500 (Reporting Threshold)

Reportable Quantity (Pounds): 1

Emergency Response Guide Number: 57

SARA Hazard Classification

Acute Health Hazard
Chronic Health Hazard
Fire Hazard

ETHYL ALCOHOL — Identification

CAS #: 64175 DOT #: UN1170 Master #: 974

State Identification #: 0844

RTECS ID Number: KQ6300000

Chemical Type: Pure Molecular Weight: 46.08

Density (gm/cc): 0.78900

Chemical Formula: CH3CH2OH

ETHYL ALCOHOL — Synonyms

— Reporting Name

Synonyms:
ABSOLUTE ALCOHOL
ANHYDROUS ALCOHOL
COLOGNE SPIRITS
DEHYDRATED ALCOHOL
ETHANOL
ETHANOL 200 PROOF
ETHYL ALCOHOL 200 PROOF
ETHYL ALCOHOL, ABSOLUTE
ETHYL ALCOHOL, ANHYDROUS
GRAIN ALCOHOL

10,000 # Reporting Threshold

ETHYL ALCOHOL — Environmental Status

Emergency Response Guide Number: 26

SARA Hazard Classification

Acute Health Hazard
Chronic Health Hazard
Fire Hazard

HYDROGEN CHLORIDE

Identification

CAS #: 7647010 DOT #: UN1050 Master #: 1206

State Identification #: 2909

RTECS ID Number: MW4025000

Chemical Type: Pure Molecular Weight: 36.46

Density (gm/cc): 0.00164

Chemical Formula: HCl

HYDROGEN CHLORIDE

Synonyms

Synonyms: ANHYDROUS HYDROCHLORIC ACID
HCL GAS
HYDROCHLORIC ACID, ANHYDROUS

HYDROGEN CHLORIDE

Environmental Status

Threshold Planning Quantity (Pounds): 500 (Reporting Threshold)

Reportable Quantity (Pounds): 1

Emergency Response Guide Number: 15

SARA Hazard Classification

Acute Health Hazard
Sudden Release of Pressure Hazard

METHYLAMINE — Reporting Name — Identification

CAS #: 74895 DOT #: UN1061 Master #: 1522

State Identification #: 1225

RTECS ID Number: PF6300000

Chemical Type: Pure Molecular Weight: 31.07

Chemical Formula: CH_3NH_2

METHYLAMINE — Synonyms

Reporting threshold

Synonyms: AMINOMETHANE
METHANAMINE
MONOMETHYLAMINE (gas)

10,000 #

METHYLAMINE — Environmental Status

Reportable Quantity (Pounds): 100

SARA Hazard Classification

Acute Health Hazard
Fire Hazard
Sudden Release of Pressure Hazard

POTASSIUM HYDROXIDE — Identification

CAS #: 1310583 DOT #: UN1813 Master #: 1846

State Identification #: 1571

RTECS ID Number: TT2100000

Chemical Type: Pure Molecular Weight: 56.11

Density (gm/cc): 2.04400

Chemical Formula: KOH

10,000 # Reporting Threshold

POTASSIUM HYDROXIDE — Synonyms

Synonyms: CAUSTIC POTASH
POTASSA
POTASSIUM HYDRATE

POTASSIUM HYDROXIDE — Environmental Status

Reportable Quantity (Pounds): 1000

SARA Hazard Classification

Acute Health Hazard
Chronic Health Hazard

XYLENE, MIXED ISOMERS — Identification

CAS #: 1330207 DOT #: UN1307 Master #: 2371

State Identification #: 2014

RTECS ID Number: ZE2100000

Chemical Type: Pure Molecular Weight: 106.18

Density (gm/cc): 0.90000

Chemical Formula: C6H4(CH3)2

XYLENE, MIXED ISOMERS — Synonyms

Reporting threshold

10,000 #

Synonyms: DIMETHYL BENZENE
DIMETHYLBENZENE
XYLENE
XYLENE, ALL ISOMERS
O,M,P-XYLENE
XYLENE, O,M,P-ISOMERS
XYLENES
XYLOL

O- Xylene
Orthoxylene
CAS # 95-47-6

XYLENE, MIXED ISOMERS — Environmental Status

Reportable Quantity (Pounds): 1000

SARA Hazard Classification

Acute Health Hazard
Chronic Health Hazard
Fire Hazard

M E M O R A N D U M

TO : Ms. Mattie S. Muñoz

FROM : Tomás Alvarado

DATE : September 10, 1990

SUBJECT: **BARCELONETA LANDFILL (SUPERFUND)**

The attached documents were handled by me when EPA requested information about our wastes being sent to the Barceloneta Landfill. They mentioned in the questionnaire the dates they were looking for the "study". Seems that at the point, they knew about the contamination of the landfill.

On the other hand I recently had a telephone conversation with Mr. Víctor Matta from EQB and I inquired about the closing date of the landfill and opening of the new one but could not get a definite answer. He gave me the name of Mr. Lizandro Reyes from the Municipality to try to get more specific information about the dates of closure or inactivation of the old landfill.

TAP/ds

c: Mr. E. A. MacMullan
Mr. E. Muñiz
Mr. L. A. Lesniak

P.S. Please send me copy of EPA's recent request.

MATTIE MUÑOZ
REGULATORY AFFAIRS DEPT
RECEIVED
SEP 12 1990
FILE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

27 JUL 1983

CERTIFIED MAIL—
RETURN RECEIPT REQUESTED

Roche Products, Inc.
Int. Carr. #686 y 670
Manati, Puerto Rico 00701

Re: Barceloneta Landfill, Barceloneta, Puerto Rico
Request for Information Under 42 U.S.C. §9604
and 42 U.S.C. §6927

Dear Sir:

The United States Environmental Protection Agency ("EPA") is charged with responding to the release or threatened release of hazardous substances and with enforcement responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act ("CERCLA"), 42 U.S.C. §9601 et seq. EPA also regulates the handling of hazardous waste under the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. §6901 et seq.

Section 104(e)(1) of CERCLA, 42 U.S.C. §9604(e)(1), allows EPA to request certain information from parties who handle hazardous substances as that term is defined at Section 101(14) of CERCLA, 42 U.S.C. §9601(14). Section 3007 of RCRA, 42 U.S.C. §6927, allows EPA to request certain information from parties who handle hazardous waste as that term is defined at Section 1004 of RCRA, 42 U.S.C. §6904. Pursuant to the provisions of those Sections, we hereby require that your company answer the questions posed in the Attachment to this letter. Please include the company's EPA Identification Number, if it has one, in the response.

The company's response to this Request for Information should be postmarked or received at EPA within 20 calendar days of your receipt of this letter, and should be mailed to Mr. Wayne N. Pierre, Room 402, Hazardous Waste Site Branch, U.S. Environmental Protection Agency, Region II, 26 Federal Plaza, New York, New York 10278.

The company's failure to respond to this Request for Information within the time specified above may subject it to an enforcement action under Section 3008 of RCRA, 42 U.S.C. §6928. Such enforcement action may include the assessment of substantial penalties of up to $25,000.00 for continued noncompliance.

Be advised that the company is under a continuing obligation to supplement its response if information not known or not available to the company as of the date of submission of its response should later become known or available to the

company. Moreover, should the company find, at any time after the submission of its response, that any portion of the submitted information is false or misrepresents the truth, the company is under an obligation to notify EPA thereof as soon as possible. If any part of the company's response is found to be untrue, the signatory and company may be subject to criminal prosecution.

This Request for Information is not subject to the approval requirements of the Paperwork Reduction Act of 1980, Title 44 of the United States Code. The company may, if it so desires, assert a business confidentiality claim covering all or part of the information herein requested. The claim may be asserted by placing on (or attaching to) the information, at the time it is submitted, a cover sheet, stamped or typed legend, or other suitable form of notice employing language such as "trade secret," or "proprietary," or "company confidential." Information covered by such a claim will be disclosed by EPA only to the extent and by means of procedures set forth in Subpart B, Part 2, Code of Federal Regulations (41 FR 36906, September 1, 1976, as modified at 43 FR 39997, September 8, 1978). If no such claim accompanies the information when it is received by EPA, it may be made available to the public by EPA without further notice to the company.

If you have any questions about this letter, you may call Mr. Pierre at (212) 264-4472. Your cooperation is appreciated.

Sincerely yours,

Conrad Simon
Director
Air and Waste Management Division

Attachment

ATTACHMENT

Instructions

In responding to this Request for Information, the following instructions shall apply:

1. In answering each question identify all contributing sources of information.

2. If you are unable to answer a question in a detailed and complete manner or if you are unable to provide any of the information or documents requested, indicate the reason for your inability to do so. If you have reason to believe there may be an individual who may be able to provide a more detailed or complete response to any question or who may be able to provide documents requested, state that person's name, address and phone number.

3. Where documents are requested but are not available, state the reason for their unavailability. However, to the best of your ability identify any such document by stating its author, date, subject matter, number of pages, and any recipients.

4. If you cannot provide a precise answer to a question, you may approximate, but in any such instance state the reason why you cannot be more specific.

Information Requested

1. Were any hazardous substances which your company hauled, handled, or generated between 1970 and 1982 disposed of at the Barceloneta Landfill located in Barceloneta, Puerto Rico (hereinafter, "the site")? If the answer is yes, please provide the date(s) on which these substances were sent to the site for disposal.

2. Did your company haul, handle or generate any refuse which may have contained hazardous substances and which may have been disposed of at the site?

3. Please identify the nature and quantity of all hazardous substances disposed of at the site. To identify a chemical or other hazardous substance, include the name, composition, and its source and/or origin. If applicable, identify the manufacturing process in which the hazardous substance was generated and if available, include a copy of any chemical analyses performed.

4. Did your company transport hazardous substances or any other type of waste directly to the site?

5. Were other transporters used to transport wastes to the site? If other transporters were used, please provide the name, address, and telephone number for each, together with an identification of which deliveries were made by each.

6. Please indicate the amount of each type of hazardous substance hauled to the site. For liquid wastes your answer should be in terms of volume, for solid waste, in terms of weight.

7. Please submit or identify all documents which relate to the disposal or treatment of hazardous substances at the site. To identify a document, describe the nature of the document (e.g., invoice, inventory form, etc.), briefly describe the relevant information contained therein, identify by name and job title the person who prepared the document, and if the document is not readily available, identify where it is stored or maintained or why it is no longer available.

COPY

ROCHE PRODUCTS INC.

[illegible]

EDWARD BROWN
[illegible]

July 19, 1983

Mr. Wayne N. Pierre
Room 402, Hazardous Waste Site Branch
U. S. Environmental Protection Agency
Region II 26 Federal Plaza
New York, N. Y. 10278

Re: Barceloneta Landfill RPI EPA ID NO. PRD-090584152

Dear Mr. Pierre:

Roche Products Inc. has been operating since 1977 and has used the services of Browning and Ferris for the transportation of digested sludge and garbage. The digested sludge was disposed at the Garrochales municipal dump site in Arecibo, Puerto Rico, and the garbage at the Manati municipal dump site also in Puerto Rico. The disposition of the digested sludge was changed later to the Manati municipal dump site and now both the sludge and the garbage are dumped there.

To the best of my knowledge, the above mentioned wastes have never been dumped in the Barceloneta dump site. Also, the garbage and the sludge are both non-hazardous as per RCRA regulations.

If you need additional information on the referenced item, please call me at (809) 854-3020.

Cordially,

Edward Brown

EB:nf

PEDRO PANZARDI & ASSOCIATES

PROCESS, ENVIRONMENTAL & PROJECT ENGINEERS
1250 PONCE DE LEON AVE. • BANCO DE PONCE BLDG., FIFTH FLOOR • SANTURCE, P.R.
P.O. BOX 2291 • HATO REY, P.R. 00919-2291 • (809) 722-3671 / 722-3664 / FAX: 725-9085

A.C.E.C.

SARA TITLE III - SECTION 313

TIER III

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

ROCHE PRODUCTS, INC.
MANATI, PUERTO RICO

PP&A PROJECT #92018
OCTOBER, 1990

REGULATORY AFFAIRS DEPT.
RECEIVED
[redacted]
FILE ☐ COMMENT ☐
COPY ☐ DISCARD ☐

CONFIDENTIAL

NON-DISCLOSURE STATEMENT

This document shall not be reproduced, copied, loaned or transferred to other person directly or indirectly, or electronically, in whole or in part, nor used for other purpose other than that for which it is specifically furnished, without the prior written consent of Pedro Panzardi & Associates.

TOLUENE MATERIAL BALANCES

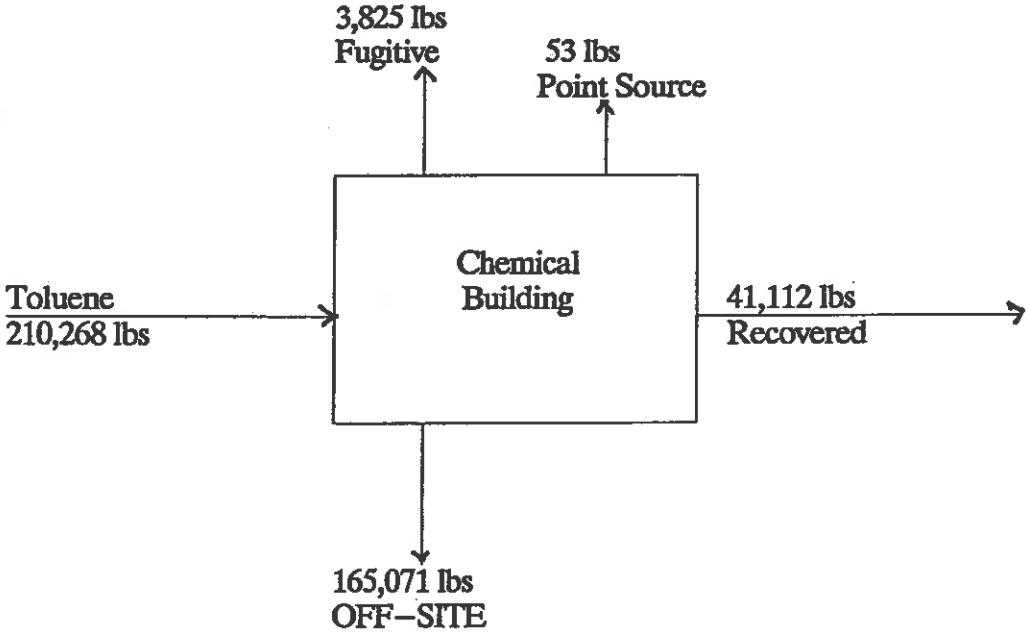


Fig. 10

ROCHE PRODUCTS INC.

OF-SITE TRANSFER WORKSHEET

MANIFEST NO.	COMPONENT	QUANTITY (LBS)	ANALYSIS (CHECK)	SURVEY (CHECK)

ROCHE PRODUCTS INC.

SARA TIER III WORKSHEET

COMPONENT	1990 FINAL INVENTORY (LBS)	1991 FINAL INVENTORY (LBS)	1991 CONSUMPTION (LBS)	FUGITIVE EMMISIONS (LBS)

COMPONENT	POINT SOURCE EMMISIONS (LBS)	OFF SITE TRANSFER (LBS)	ON-SITE RECOVERY (LBS)	WWTP INLET (LBS)

PEDRO PANZARDI & ASSOCIATES

PROCESS, ENVIRONMENTAL & PROJECT ENGINEERS
1250 PONCE DE LEON AVE. • BANCO DE PONCE BLDG., FIFTH FLOOR • SANTURCE, P.R.
P.O. BOX 2291 • HATO REY, P.R. 00919-2291 • (809) 722-3671 / 722-3664 / FAX: 725-9085

CONSULTING ENGINEERS COUNCIL
A.C.E.C.

October 25, 1991

Mrs. Mattie Muñoz
Regulatory Affairs Manager
PO Box 452
Manatí, PR 00701

Re: SARA Title III Toxic Chemical Release Inventory Form Report

Dear Mrs. Muñoz:

As per your request, enclosed is the report which addresses the engineering calculations performed to comply with the Toxic Chemical Release Inventory Form as required by SARA Title III, Section 313.

An analysis of the release calculations for the "otherwise used" toxic chemicals that exceded the 10,000 lbs/yr threshold quantity is included, as well as a copy of the Form R. In addition, we are providing recommendations and forms to improve release calculations results for next year's report.

If you need further assistance, please do not hesitate to contact us at your earliest convenience.

Sincerely yours,

José E. Sierra, P.E.

c Ms. Teresa Pérez
Mr. Pedro Panzardi

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APPENDIX SECTION

Appendix A - Data Gathered from the Facilities

Appendix B - Figures and Tables

SUMMARY

Roche Products is a facility dedicated to the production of the following pharmaceutical products: librium, dalmane, valium, clidinium bromide, and amitriptyline. For this production, solvents that are classified as toxic chemicals under Section 313 of SARA Title III are used. In order to comply with these regulations, the toxic chemical release inventory form R has been completed.

The following chemicals, classified as "otherwise used", exceeded the threshold reporting quantity of 10,000 lbs/yr: acetone, methanol, methylene chloride, sulfuric acid and, anhydrous ammonia.

Enclosed are the release calculations for these chemicals based on the AP-42 manual, and utilizing mass balances and the best engineering judgement with the available data. Also, copy of the completed form R is included. In addition you will find recommendations for next year's report, to correct some deficiencies encountered in RPI's solvent accounting procedures and help develop more meaningful and precise data.

1.0 INTRODUCTION

1.1 Authorization of this Report

This report was requested by Roche Products, Inc. from Pedro Panzardi and Associates in accordance with the scope of work presented in the proposal to Ms. Mattie Muñoz, Environmental Affairs Manager.

1.2 Goals and Objectives

The objective of this report is to fill the Toxic Chemical Release Inventory Form R, Tier III, as required by Section 313 of SARA Title III.

2.0 BACKGROUND

Roche Product is dedicated to the manufacturing of pharmaceutical products. This production occupies 100% of the effort throughout the year. Its facilities are located on State Road #670 Km 2.7, Manatí, Puerto Rico.

3.0 TOXIC CHEMICAL RELEASE TIER III INVENTORY FORM REPORT

3.1 TOXIC CHEMICAL RELEASE INVENTORY

FORM R

ROCHE PRODUCTS INC.

CARRETERA ESTATAL #670 KM 27
MANATÍ • PUERTO RICO • 00701

APARTADO 452
MANATÍ • PUERTO RICO • 00701

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 28, 1991

SERC Commissioner
Title III - SARA Section 313
Puerto Rico Environmental
Quality Board
P.O. Box 11488
Santurce, PR 00910

Dear Sir/Madam:

As required by Section 313 of the Emergency Planning and Community Right-to-Know Act (Title III of the Superfund Amendments and Reauthorization Act of 1986), Public Law 99-499, we are submitting the Toxic Chemical Release Inventory for 1990.

If you have any questions, please contact us at (809) 854-3020, Extension 495.

Respectfully,

ROCHE PRODUCTS INC.

Mattie S. Muñoz
Regulatory Affairs
Manager

MSM/bir
RPI#05591
Attachments

ROCHE PRODUCTS INC.

CARRETERA ESTATAL #670 KM 27
MANATÍ • PUERTO RICO • 00701

APARTADO 452
MANATÍ • PUERTO RICO • 00701

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 28, 1991

EPCRA Reporting Center
470 L'Enfant Plaza East
Suite 7103, SW
Washington, D.C. 20024
ATTN: Toxic Chemical Release Inventory

Dear Sir/Madam:

As required by Section 313 of the Emergency Planning and Community Right-to-Know Act (Title III of the Superfund Amendments and Reauthorization Act of 1986), Public Law 99-499, we are submitting the Toxic Chemical Release Inventory for 1990.

If you have any questions, please contact us at (809) 854-3020, Extension 495.

Respectfully,

ROCHE PRODUCTS INC.

Mattie S. Muñoz
Regulatory Affairs
Manager

MSM/bir
RPI#05491
Attachments

For pproved OMB No.: 2070-0093

Approval Expires: 01/94

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach substantiation forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 90

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official

Ernesto Muñiz/Vice President Plant Operations

Signature *Ernesto Muñiz* Date signed 6/28/91

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name

00701RCHPRSTATE
ROCHE PRODUCTS INC.
STATE ROAD 670 KM. 2.7
MANATI PR
00701

TRI Facility Identification Number

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Juan Corchado — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Hector L. Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. N/A c. d. e. f.

3.6

Latitude			Longitude		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
018	025	46.88	066	027	55.7

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. N/A

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. N/A

3.9 NPDES Permit Number(s): a. N/A b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. N/A b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. N/A b.

4. PARENT COMPANY INFORMATION

Name of Parent Company — Parent Company's Dun & Bradstreet Number

EPA

EPA FORM R

PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
Barceloneta Regional Sewage Treatment Plant		N/A	
Street Address		Street Address	
Road 684 Km. 3.7 Bo. Palmas Altas			
City	County	City	County
Barceloneta			
State	Zip	State	Zip
PR	00612		

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE).

2.1 Off-site location name		2.2 Off-site location name	
Safety Kleen Envirosystems Inc.		N/A	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
PRD090399718			
Street Address		Street Address	
Km. 51 Highway #2			
City	County	City	County
Manati			
State	Zip	State	Zip
PR	00674		
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [X] No		[ ] Yes [ ] No	

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [ ] No		[ ] Yes [ ] No	

2.5 Off-site location name		2.6 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [ ] No		[ ] Yes [ ] No	

[ ] Check if additional pages of Part II are attached. How many? _____

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	[Reserved]
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.) 78-93-3
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) Methyl Ethyl Ketone
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.) N/A

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).) N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	e. [ ] As a byproduct	d. [ ] For sale/ distribution; f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	d. [ ] Repackaging only	b. [ ] As a formulation component		c. [ ] As an article component
3.3	Otherwise use the chemical:	a. [X] As a chemical processing aid		b. [ ] As a manufacturing aid		c. [ ] Ancillary or other use

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][4] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)

		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater N/A
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [X]		5.1b [O]	
5.2 Stack or point air emissions	5.2a	[ ] [X] [ ]		5.2b [O]	
5.3 Discharges to receiving streams or water bodies (Enter letter code from Part I Section 3.10 for stream(s) in the box provided.) 5.3.1 [ ]	5.3.1a	[ ] [ ] [ ]	N/A	5.3.1b [ ]	5.3.1c %
5.3.2 [ ]	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection	5.4a	[ ] [ ] [ ]	N/A	5.4b [ ]	
5.5 Releases to land 5.5.1 On-site landfill	5.5.1a	[ ] [ ] [ ]	N/A	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ] [ ] [ ]	N/A	5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ] [ ] [ ]	N/A	5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ] [ ] [ ]	N/A	5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr) A.1 Reporting Ranges 1-10	11-499	500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1 1	[ ]	[X]	[ ]		6.1.1b O	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2 1	[ ]	[ ]	[ ]	11,537	6.2.1b M	6.2.1c M 5 0
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2	[ ]	[ ]	[ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2	[ ]	[ ]	[ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check if no on-site treatment is applied to any waste stream containing the chemical or chemical catagory

A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes	No
7.1a W	7.1b P 0 1	7.1c 3	7.1d [X]	7.1e N/A %	7.1f [ ]	[ ]
7.2a W	7.2b P 1 1	7.2c	7.2d [X]	7.2e N/A %	7.2f [ ]	[ ]
7.3a W	7.3b B 1 1	7.3c	7.3d [X]	7.3e N/A %	7.3f [ ]	[ ]
7.4a W	7.4b P 1 3	7.4c	7.4d [X]	7.4e N/A %	7.4f [ ]	[ ]
7.5a W	7.5b P 1 1	7.5c	7.5d [X]	7.5e 91 %	7.5f [X]	[ ]
7.6a	7.6b	7.6c	7.6d [ ]	7.6e %	7.6f [ ]	[ ]
7.7a	7.7b	7.7c	7.7d [ ]	7.7e %	7.7f [ ]	[ ]
7.8a	7.8b	7.8c	7.8d [ ]	7.8e %	7.8f [ ]	[ ]
7.9a	7.9b	7.9c	7.9d [ ]	7.9e %	7.9f [ ]	[ ]
7.10a	7.10b	7.10c	7.10d [ ]	7.10e %	7.10f [ ]	[ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M			☐ + ☐ - %		R

EPA

EPA FORM R
PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C. % From Stormwater
		A.1 Reporting Ranges 1–10 11–499 500–999	A.2 Enter Estimate		
5.3 Discharges to receiving streams or water bodies	5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
(Enter letter code from Part I Section 3.10 for stream(s) in the box provided.)	5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
	5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
	A.1 Reporting Ranges 1–10 11–499 500–999	A.2 Enter Estimate		
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]		6.1.___b	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes No
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ] [ ]

Form . oved OMB No.: 2070-0093

Approval Expires: 01/94

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach substantiation forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 90

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official

Ernesto Muñiz/Vice President Plant Operations

Signature Ernesto Muñiz Date signed 6/28/91

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name

00701RCHPRSTATE
ROCHE PRODUCTS INC.
STATE ROAD 670 KM. 2.7
MANATI PR 00701

TRI Facility Identification Number

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
   P.O. BOX 23779
   WASHINGTON, DC 20026-3779
   ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Juan Corchado — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Hector L. Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. N/A c. d. e. f.

3.6

Latitude			Longitude		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
018	025	46.88	066	027	55.7

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. N/A

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. N/A

3.9 NPDES Permit Number(s): a. N/A b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. N/A b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. N/A b.

4. PARENT COMPANY INFORMATION

Name of Parent Company — Parent Company's Dun & Bradstreet Number

EPA

EPA FORM R

PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
Barceloneta Regional Sewage Treatment Plant		N/A	
Street Address		Street Address	
Road 684 Km. 3.7 Bo. Palmas Altas			
City	County	City	County
Barceloneta			
State	Zip	State	Zip
PR	00612		

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE).

2.1 Off-site location name		2.2 Off-site location name	
Safety Kleen Envirosystems Inc.		N/A	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
PRD090399718			
Street Address		Street Address	
Km. 51 Highway #2			
City	County	City	County
Manati			
State	Zip	State	Zip
PR	00674		
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [X] No		[ ] Yes [ ] No	

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [ ] No		[ ] Yes [ ] No	

2.5 Off-site location name		2.6 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [ ] No		[ ] Yes [ ] No	

[ ] Check if additional pages of Part II are attached. How many? _____

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	[Reserved]
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.) 75-09-2
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) Dichloromethane
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.) N/A

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).) N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	e. [ ] As a byproduct	d. [ ] For sale/ distribution; f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	d. [ ] Repackaging only	b. [ ] As a formulation component		c. [ ] As an article component
3.3	Otherwise use the chemical:	a. [X] As a chemical processing aid		b. [ ] As a manufacturing aid		c. [ ] Ancillary or other use

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][4] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Release (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater N/A
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [ ]	4,914	5.1b [O]	
5.2 Stack or point air emissions	5.2a	[ ] [ ] [ ]	13,608	5.2b [O]	
5.3 Discharges to receiving streams or water bodies (Enter letter code from Part I Section 3.10 for stream(s) in the box provided.) 5.3.1 [ ]	5.3.1a	[ ] [ ] [ ]	N/A	5.3.1b [ ]	5.3.1c %
5.3.2 [ ]	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection	5.4a	[ ] [ ] [ ]	N/A	5.4b [ ]	
5.5 Releases to land					
5.5.1 On-site landfill	5.5.1a	[ ] [ ] [ ]	N/A	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ] [ ] [ ]	N/A	5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ] [ ] [ ]	N/A	5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ] [ ] [ ]	N/A	5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

DRUMS AND TANK TRUCKS SENT TO SAFETY KLEEN CONTAINING TOLUENE DURING 1990.

MANIFEST NO.	TOTAL AMOUNT SENT TO SK (gallons)	% TOLUENE PRESENT ON THE MANIFEST	TOTAL AMOUNT OF TOLUENE (gallons)
90021	900	95.4 %	858.6
90022	—	—	—
90023	2255	4.0 %	90.5
90024			
90025	2500	97.9 %	2,448.4
90026			
91001	2420		
91002			
91003	2500		
91004			
91005			
91006	1870		
91007			
91008			
91009			
91010			
91011			
11012			
91013			
91014			

DRUMS AND TANK TRUCKS SENT TO SAFETY KLEEN CONTAINING TOLUENE DURING 1990.

MANIFEST #	TOTAL QUANTITY SENT TO SK (GALLONS)	% TOLUENE PRESENT IN THE DELIVERY	TOTAL AMOUNT OF TOLUENE (gal
90001			
90002			
90003	—	—	—
90004	2,300	0.84 %	19.3
90005			
90006	2,500	0.60%	14.9
90007	2,365	0.30 %	7.1
.0008	—	—	—
90009			
90010	2,500	0.10 %	2.6
90011	2,500	5.6 %	~~140.0~~
90012	2,145 ~~2,500~~	0.6 % ~~5.6 %~~	13.1 ~~139.0~~
90013	—	—	—
90014	1925	0.05 %	1.0
90015	2090	0.02 %	0.5
90016			
90017	2475	92.9 %	2,299.X
90018	1210	99.8 %	1,207.6
90019			
.0020	7500	93.0 %	6,975

TANK TRUCKS SENT TO SAFETY KLEEN CONTAINING METHANOL DURING 1990.

MANIFEST	TOTAL AMOUNT SENT TO S.K. (GALLONS)	% METHANOL PRESENT ON THE DELIVERY	TOTAL AMOUNT OF METHANOL (GALL
90004	2,300	25.3%	581.9
90006	2,500	14.8%	370.0
90007	2,365	15.6%	368.9
90008	2,400	0.55%	13.2
90010	2,500	8.2%	205.0
90011	2,500	0.04%	1.0
90012	2,145	—	—
90013	2,500	0.30%	7.5
90014	1,925	0.39%	7.5
90015	2,090	0.32%	6.7
90017	2,475	0.64%	15.8
90018	1,210	0.03%	0.4
90020	7,500	0.05%	3.8
90021	900	0.06%	0.5
90023	2255	0.22%	5.0
90025	2500	NP	NA

10,475.5

TANK TRUCKS SENT TO SAFETY KLEEN CONTAINING METHYLENE CHLORIDE DURING 1990

MANIFEST	TOTAL AMOUNT SENT TO SK (gals)	% METHYLENE CHLORIDE PRESENT IN THE DELIVERY	TOTAL AMOUNT OF $MeCl_2$ (gals)
90004	2,300	0.93 %	21.4
90006	2,500	NP	N/a
90007	2,365	NP	N/a
90008	2,400	1.1 %	26.4
90010	2,500	NP	NP
90011	2,500	NP	NP
90012	2,145	NP	NP
0013	2,500	NP	NP
90014	1,925	NP	NP
90015	2,090	NP	NP
90017	2,475	0.15 %	3.7
90018	1,210	NP	NA
90020	7,500	0.18 %	13.5
90021	900	0.20 %	1.8
90023	2,255	NP	NP
90025	2500	NP	NP

Tank Trucks sent to Safety Kleen containing Acetone during 1990

Manifest	Total Amount sent to SK (gals).	% Acetone present on the delivery	Total Amount of Acetone (gal)
90004	2,300	0.34 %	7.8
90006	2500	0.30 %	7.5
90007	2365	0.26 %	6.1
90008	2,400	0.20 %	4.8
90010	2500	NP	N/A
90011	2500	0.13 %	3.2
90012	2145	NP	N/A
0013	2500	NP	N/A
90014	1925	0.22 %	4.2
90015	2090	NP	N/A
90017	2475	NP	N/A
90018	1210	0.02 %	0.2
90020	7500	0.04 %	3.0
90021	900	~~NP~~ 0.04 %	0.4 ~~N/A~~
90023	2255	NP	N/A
90025	2500	NP	N/A

Me 017

264 LBS - Survey

3062 BS - Survey

Me 017 169,220 LBS

·000024 MwPUV

Acetone

1,132 LBS - Survey
2,439 LBS - Survey
415 LBS - Survey
~~306 LBS~~ -

9/16 BODY
85% CON

Recuperacion de MeCl => AIR MeCl

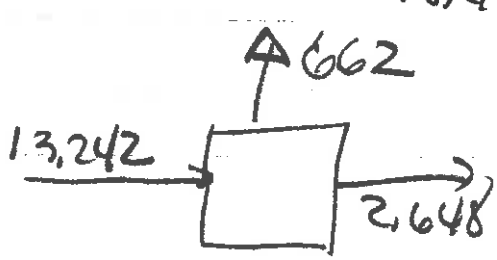
Ba

4869 galons

~~26~~ 59,070 LBS 58,774 LBS Acetone

8,327
~~7029~~ TO SR - Analysis
3,985 TO SR - Survey
16,438 TO WWTP

37,000 LBS ~~33,316~~ LBS TO WWTP
~~31,782~~
14,~~000~~ AIRE 13,242 TO WWTP
18,480 - Inventory



Methylene Chloride

53,513 LBS 53,352 lbs

30,525 LBS - Received

1,410 LBS SK w/ ANALYSIS

1,800 LBS WWTP

89J LBS SK Surveys

42
101
12
181
25
23
160
53
72

741

1,420

~~19,077 LBS~~

→ 18,722 LBS

* 859 LBS Survey

36 LBS Survey

Manifest #	Component	Quantity
90002	Toluene	63 LBS
900B2	Me OH	132 LBS
	Toluene	948 LBS
	Acetone	3 LBS
	MEK	43 LBS
90002	Acetone	482 LBS
90005	Toluene	1
	Xylene	6
900EF	Toluene	4,239 LBS
	$MeCl_2$	181 LBS
	Acetone	88 LBS
90024	Toluene	5867 LBS
90024	Acetone	~~811~~ 86 LBS
	MeOH	2 LBS
	$Me\ Cl_2$	25 LBS
90024	Toluene	412 LBS
	Acetone	3259 LBS
	MeOH	13 LBS

Manifest #	Component	Quantity
90024	Acetone	373 LBS
	Toluene	332 LBS
	MeOH	34 LBS
	MeCl2	23 LBS
90024	MEK	10,035 LBS
91001	Toluene	16,525 LBS
	MeOH	15 LBS
	Acetone	132 LBS
	MeCl2	160 LBS
91003	Toluene	16,847 LBS
	MeOH	1 LBS
	Acetone	4 LBS
	MeCl2	53 LBS
91002	Toluene	24 LBS
91002	MeOH	87 LBS
91002	Toluene	107 LBS

Toluene 45,359

Manifest	Component	Quantity
90004		
~~Methanol~~	MeOH	342 LBS
~~Acetone~~	Acetone	176 LBS
	Hexane	78 LBS
	Toluene	911 LBS
90004	Carbon	305 LBS
	MeOH	14 LBS
90004	Toluene	16 LBS
	Acetone	178 LBS
	CH_2Cl_2	28 LBS
90004	Acetone	1400 LBS
	Toluene	16 LBS
90004	Methanol	1459 LBS
90004	MeOH	737 LBS
90004	MeOH	7 LBS
90001		

45/1000

Manifest	Component	Quantity
91014	Toluene	390 LBS
91014	MeCl	343 LBS
91014	MeOH	42 LBS
91014	Acetone	1,298 LBS ~~LBS~~

34,000

424000

425 ppm Plomo en entrada Planta tratamiento.

Methanol

2,660 LBS - Survey 62569

Methanol 169,240 + 169,071 LBS

1863 TO SK

10,425

12,338 TO SK

~~19,427~~ TO WWTP

3,170 Survey

~~133,027~~

163,520 TO WWTP

9%
4%
5%

- 2,381 - AIR

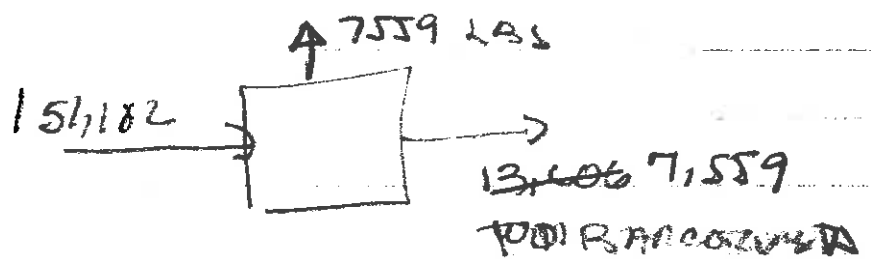
151,182 TO WWTP

12,338 TO BK

3,170 TO SK Survey

2,381 AIRE

151,182 WWTP



Toluene

Toluene

27,411 gal x 7.2 lb = 197,360 lbs.

- 148,621 lbs.

- 10,000

—

21,324 - Rec.

Total Used = 197,300 LBS

27,688 gallons * 7.2 = 199,353 LBS * 0.99

= 197,360 LBS

Surveys

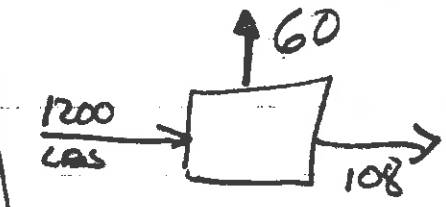
SK - 158,621 + 6,126 LBS + 324 LBS

197,360

Rec. - 27,324

WTP - ~~2,000~~ 1,200

SK - 158,621 Emissions - ~~2,415~~ 3,765



Recuperado 27,324

WTP 2,000

9,415 LBS

Methyl Ethyl Ketone 23-560

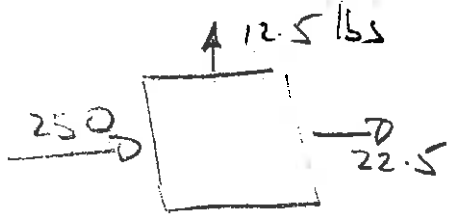
1990 Usage 12,093.18 Lbs.

Lot 001-090	1,650.0 Kgs	
002-100	1,654.3 Kgs	
003-110	2,027.0	
Sub Total	5,331.3 Kgs	
001-110	165.6 Kgs	Second Crop
Grand Total	5,496.9 Kgs = 12,093.18 Lbs	

RECEIVED FROM ELIEZER OTERO
DATE: JUNE 26, 1991

J. Cal 2

11,537 lbs TO SK



Appendix A - Data Gathered from the Facilities

Subject WASTEWATER TREATMENT PLANT OPERATIONS

Month OCT, NOV, DEC 1990 Reporter MIGDOEL RODRIGUEZ - ENVIRONMENTAL MANAGER

Theme

Associate

CO-WORKERS
JOSE L. PEREZ
HECTOR RIVERA

ROCHE PRODUCTS INC.

ROCHE

MANATI, PUERTO RICO

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DISTRIBUTION:	Total Copies	Copy No.
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Mr. G. Frohlich	1	8
Mr. J. Giraldo	1	9
Mr. E. MacMullan	1	10
Mr. E. Muñiz	1	11
Mrs. M.S. Muñoz	1	12
Dr. J. Kace	1	13
Department File	1	14

INTRODUCTION

The following report contains operational, performance and cost data, problem areas and comments concerning the wastewater treatment plant at Roche Products Inc., Manati, Puerto Rico for the months of October, November and December 1990.

SUMMARY

The total volume of wastewater treated for the fourth quarter of 1990 was 9,604.72 cubic meters or 104.4 cubic meters/day.

The organic load in terms of COD was 12,198.74 kgs. in October; 15,416.07 kgs. in November and 13,466.00 kgs. in December 1990. The influent COD to BOD5 ratio was 1.59 in October; 1.46 in November and 2.40 in December 1990.

The wastewater treatment plant performance met standards recommended in Pretreatment Standards (PRASA) in November and December of this quarter. Zinc was not detected on effluent during this quarter.

A discharge of Brine affected the efficiency of the biological system during October. This incident occured on September 30, 1990 through a return valve in the Chemical Production Plant. A total quantity of 3,000 gallons of Brine containing 21 pounds of Chromium was calculated by the Utilities Department. At the time of this report the plant has recovered the expected efficiency.

Removal Efficiency (%)

	October	November	December	Average	YTD
BOD	69.46	96.52	98.34	88.27	91.32
COD	60.41	92.25	96.68	84.25	85.06
Zinc	N.D.	N.D.	N.D.	N.D.	N.D.

N.D.= Non-detected for zinc means that the concentration is less than 0.1 ppm.

Solvent Removal Efficiency (%)

	October	November	December	Average	YTD
Acetone	28.44	100	100	78.43	78.27
Ethanol	100	100	100	100	98.64
IPA	87	100	100	96.08	85.96
Methanol	100	100	100	100	95.15
Methylene Chloride	N.D.	*N.D.	**N.D.	N.D.	N.D.
Toluene	100	100	100	100	100

*N.D.= Non-detected.
**N.D.= No Data

WASTE INVENTORY BUILDING 706

MONTH: DECEMBER 1990

HAZARDOUS WASTE

CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-LB-08	1	12-18-90	14 DAYS
601-CPD-02	52	12-19-90	13 DAYS
601-DL-IPA 98.6%, ACET. 1.0% H20 1.3%	11	12-19-90	13 DAYS
601-99.8% IPA, 0.1% H20	3	12-19-90	13 DAYS
601-DL-98.8% TOL, 0.2% H20	16	12-19-90	13 DAYS
601-V-99.86% TOL, 0.12% H20	6	12-19-90	13 DAYS
601-V-99.8% TOL, 0.2% H20	4	12-19-90	13 DAYS
601-V-96.3% ETHO, 3.7% H20	4	12-19-90	13 DAYS
601-CB-96.4% ETHO, 3.5% H20	14	12-19-90	13 DAYS
601-DL-99.1% MEOH, 0.3% H20	2	12-20-90	12 DAYS
601-CL-85.7% MEOH, 6.1% MCL2 6.0% H20, 2.6% O.R.	1	12-19-90	13 DAYS
601-V-4.3% MEOH, 57.9% MCL2 37.8% H20	13	12-18-90	14 DAYS
601-CL-87.4% MCL2, 12.6% O.R.	4	12-19-90	13 DAYS
601-ACETONE/PAINT	1	12-20-90	12 DAYS
601-CL-96.9% M.E.K. 3.0% H20	1	12-19-90	13 DAYS
502-LITHIUM BROMIDE	10	12-20-90	12 DAYS
401-QC-01	1	12-05-90	26 DAYS
601-CL-02	3	11-20-90	1 MONTH 13 DAYS
601-CPD-02	1	11-12-90	1 MONTH 21 DAYS
601-CPD-02	12	11-08-90	1 MONTH 24 DAYS
601-CPD-02	14	11-27-90	1 MONTH 6 DAYS
601-DL-06	2	11-09-90	1 MONTH 23 DAYS
601-DL-06	2	11-12-90	1 MONTH 21 DAYS
601-DL-06	2	11-15-90	1 MONTH 18 DAYS
601-DL-06	2	11-20-90	1 MONTH 13 DAYS
601-AM-01	1	11-30-90	1 MONTH 2 DAYS
601-AM-01	3	11-12-90	1 MONTH 21 DAYS
601-AM-01	2	11-15-90	1 MONTH 18 DAYS
601-CL-05	3	11-20-90	1 MONTH 13 DAYS
601-CL-06	2	11-21-90	1 MONTH 12 DAYS
601-ABS PAPER WITH TOL.	3	11-21-90	1 MONTH 12 DAYS
601-ABS PAPER WITH TOL.	1	11-14-90	1 MONTH 19 DAYS
601-ABS PAPER WITH METHYL ETHYL KETONE	1	11-26-90	1 MONTH 7 DAYS
601-LB 97.64% TOL, 2.19% ACET, 0.09% O.R.	1	11-07-90	1 MONTH 25 DAYS
601-DL-55.5% TOL, 43.6% MCL2	10	11-13-90	1 MONTH 20 DAYS
601-93.6% I.P.A., 6.2% H20	5	11-21-90	1 MONTH 12 DAYS
	9	11-26-90	1 MONTH 7 DAYS

MONTH: DECEMBER 1990

HAZARDOUS WASTE

CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-ABS. PAPER WITH OIL	1	11-30-90	1 MONTH 2 DAYS
601-CL-91.26 ETHO, 8.6% H20, .08% O.R.	4	11-13-90	1 MONTH 20 DAYS
401-QC-03	1	11-06-90	1 MONTH 27 DAYS
601-CL-01	9	10-22-90	2 MONTHS 13 DAYS
601-CPD-02	10	10-16-90	2 MONTHS 19 DAYS
601-ABS PAPER WITH TOLUENE	3	10-23-90	2 MONTHS 13 DAYS
601-DL-06	4	08-08-90	4 MONTHS 26 DAYS
601-DL-06	1	08-16-90	4 MONTHS 18 DAYS
601-DL-06	1	08-27-90	4 MONTHS 7 DAYS
601-V-06	1	07-16-90	5 MONTHS 20 DAYS
601-V-06	3	06-20-90	6 MONTHS 10 DAYS
401-QC-03	1	07-22-90	6 MONTHS
401-QC-03	1	10-19-89	1 YR 2 MON 10DAYS
502-WASTE BUNKER	1	03-08-90	9 MONTHS 23 DAYS
601-86.7% HYFLO, 3.3% CHLO COMP, 10.0% ACET. ACID	1	09-13-90	3 MONTHS 18 DAYS
601-86.7% HYFLO, 3.3% CHLO COMP, 10.0% ACT. ACID	1	08-14-90	4 MONTHS 20 DAYS
601-8.2% H20, 27.6% MEOH, 65.0% IPA	13	07-26-90	5 MONTHS 9 DAYS
601-25.3% TOLUENE, 8.6% ORG. RES., 66.1% SOLKA FLOK	2	08-14-90	4 MONTHS 20 DAYS
701-WWTP 02	1	01-27-81	9 YEARS 11 MONTHS
701 WWTP 02	4	03-07-84	6 YEARS 7 MONTHS

TOTAL 286

TABLE I

WASTEWATER TREATMENT PLANT PERFORMANCE

PARAMETER	UNITS	OCT	NOV	DEC	AVERAGE 3 MONTHS	YEAR TO-DATE
BOD5	KG/DAY	152.07	365.10	190.60	229.05	244.23
	% REMOVAL	69.46	96.52	98.34	88.27	91.32
COD	KG/DAY	210.56	507.88	448.92	376.18	426.28
	% REMOVAL	60.41	92.25	96.68	84.25	85.06
ZINC	KG/DAY	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA
	% REMOVAL	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA
FLOW	M3/DAY	97.17	110.60	107.14	104.40	99.60
F/M - B-3		NO DATA	NO DATA	NO DATA	NO DATA	0.007
F/M - B-4		0.15	0.24	0.13	0.06	0.011

TABLE II

WASTE TREATMENT PLANT COSTS SUMMARY

PARAMETER - UNITS	OCT	NOV	DEC	AVERAGE 3 MONTHS	YEAR TO-DATE
OPERATIONS - $/M3	2.48	3.50	3.37	3.10	2.85
CHEMICALS -$/M3	0.90	0.58	0.05	0.52	0.51
MAINTENANCE - $/M3	1.18	0.82	2.22	1.40	1.21
ELECTRICITY - $/M3	3.20	1.66	2.21	2.38	2.12
SLUDGE DISP.- $/M3	0.00	0.00	0.00	0.00	0.00
COMP. AIR - $/M3	2.59	1.30	1.68	1.88	1.48
ENV. LAB. - $/M3	1.11	1.11	1.13	1.12	1.33
TOTAL - $/M3	11.47	8.97	10.66	10.40	9.50
TOTAL - $/KG COD	5.29	1.95	2.55	2.89	2.22

ENVIRONMENTAL CONTROL DEPARTMENT

Roche Products Inc.
Manati, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

Month: OCTOBER 1990

CODIFICATION DATA RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QUANTITY
601 CL-01	UN1170	D-001 F-003	SOLVENT SOLUTION WITH ETHO, PIRIDINE	FLAMMABLE	52
601 CL-02	UN1090	F-003	SOLVENT SOLUTION	FLAMMABLE	15
601 CP-02	UN1294	F-005	TOLUENE STILL BOTTOMS	FLAMMABLE	10
601 DL-16	UN1993	F-003 D-001	SOLVENT SOLUTION WITH ORG. RESIDUE	FLAMMABLE	4
601 LB-09	UN1090	F-003	ACETONE DIST. BOTTOM	FLAMMABLE	2
601 LAB-01	UN NOS	F-003 F-005	LAB. SOLVENT WASTE	FLAMMABLE	1
601	UN1294	F-005	TOLUENE 99.5%	FLAMMABLE	15
601	UN1294	F-005	ABS. PAPER WITH TOLUENE	FLAMMABLE	3
601	UN1230	F-003	WATER 19.1%, METHANOL 75.1%, ACETONE 5.7%	FLAMMABLE	1
401 QC-01	UN1993	D-003 F-005	LAB. SOLVENT WASTE	FLAMMABLE	1
601 LB-10	NOS	NOS	SOLID FILTER RESIDUE	N/H	3
601 CB-01	NOS	NOS	FILTER AID SOLIDS	N/H	1
102			USED VEGETABLE OIL	N/H	1
201			ACTIVATED CARBON	PEND.ANALYSIS	54

Total Drummed Hazardous Waste: 104

Total Drummed Non-Hazardous Waste: 5

Pending Analyses: 54

ENVIRONMENTAL CONTROL DEPARTMENT

Roche Products Inc.
Manati, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

Month: NOVEMBER 1990

CODIFICATION DATA RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QUANTITY
601 CL-02	UN1993	D-001 F-005	SOLVENT SOLUTION METH, ETHYL, KETONE	FLAMMABLE	18
601 CPD-02	UN1294	F-005	TOLUENE MOTHER LIQ.	FLAMMABLE	27
601 DL-06	UN1294	F-005	TOLUENE STILL BOTTOMS	FLAMMABLE	9
601 AM-01	UN1294	F-005	TOLUENE MOTHER LIQ.	FLAMMABLE	8
601 LB-05	UN1090	F-003	ACETONE DIST. BOTTOM	FLAMMABLE	1
601 CL-05	UN1193	F-005	SOLID FILTER RESIDUE	FLAMMABLE	2
601 CL-06	UN1294	F-005	NITRO BROMO COMP WITH TOLUENE	FLAMMABLE SOLID	3
601 CPD-01	UN1294	F-005	TOLUENE STILL BOTTOMS	FLAMMABLE	3
601			ABSORB. PAPER WITH TOL.	FLAMMABLE	2
601			ABSORB. PAPER WITH METHYL ETHYL KETONE	FLAMMABLE	1
601	UN1294	F-005	99.92% TOL, 0.8%ORG.RES.	FLAMMABLE	10
601 DL-	UN1294	F-005	99.94% TOL, 0.06%ORG.RES.	FLAMMABLE	15
601 CL-	UN1294	F-005	91.5% TOL, 8.5%ORG.RES.	FLAMMABLE	7
601 LB-	UN1294	F-005	97.64 TOLUENE, 2.19% ACET 0.09% ORG. RES.	FLAMMABLE	10
601 CL-	UN1170	D-001	91.26% ETHANOL, 8.6% WATER, 0.04% ORG.RES.	FLAMMABLE	4

601 DL-	UN1993	F-005 F-002	55.5% TOL, 43.6%MCL2	FLAMMABLE	5
601	UN1219	D-001	93.6% ISOP,6.2% WATER	FLAMMABLE	9
401 QC-01	UN1993	F-003 F-005	LAB. SOLV. WASTE	FLAMMABLE	1
401 QC-03			PERCHLORIC ACID, MERCURIC ACETATE	CORROSIVE	1
701			SPENT OIL	COMB. LIQUID	2
201 PH-02	UN1993	F-002	SOLVENT RESIDUE	FLAMMABLE	1
601			ABSORBENT PAPER WITH OIL	COMBUSTIBLE	1
601 DL-09	NOS	NOS	HYFLO SUPERCELL W AMMON.	N/H	8
601 LB-10	NOS	NOS	SOLID FILTER RESIDUE	N/H	1
102	---	---	USED VEGETABLE OIL	N/H	1

Total Drummed Hazardous Waste: 140

Total Drummed Non-Hazardous Waste: 10

ENVIRONMENTAL CONTROL DEPARTMENT

Roche Products Inc.
Manati, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

Month: DECEMBER 1990

CODIFICATION DATA RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QUANTITY
401 QC-01	UN1993	F-003 F-005	LAB SOLVENT WASTE	FLAMMABLE	1
502			SPENT OIL	COMB. LIQUID	1
502			LITHIUM BROMIDE		10
601 LB-08	UN1170	D-001	ETHANOL RESIDUES	FLAMMABLE	1
601 DL-	UN1993	D-001	I.P.A. 98.6%, ACET .1%, H20 1.3%	FLAMMABLE	11
601	UN1219	D-001	I.P.A. 99.8%, H20 0.1%	FLAMMABLE	3
601 DL-	UN1294	F-005	TOLUENE 98.8%, H20 0.2%	FLAMMABLE	16
601 CPD-02	UN1294	F-005	TOLUENE MOTHERS LIQUORS	FLAMMABLE	52
601V	UN1294	F-005	TOLUENE 99.86%, H20 0.12%	FLAMMABLE	6
601V	UN1294	F-005	TOLUENE 99.8%, H20 0.2%	FLAMMABLE	4
601 LB-08	UN1170	D-001	ETHANOL RESIDUES	FLAMMABLE	7
601	UN1090	F-003	ACETONE AND PAINT	FLAMMABLE	1
601 DL	UN1170	D-001	MEOH 99.1%, H20 0.3%	FLAMMABLE	2
601 CL-	UN1993	D-001	MEOH 85.7%, MCL2 6.1% H20 6.0%, O. R. 12.6%	FLAMMABLE	1
601V	UN1993	F-002 F-003	MCL2 57.9%, H20 37.8% MEOH 4.3%	FLAMMABLE	13

CODIFICATION DATA RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QUANTITY
601 CL-	UN1593	F-002	MCL2 87.4%, O.R. 12.6%		4
601V	UN1170	D-001	ETHANOL 96.3%, H20 3.7%	FLAMMABLE	4
601 CB-	UN1170	D-001	ETHANOL 96.4%, H20 3.5%	FLAMMABLE	14
601 CL-	UN1193	F-005	METHYL ETHYL KETONE 96.9%, H20 3.0%	FLAMMABLE	1
601 CB-02	NOS	NOS	FILTER SOLIDS	N/H	1

Total Drummed Hazardous Waste: 152

Total Drummed Non-Hazardous Waste: 1

ENVIRONMENTAL CONTROL LABORATORY

- A program was prepared in order to use our personal computer for calculations of laboratory analyses. A validation is pending.
- Storm water run off samples were collected and sent to E.Q. Lab for analysis.
- José L. Pérez was assigned to establish a Recycling Program in our company.
- A total organic carbon method was implemented in our laboratry in order to improve WWTP monitoring program.
- A flow chart of Environmental Laboratory activities was prepared.
- Our laboratory analyzed performance evaluation samples from the P.R. Health Department and obtained good results in potable water analyses. During the month of January 1991, our laboratory will receive a visit from a certified official in order to obtain a Potable Water Analysis Certification.
- A memorandum was sent to Migdoel Rodríguez where we explained the activities planned for 1991 as part of the Waste Minimization Program.
- A study was performed in our laboratory to compare the BOD, COD and TOC analyses in order to optimize the BOD analysis.

ENVIRONMENTAL CONTROL LABORATORY WELL WATER ANALYSIS

TABLE I

PARAMETER	10-1-90	10-15-90	11-1-90	11-15-90	12-3-90
pH units	7.54	7.46	7.43	7.48	7.68
Total Solids mg/l	406	372	355	399	378
Calcium (Dissolved) mg/l	80	78	89	65	70
Magnesium (Dissolved) mg/l	12.3	15.2	13.0	17.4	16.8
Hardness mg/l	250	257	275	234	244
Silica mg/l	11	12	11	15	14
Sulfate mg/l	24	28.5	23.8	36.7	34.7
Chloride mg/l	43.8	39.6	37.4	40.5	36.1
Alkalinity mg/l	254.0	253.8	253.4	319.2	260.4
Conductivity mhos	718	680	662	749	694

*Analysis of 12-15-90 will appear on next report.

APPENDICES

ROCHE PRODUCTS INC.

WASTE TREATMENT PLANT OPERATIONS SUMMARY

MONTH: OCTOBER 1990

1. WASTE WATER TREATED					YTD.
TOTAL VOLUME M3	3400.82				30149.50
DAILY AVERAGE M3	97.17				97.89
2. ORGANIC WASTE LOAD					
		MG/L		KG/MO	
A. INFLUENT	MIN	AVE	MAX		
BOD5	2169.00	2253.00	3047.00	7662.05	81411.46
COD	3119.00	3587.00	5583.00	12198.74	154028.08
ZN	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA
SOLVENTS					
ACETONE	69.00	109.00	127.00	370.69	3885.30
ETHANOL	125.00	226.00	406.00	768.59	14189.42
METHANOL	13.60	504.00	1003.00	1714.01	27347.19
IPA	152.00	200.00	262.00	680.16	11759.07
TOLUENE	1.88	13.00	12.00	44.21	1037.26
B. EFFLUENT					
BOD5	447.00	688.00	845.00	2339.76	8016.30
COD	660.00	1420.00	1884.00	4829.16	25676.64
ZN	NO DATA	NO DATA	NO DATA	0.00	0.00
SOLVENTS					
ACETONE	73.00	78.00	74.00	265.26	1030.87
METHANOL	< 1	< 1	< 1	0.00	1752.62
ETHANOL	< 1	< 1	< 1	0.00	254.17
IPA	15.00	26.00	26.00	88.42	1872.41
TOLUENE	< 1	< 1	< 1		0.00
C. REMOVAL EFFICIENCY					
BOD5	69.46				90.15
COD	60.41				83.33
ZN	NO DATA				NO DATA

D. DEGRADABILITY RATIO (COD/BOD5)

	MIN	AVE	MAX	YTD
INFLUENT	1.44	1.59	1.83	1.89
EFFLUENT	1.48	2.06	2.23	3.20

3. COMBINED EFFLUENT TO PRASA

A. TOTAL VOLUME	M3	8679.05	79157.91
B. DAILY AVERAGE	M3	279.97	260.39
C. BOD5	MG/L	293.00	
	KG/MO	2542.96	13804.35
D. COD	MG/L	682.00	
	KG/MO	5782.81	43057.33
E. TSS	MG/L	293.00	
	KG/MO	2484.40	11150.13
F. ZN	MG/L	0.20	
	KG/MO	1.70	5.09
G. SOLVENTS			
METHANOL	MG/L	7.00	
	KG/MO	59.35	2865.97
ETHANOL	MG/L	< 1	
	KG/MO	0.00	161.10
ACETONE	MG/L	34.00	
	KG/MO	288.29	1373.63
TOLUENE	MG/L	5.00	
	KG/MO	0.00	0.00
IPA	MG/L	11.00	
	KG/MO	0.00	0.00
H. OIL & GREASE	MG/L	37.80	
	KG/MO	320.51	659.68

4. OPERATIONAL PARAMETERS

PARAMETERS	BASIN B-3	BASIN B-4
MLSS MG/L	NO DATA	2290.00
MLVSS MG/L	NO DATA	1856.00
F/M KG BOD/KG MLVSS DAY	NO DATA	0.152

RECIRCULATION RATIO %		NO DATA	1.65	
RETENTION TIME (HOURS)		NO DATA	153.33	
SLUDGE AGE (DAYS)		NO DATA	2.40	
D.O. MG/L		NO DATA	6.40	
5. SLUDGE PRODUCTION KGS DRY		NO DATA		0.00
6. RAW MATERIALS				
A. HYDRATED LIME	KG	738.40		10428.48
	KG/DAY	21.10		33.86
	KG/M3	0.22		0.35
B. PHOSPHORIC ACID	KG	24.79		24.79
	KG/DAY	0.71		0.08
	KG/M3	0.01		0.00
C. SULFURIC ACID (66% BE)	KG	363.64		2909.12
	KG/DAY	10.39		9.45
	KG/M3	0.11		0.10
D. CAUSTIC SODA	KG	318.18		6363.60
	KG/DAY	9.09		20.66
	KG/M3	0.09		0.21
E. DEFOAMER	KG	70.90		418.14
	KG/DAY	2.03		1.36
	KG/M3	0.02		0.01
7. ENERGY CONSUMPTION				
A. TOTAL	KWH	71190.00		634964
	KWH/DAY	2034.00		2061.57
	KWH/M3	20.93		21.06
B. EQUALIZATION	KWH	12244.68		109213.82
	KWH/DAY	349.85		354.59
	KWH/M3	3.60		3.62
C. AERATION	KWH	33388.11		177883.97
	KWH/DAY	953.95		577.55
	KWH/M3	9.82		5.90
D. DIGESTOR	KWH	5339.25		47622.30
	KWH/DAY	152.55		154.62
	KWH/M3	1.57		1.58
E. PUMPS & MISC.	KWH	20217.96		300243.92
	KWH/DAY	577.66		974.82
	KWH/M3	5.95		9.96

8. COMPRESSED AIR	M3	283170.00	2599678.70
	M3/DAY	8090.57	8440.52
	M3/M3	83.27	86.23
9. WATER USAGE	M3	504.54	2525.72
	M3/DAY	14.42	8.20
	M3/M3	0.15	0.08
10.WASTE TREATMENT PLANT COSTS			
A. SALARIES & WAGES	$	8438.47	82463.47
	$/KG COD	1.15	0.64
	$/M3	2.48	2.74
B. CHEMICAL & SUPPLIES	$	3068.42	16457.03
	$/KG COD	0.42	0.13
	$/M3	0.90	0.55
C. MAINTENANCE	$	4026.21	34701.59
	$/KG COD	0.55	0.27
	$/M3	1.18	1.15
D. ELECTRICAL POWER	$	10878.00	65001.00
	$/KG COD	1.48	0.51
	$/M3	3.20	2.16
E. SLUDGE DISPOSAL	$	0.00	0.00
	$/KG COD	0.00	0.00
	$/M3	0.00	0.00
F. COMPRESSOR AIR	$	8810.00	44622.00
	$/KG COD	1.20	0.35
	$/M3	2.59	1.48
G. ENVIRONMENTAL LABORATORY	$	3780.83	41220.70
	$/KG COD	0.51	0.32
	$/M3	1.11	1.37
H. TOTAL COSTS	$	39001.93	284465.79
	$/KG COD	5.29	2.22
	$/M3	11.47	9.44

ROCHE PRODUCTS INC.

WASTE TREATMENT PLANT OPERATIONS SUMMARY

MONTH: NOVEMBER 1990

1. WASTE WATER TREATED

		YTD.
TOTAL VOLUME M3	3096.84	
DAILY AVERAGE M3	110.60	33246.34 98.95

2. ORGANIC WASTE LOAD

	MG/L			KG/MO	
A. INFLUENT	MIN	AVE	MAX		
BOD5	2624.00	3420.00	4880.00	10591.19	92002.65
COD	3419.00	4978.00	6973.00	15416.07	169444.15
ZN	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA
SOLVENTS					
ACETONE	94.00	139.00	282.00	430.46	4315.76
ETHANOL	272.00	425.00	556.00	1316.16	15505.58
METHANOL	1033.00	1506.00	2604.00	4663.84	32011.03
IPA	82.00	362.00	492.00	1121.06	12880.13
TOLUENE	40.00	460.00	187.00	1424.55	2461.81
B. EFFLUENT					
BOD5	45.00	119.00	233.00	368.52	8384.82
COD	116.00	386.00	796.00	1195.38	26872.02
ZN	NO DATA	NO DATA	NO DATA	0.00	0.00
SOLVENTS					
ACETONE	< 1	< 1	< 1	0.00	1030.87
METHANOL	< 1	< 1	< 1	0.00	1752.62
ETHANOL	< 1	< 1	< 1	0.00	254.17
IPA	< 1	< 1	< 1	0.00	1872.41
TOLUENE	< 1	< 1	< 1		0.00
C. REMOVAL EFFICIENCY					
BOD5	96.52				90.89
COD	92.25				84.14
ZN	NO DATA				NO DATA

D. DEGRADABILITY RATIO (COD/BOD5)

	MIN	AVE	MAX	YTD
INFLUENT	1.30	1.46	1.43	1.84
EFFLUENT	2.58	3.24	3.42	3.20

3. COMBINED EFFLUENT TO PRASA

A. TOTAL VOLUME	M3	10338.91	89496.82
B. DAILY AVERAGE	M3	369.25	269.57
C. BOD5	MG/L	90.00	
	KG/MO	930.50	14734.86
D. COD	MG/L	294.00	
	KG/MO	2492.88	45550.21
E. TSS	MG/L	80.00	
	KG/MO	678.34	11828.47
F. ZN	MG/L	0.20	
	KG/MO	1.70	6.78
G. SOLVENTS			
METHANOL	MG/L	< 1	
	KG/MO	0.00	2865.97
ETHANOL	MG/L	< 1	
	KG/MO	0.00	161.10
ACETONE	MG/L	< 1	
	KG/MO	0.00	1373.63
TOLUENE	MG/L	< 1	
	KG/MO	0.00	0.00
IPA	MG/L	< 1	
	KG/MO	0.00	0.00
H. OIL & GREASE	MG/L	20.00	
	KG/MO	169.58	829.26

4. OPERATIONAL PARAMETERS

PARAMETERS	BASIN B-3	BASIN B-4
MLSS MG/L	NO DATA	2198.00
MLVSS MG/L	NO DATA	2000.00
F/M KG BOD/KG MLVSS DAY	NO DATA	0.244

RECIRCULATION RATIO %		NO DATA	1.48	
RETENTION TIME (HOURS)		NO DATA	168.39	
SLUDGE AGE (DAYS)		NO DATA	2.30	
D.O. MG/L		3.59	4.51	
5. SLUDGE PRODUCTION KGS DRY		NO DATA		0.00
6. RAW MATERIALS				
A. HYDRATED LIME	KG	931.52		11360.00
	KG/DAY	33.27		33.81
	KG/M3	0.30		0.34
B. PHOSPHORIC ACID	KG	136.20		160.99
	KG/DAY	4.86		0.48
	KG/M3	0.04		0.00
C. SULFURIC ACID (66% BE)	KG	0.00		2909.12
	KG/DAY	0.00		8.66
	KG/M3	0.00		0.09
D. CAUSTIC SODA	KG	318.18		6681.78
	KG/DAY	11.36		19.89
	KG/M3	0.10		0.20
E. DEFOAMER	KG	21.82		439.96
	KG/DAY	0.78		1.31
	KG/M3	0.01		0.01
7. ENERGY CONSUMPTION				
A. TOTAL	KWH	59285.00		694249
	KWH/DAY	2117.32		2066.22
	KWH/M3	19.14		20.88
B. EQUALIZATION	KWH	10197.00		119410.82
	KWH/DAY	364.18		355.39
	KWH/M3	3.29		3.59
C. AERATION	KWH	27804.67		205688.64
	KWH/DAY	993.02		612.17
	KWH/M3	8.98		6.19
D. DIGESTOR	KWH	4446.38		- 52068.68
	KWH/DAY	158.80		154.97
	KWH/M3	1.44		1.57
E. PUMPS & MISC.	KWH	16836.94		317080.86
	KWH/DAY	601.32		943.69
	KWH/M3	5.44		9.54

8. COMPRESSED AIR	M3	228571.00	2828249.70
	M3/DAY	8163.25	8417.41
	M3/M3	73.81	85.07
9. WATER USAGE	M3	381.19	2906.91
	M3/DAY	13.61	8.65
	M3/M3	0.12	0.09
10.WASTE TREATMENT PLANT COSTS			
A. SALARIES & WAGES	$	10824.10	93287.57
	$/KG COD	0.76	0.65
	$/M3	3.50	2.81
B. CHEMICAL & SUPPLIES	$	1800.41	18257.44
	$/KG COD	0.13	0.13
	$/M3	0.58	0.55
C. MAINTENANCE	$	2534.45	37236.04
	$/KG COD	0.18	0.26
	$/M3	0.82	1.12
D. ELECTRICAL POWER	$	5140.00	70141.00
	$/KG COD	0.36	0.49
	$/M3	1.66	2.11
E. SLUDGE DISPOSAL	$	0.00	0.00
	$/KG COD	0.00	0.00
	$/M3	0.00	0.00
F. COMPRESSOR AIR	$	4033.00	48655.00
	$/KG COD	0.28	0.34
	$/M3	1.30	1.46
G. ENVIRONMENTAL LABORATORY	$	3435.43	44656.13
	$/KG COD	0.24	0.31
	$/M3	1.11	1.34
H. TOTAL COSTS	$	27767.39	312233.18
	$/KG COD	1.95	2.19
	$/M3	8.97	9.39

ROCHE PRODUCTS INC.

WASTE TREATMENT PLANT OPERATIONS SUMMARY

MONTH: DECEMBER 1990

1. WASTE WATER TREATED					YTD.
TOTAL VOLUME M3	3107.06				36353.40
DAILY AVERAGE M3	107.14				99.60
2. ORGANIC WASTE LOAD					
		MG/L		KG/MO	
A. INFLUENT	MIN	AVE	MAX		
BOD5	2077.00	1809.00	2617.00	5620.67	97623.32
COD	3772.00	4334.00	6083.00	13466.00	182910.15
ZN	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA
SOLVENTS					
ACETONE	108.00	138.00	174.00	428.77	4744.53
ETHANOL	436.00	1027.00	1451.00	3190.95	18696.53
METHANOL	1057.00	1317.00	1662.00	4092.00	36103.03
IPA	29.00	147.00	273.00	456.74	13336.87
TOLUENE	3.00	44.00	140.00	136.71	2598.52
B. EFFLUENT					
BOD5	26.00	30.00	57.00	93.21	8478.03
COD	131.00	144.00	261.00	447.42	27319.44
ZN	NO DATA	NO DATA	NO DATA	0.00	0.00
SOLVENTS					
ACETONE	< 1	< 1	< 1	0.00	1030.87
METHANOL	< 1	< 1	< 1	0.00	1752.62
ETHANOL	< 1	< 1	< 1	0.00	254.17
IPA	< 1	< 1	< 1	0.00	1872.41
TOLUENE	< 1	< 1	< 1		0.00
C. REMOVAL EFFICIENCY					
BOD5	98.34				91.32
COD	96.68				85.06
ZN	NO DATA				NO DATA

D. DEGRADABILITY RATIO (COD/BOD5)

	MIN	AVE	MAX	YTD
INFLUENT	1.82	2.40	2.32	1.87
EFFLUENT	5.04	4.80	4.58	3.22

3. COMBINED EFFLUENT TO PRASA

A. TOTAL VOLUME	M3	9932.85	99429.67
B. DAILY AVERAGE	M3	320.41	273.91
C. BOD5	MG/L	38.00	
	KG/MO	377.45	15112.30
D. COD	MG/L	169.00	
	KG/MO	1432.98	46983.19
E. TSS	MG/L	72.00	
	KG/MO	610.50	12438.97
F. ZN	MG/L	0.20	
	KG/MO	1.70	8.48
G. SOLVENTS			
METHANOL	MG/L	< 1	
	KG/MO	0.00	2865.97
ETHANOL	MG/L	< 1	
	KG/MO	0.00	161.10
ACETONE	MG/L	< 1	
	KG/MO	0.00	1373.63
TOLUENE	MG/L	< 1	
	KG/MO	0.00	0.00
IPA	MG/L	< 1	
	KG/MO	0.00	0.00
H. OIL & GREASE	MG/L	15.00	
	KG/MO	127.19	956.45

4. OPERATIONAL PARAMETERS

PARAMETERS	BASIN B-3	BASIN B-4
MLSS MG/L	NO DATA	2101.00
MLVSS MG/L	NO DATA	1921.00
F/M KG BOD/KG MLVSS DAY	NO DATA	0.130

RECIRCULATION RATIO %		NO DATA	1.57
RETENTION TIME (HOURS)		NO DATA	173.00
SLUDGE AGE (DAYS)		NO DATA	2.50
D.O. MG/L		NO DATA	NO DATA *
5. SLUDGE PRODUCTION KGS DRY		NO DATA	0.00
6. RAW MATERIALS			
A. HYDRATED LIME	KG	511.20	11871.20
	KG/DAY	17.63	32.52
	KG/M3	0.16	0.33
B. PHOSPHORIC ACID	KG	0.00	160.99
	KG/DAY	0.00	0.44
	KG/M3	0.00	0.00
C. SULFURIC ACID (66% BE)	KG	727.28	3636.40
	KG/DAY	25.08	9.96
	KG/M3	0.23	0.10
D. CAUSTIC SODA	KG	0.00	6681.78
	KG/DAY	0.00	18.31
	KG/M3	0.00	0.18
E. DEFOAMER	KG	18.18	458.14
	KG/DAY	0.63	1.26
	KG/M3	0.01	0.01
7. ENERGY CONSUMPTION			
A. TOTAL	KWH	54868.00	749117
	KWH/DAY	1892.00	2052.38
	KWH/M3	17.66	20.61
B. EQUALIZATION	KWH	9437.30	128848.12
	KWH/DAY	325.42	353.01
	KWH/M3	3.04	3.54
C. AERATION	KWH	25733.09	231421.73
	KWH/DAY	887.35	634.03
	KWH/M3	8.28	6.37
D. DIGESTOR	KWH	4064.25	56132.93
	KWH/DAY	140.15	153.79
	KWH/M3	1.31	1.54
E. PUMPS & MISC.	KWH	15582.51	332663.37
	KWH/DAY	537.33	911.41
	KWH/M3	5.02	9.15

*INSTRUMENT IS BEING REPAIRED.

8. COMPRESSED AIR	M3	185714.00	3013963.70
	M3/DAY	6403.93	8257.43
	M3/M3	59.77	82.91
9. WATER USAGE	M3	156.81	3063.72
	M3/DAY	5.41	8.39
	M3/M3	0.05	0.08
10.WASTE TREATMENT PLANT COSTS			
A. SALARIES & WAGES	$	10479.23	103766.80
	$/KG COD	0.80	0.67
	$/M3	3.37	2.85
B. CHEMICAL & SUPPLIES	$	146.20	18403.64
	$/KG COD	0.01	0.12
	$/M3	0.05	0.51
C. MAINTENANCE	$	6894.22	44130.26
	$/KG COD	0.53	0.28
	$/M3	2.22	1.21
D. ELECTRICAL POWER	$	6874.00	77015.00
	$/KG COD	0.53	0.49
	$/M3	2.21	2.12
E. SLUDGE DISPOSAL	$	0.00	0.00
	$/KG COD	0.00	0.00
	$/M3	0.00	0.00
F. COMPRESSOR AIR	$	5229.00	53884.00
	$/KG COD	0.40	0.35
	$/M3	1.68	1.48
G. ENVIRONMENTAL LABORATORY	$	3512.23	48168.36
	$/KG COD	0.27	0.31
	$/M3	1.13	1.33
H. TOTAL COSTS	$	33134.88	345368.06
	$/KG COD	2.55	2.22
	$/M3	10.66	9.50

Raw Process Water
Equalization Basin
Emergency Storage Basin
Lift Station
Clarifier
To Aerobic Digester
Aeration Basin
Aeration Basin
Clarifier
Clarifier
Aerobic Digester
Dewatering Beds
Cake to Land Fill
Filtrate to POTW or Emergency Storage
Combined Eff. to POTW
Final Clarifier
Effluent
Sanitary Sewage

3.2 Analysis of the Chemicals used During 1990

3.2.1 Acetone

Acetone is used as a solvent in the production of chlordiazepoxide (Librium), on the chlorocompound, crude base and HCl steps. See figure 1.0. Referring to table 1.0, following are the emission calculations for acetone.

3.2.1.1 Fugitive Emissions

3.2.1.1.1 From System Component Leaks

The total emission rate was taken from the SOCMI emission factors on the AP-42

Product - Chlordiazepoxide

Steps	Pump Seals	Sampling Conn.	Valves	Flanges	lb/hr	hr/yr
Chlorocomp.	2	1	21	40	0.6495	4,532
HCL	2	1	19	80	0.6911	1,510

Component	"Average" SOCMI Factor
Pumps Seals	0.109
Valves	0.0156
Flanges	0.00182
Sampling Connections	0.0331

Total pounds per year emitted: 2,944 + 1,044

= 3,988 lb/yr. acetone

3.2.1.1.2 From WWTP Evaporation.

It was assumed that 5% of the 95.5% treatment efficiency was due to evaporation.

From Table 1.0

Total pounds per year emitted 13,242 (0.05)

= 662 lb/yr acetone

TOTAL FUGITIVE EMISSIONS: 4,650 lb/yr acetone (see Fig. 6.0)

3.2.1.2 Point Air Emissions:

For T-171/173/175 breathing and working losses were considered. From table 1.0, and making a material balance, we obtain:

40,284 - 12,312 - 13,242 - 3,988 = 10,742 lb/yr acetone (see Fig. 6.0)

3.2.2 Methanol

Methanol was used as a solvent in the production of chlordiazepoxide, in the HCL, chlorobase and oxime steps; diazepam, flurazepam and clidinium bromide. See figure 2.0, 2.1, 2.2, and 2.3.

3.2.2.1 Point Air Emissions

T-228 - Breathing and working losses

$*L_b = 0.0226\ (MW)\ (P/Pa-P)^{0.68}\ (D)^{1.73}\ (H)^{0.51}\ (T)^{0.5}\ (Fp)\ (C)\ (Kc)$

MW = 32.04 T = 15°F

P=3.868 psia (Taken from Perry's Handbook, 5th edition)

Pa = 14.7 psia C = 0.3

D = 6 ft Kc = 1

H = 10 (0.3) = 3 ft Fp = 1.4

Lb=62 lb/yr methanol

*Lw = $2.4X10^{-5}$ (MW) (P) (V) (N) (Kn) (Kc)

Lw = 107 lbs/yr methanol

TOTAL RELEASES: lb + Lw = 52.35 lbs.yr methanol

(See Fig. 6.0)

*These equations were taken from AP-42 manual.

3.2.2.2 Fugitive Emissions

3.2.2.2.1 From WWTP Evaporation

= 151,182 (0.05) = 7,559 lb/yr methanol

3.2.2.2.2 From system component leaks Referring to Table 1.0 and making a material balance, we obtain:

= 169,240 -15,508 - 169 - 151,182

= 2,381 lb/yr

TOTAL FUGITIVE EMISSIONS: 7,559 + 2,381

= 9,940 lb/yr methanol

(see Fig. 6.0)

3.2.3 Methylene Chloride

Methylene chloride was used as a solvent on the chemical building and for tablet coating on the pharmaceutical building. Part of the quantity consumed at chemical building was previously recovered and reused on the process. The rest which is registered on table 1.0 was taken from the quantity not used on 1988. (See Figure 3.0)

3.2.3.1 Point Air Emissions

3.2.3.2 Fugitive Emissions

3.2.3.2.1 No Fugitive emissions occurred on pharmaceutical building.

3.2.3.2.2 Fugitive Emissions on Chemical Bldg.

From System component Leaks

Product	Pump Seals	Valves	Flanges	Sampling Conn.	lb/hr	hr/yr
Diazepam & Flurazepan	2	18	27	4	0.68056	7,088

Total pounds per year emitted: 0.68056 (7,088)

= 4,824 lb/yr

From WWTP Evaporation Losses

1,800 (0.05)

= 90

Total Fugitive Emissions : 4,824 + 90

= 4,914 lb/yr (see Fig. 7.0)

The quantity transferred off site was 2,305 lbs.

The quantity recovered from the carbon adsorbers was 30,525 lbs.

152 will be negative

The point source emissions are calculated via mass balance 53,031

152 - 30,252 - 4,914 - 2,305 - 1,800

= 13,608 lbs.

1,800(.95)
1,710

Both refrene Control device

what is the meaning of 152

The carbon adsorber efficiency is then calculated as follows:

$$\frac{30,525}{30,582 + 13,608} = 69\%$$

3.2.4 Sulfuric Acid

Sulfuric Acid was used as a chemical processing aid in the production of chlordiazepoxide. It was also used at the cooling tower blow-down and at the WWTP for neutralization. (See Figure 4.0)

3.2.4.1 No Point Air Emissions occurred on the process.

Note: Since the sulfuric acid was used at the Cooling Tower blow-down and at the WWTP for neutralization, it was assumed that a 100% reacted; therefore no emissions occurred.

3.2.5 Ammonia Gas

Ammonia was used as a chemical processing aid in the production of diazepam and flurazepan. (See Figure 3.0)

3.2.5.1 Point Air Emissions

All the ammonia consumed was treated at the scrubbers. Considering a 99% efficiency from manufacturer data; the total releases were calculated as follows:

14,566 (0.01) = 145.6 lb/yr ammonia

(see Fig. 9.0)

3.2.5.2 No Fugitive Emissions Occurred.

3.2.6 Methyl Ethyl Ketone

Methyl Ethyl Ketone (MEK) usage during 1990 was 12,093 lbs., 11,537 lbs. were transferred to Safety Kleen.

There were 250 lbs. transferred to the WWTP. There were 22 lbs. in the effluent to PRASA.

The difference, or 306 lbs. were assumed to be fugitive emissions.

3.2.7 Toluene

165,071 lbs. were transferred offsite to Safety Kleen, 41,112 lbs were recovered on site.

The working losses according to AP-42 manual equation (see Methanol Calculations) were 53 lbs.

WWTP influent was 250 lbs.

The difference was assumed to be fugitive emissions totalling 3,825 lbs.

3.3 Next Year Report Comments and Recommendations

3.3.1 A TOTAL INVENTORY must be implemented for the entire plant.

3.3.1.1 Chemical consumption must be identified or differentiated from the quantity on stock or stored inside the plant.

3.3.1.2 Tanks that might store the chemical must be accounted for trace the chemicals troughout its usage.

3.3.1.3 When a solvent is recovered and reused, the quantity must be accounted per batch or per day, and differentiated from the fresh solvent.

3.3.1.4 "Shed" storage inventory must be included.

3.3.1.5 RPI should consider the installation of precise metering devices at different points of usage to improve accountability and control.

All this information must be documented and included on periodic reports. Environmental or Regulatory Affairs department must have copy of all this information.

3.3.2 Solvents and chemicals that are treated at the scrubbers and carbon adsorbers must be monitored (inlet and outlet) to determine actual unit efficiency.

3.3.3 Leaks of solvents and chemicals flowing through pipes should be measured to account fugitive emissions. Emission factors used to calculate these emissions give considerably high results and are very unfavorable to industries. This was the

data used to prepare listing of polluting companies published in reports and news media. At your request, PP/A will gladly make a presentation of fugitive emissions measurement.

3.3.4 Air emission permits must be verified to include all atmospheric vented tanks that may store the reportable chemical.

3.3.5 We suggest the following schedule for the reporting cycle ending with the submital to EPA of forms R before July 1, 1992.

ACTIVITY	DATE
Tier III Reporting Requirements (See Attached Forms)	March 01, 1992
Chemical Plant Data	March 15, 1992
WWTP Data	March 15, 1992
Preliminary Report (using 1990 forms)	April 15, 1992
Final Comments	June 01, 1992
Submit Tier III	June 15, 1992

(IMPORTANT: Type or print; read instructions before completing form)

Form Approved OMB Number: 2070-0093
Approval Expires: 11/92

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FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: Sulfuric Acid

WHERE TO SEND COMPLETED FORMS:
1. EPCRA Reporting Center, P.O. Box 23779, Washington, DC 20026-3779, ATTN: TOXIC CHEMICAL RELEASE INVENTORY
2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision: [ ]

For EPA use only:

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 91

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?
[ ] Yes (Answer question 2.2; Attach substantiation forms) [X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official: Ernesto Muñiz, Vice President - Plant Operations

Signature: Ernesto Muñiz

Date Signed: 8/31/92

SECTION 4. FACILITY IDENTIFICATION

4.1
Facility or Establishment Name: Roche Products Inc.
TRI Facility ID Number: 00701RCHPRSTATE
Street Address: State Road 670 Km. 2.7
City: Manatí
County: Puerto Rico
State:
Zip Code: 00674
Mailing Address (if different from street address): P.O. Box 452
City: Manatí
State: Puerto Rico
Zip Code: 00674

PUT LABEL HERE

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United States Environmental Protection Agency

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
Sulfuric Acid

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)	a. [x] An entire facility			b. [ ] Part of a facility			
4.3	Technical Contact	Name: Teresa Pérez				Telephone Number (include area code): 809-854-3020		
4.4	Public Contact	Name: Hector Alvarez				Telephone Number (include area code): 809-854-3020		
4.5	SIC Code (4-digit)	a. 2834	b.	c.	d.	e.	f.	
4.6	Latitude and Longitude	Latitude			Longitude			
		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
		18	27	34	66	25	36	
4.7	Dun & Bradstreet Number(s) (9 digits)	a. 04-100-22						
		b.						
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)	a. PRD090584152						
		b.						
4.9	Facility NPDES Permit Number(s) (9 characters)	a. NA						
		b.						
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)	a. NA						
		b.						

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	
	[ ] NA	Hoffmann-La Roche
5.2	Parent Company's Dun & Bradstreet Number	
	[ ] NA	(9 digits) 48-000-8226

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
SULFURIC ACID

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	7664-93-9
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	Sulfuric Acid
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☒ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☒ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	04	(Enter two-digit code from instruction package.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
SULFURIC ACID

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	[X] NA			
5.2	Stack or point air emissions	[X] NA			
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name: NA				
5.3.2	Stream or Water Body Name:				
5.3.3	Stream or Water Body Name:				
5.4	Underground injections on-site	[X] NA			
5.5	Releases to land on-site				
5.5.1	Landfill	[X] NA			
5.5.2	Land treatment/ application farming	[X] NA			
5.5.3	Surface impoundment	[X] NA			
5.5.4	Other disposal	[X] NA			

[ ] Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
SULFURIC ACID

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__	Stream or Water Body Name			
5.3.__	Stream or Water Body Name			
5.3.__	Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
NA	

6.1.B POTW Name and Location Information

6.1.B.1 POTW Name	6.1.B.__ POTW Name
N/A	N/A
Street Address	Street Address
City / County	City / County
State / Zip Code	State / Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 5.3/6.1 page this is, here. [ ]
(example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: SULFURIC ACID

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. NA	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.):

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Section 6.2 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
SULFURIC ACID

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 C11 2 3 4 5 6 7 8	7A.1c	7A.1d	7A.1e
W		A	100 %	Yes ☐ No ☐
7A.2a	7A.2b: 1 2 3 4 5 6 7 8	7A.2c	7A.2d	7A.2e
			%	Yes ☐ No ☐
7A.3a	7A.3b: 1 2 3 4 5 6 7 8	7A.3c	7A.3d	7A.3e
			%	Yes ☐ No ☐
7A.4a	7A.4b: 1 2 3 4 5 6 7 8	7A.4c	7A.4d	7A.4e
			%	Yes ☐ No ☐
7A.5a	7A.5b: 1 2 3 4 5 6 7 8	7A.5c	7A.5d	7A.5e
			%	Yes ☐ No ☐

If additional copies of page 7 are attached, indicate the total number of pages in this box ☐ and indicate which page 7 this is, here. ☐ (example: 1, 2, 3, etc.)

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: SULFURIC ACID

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical Category, or Generic Name
SULFURIC ACID

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released *	500	0	0	0
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	499	10	499	499
8.7	Quantity treated off-site	0	0	0	0

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	N/A	a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

TRI FACILITY ID: 00701RCHPRSTATE

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

Dear Toxic Release Inventory (EPA Form R) Reporter:

Attached is a report, produced by EPA, which lists the chemical identities and corresponding release values for the Form R's EPA received from the facility listed above for Toxic Release Inventory (TRI) Reporting Year 1991 (RY91).

It is EPA's intention to represent all data reported by your facility as accurately as possible. In order to do this, EPA has implemented a variety of quality control procedures. We believe our data entry is of good quality. However, as a final quality control measure, we ask that you verify the critical release value information listed on this report against your Form R files. If you find any data entry errors, please let us know by following these simple instructions:

- On the attached report, use a red pen to mark through the erroneous value, and write the corrected value next to it.

- Return the corrected report to:

  The EPCRA Reporting Center
  P.O. BOX 3348
  Merrifield, VA 22116-3348
  Attn: TRI 100%

We request that you do this within 21 calendar days of receipt, so that we may correct your data before we make it publicly available in the next data release. If you do not find any errors in this report, no response is necessary.

Please DO NOT use this report to make changes to release values or any other data which you reported incorrectly. Those changes should be submitted to EPA by making a photocopy of your Form R, writing 'REVISION' in red ink in the space labeled 'For Your Optional Use Only' on page one of the form, marking through the original data and writing in the revised data in red ink. The certification signature block on the revised form must contain an original signature. Mark through the photocopied signature and re-sign the revised form. Return the revised form to the address above. The attention line on the envelope should read: 'Attn: RY91 Revision'.

Please keep these facts in mind when reviewing the accuracy and completeness of this report:

1) The report lists only those Form R's which have completed our internal data quality checks. If one or more forms submitted by your facility is not listed here, you will be receiving additional correspondence from us soon.

2) The data represented here may not reflect any voluntary revisions submitted by your facility, if those revisions were not processed by the time we produced this report.

3) We have applied certain naming conventions to the way in which your facility's name is represented. For example, we always list the main company name first, followed by the division name. In addition, we use standard abbreviations for certain words such as Corporation (Corp.) and Highway (Hwy.). Please correct this information only if the actual data is incorrect.

If you have any questions about the information on this report, please call the EPCRA Reporting Center:

703-816-4445

Let the receptionist know that you are calling about the 'TRI 100% Industry Review'. The receptionist will connect you with a person who can answer your questions.

Thank you for your efforts in helping us to make Toxic Release Inventory data as accurate as possible.

Finally, we would like to suggest that you consider using magnetic media for submitting your reports in the future. Magnetic media reporting by a facility allows us to enter your data exactly as you provide it, and eliminates any opportunity for EPA to make data entry errors. A magnetic media program available from EPA will be sent to you along with the 1992 reporting package, free of charge. In addition, there are a number of commercial software packages available for your use which contain features not found in EPA's Automated Form R software. We think that you will find that reporting on diskette is both easier and more cost effective, both for facilities and the government, and that it helps to insure higher data quality. We hope that you will try magnetic media reporting, and submit your future reports on diskette.

Steven D. Newburg-Rinn

Steven D. Newburg-Rinn, Chief
Toxic Release Inventory Information
Management Branch (TS-793)
Information Management Division
Office of Pollution Prevention
and Toxics
Office of Prevention, Pesticides
and Toxic Substances
U.S. Environmental Protection
Agency

TRI FACILITY ID: 00701-RCHPR-STATE

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-91-05572143-5-PR	ACETONE	000067-64-1

5.1	Fugitive or non-point air emissions	19,559
5.2	Stack or point air emissions	1 - 10
5.3.A	Discharges to water bodies NA	no value
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.1.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	4,125
6.2.1.02	Transfer to other off-site	no value
6.1.A	Total quantity transferred to POTWs	11 - 499
8.1.A	Quantity released	15,000
8.1.B	Quantity released	20,000
8.1.C	quantity released	40,000
8.1.D	Quantity released	53,000
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	8,500
8.6.B	Quantity treated on-site	1,100
8.6.C	Quantity treated on-site	2,000
8.6.D	Quantity treated on-site	3,000
8.7.A	Quantity treated off-site	2,600
8.7.B	Quantity treated off-site	67
8.7.C	Quantity treated off-site	130
8.7.D	Quantity treated off-site	200
8.8	Quantity released from remedial actions	0
8.9	Production ratio or activity index	.43

TRI FACILITY ID: 00701-RCHPR-STATE

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-91-05572144-7-PR	SULFURIC ACID	007664-93-9

5.1	Fugitive or non-point air emissions	NA
5.2	Stack or point air emissions	NA
5.3.A	Discharges to water bodies NA	no value
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.1.01	Transfer to other off-site	no value
6.2.1.02	Transfer to other off-site	no value
6.1.A	Total quantity transferred to POTWs	NA
8.1.A	Quantity released	500
8.1.B	Quantity released	0
8.1.C	quantity released	0
8.1.D	Quantity released	0
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	499
8.6.B	Quantity treated on-site	10
8.6.C	Quantity treated on-site	499
8.6.D	Quantity treated on-site	499
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	0
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from remedial actions	0
8.9	Production ratio or activity index	0

TRI FACILITY ID: 00701-RCHPR-STATE

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-91-05572145-0-PR	METHANOL	000067-56-1

5.1	Fugitive or non-point air emissions	34,376
5.2	Stack or point air emissions	11 - 499
5.3.A	Discharges to water bodies NA	no value
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.1.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	12,567
6.2.1.02	Transfer to other off-site	no value
6.1.A	Total quantity transferred to POTWs	11 - 499
8.1.A	Quantity released	10,000
8.1.B	Quantity released	34,000
8.1.C	quantity released	18,000
8.1.D	Quantity released	42,000
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	84
8.6.B	Quantity treated on-site	10,000
8.6.C	Quantity treated on-site	52
8.6.D	Quantity treated on-site	12,000
8.7.A	Quantity treated off-site	7,600
8.7.B	Quantity treated off-site	4,500
8.7.C	Quantity treated off-site	2,300
8.7.D	Quantity treated off-site	2,300
8.8	Quantity released from remedial actions	0
8.9	Production ratio or activity index	.34

TRI FACILITY ID: 00701-RCHPR-STATE

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-91-05572146-2-PR	TOLUENE	000108-88-3

5.1	Fugitive or non-point air emissions	13,081
5.2	Stack or point air emissions	11 - 499
5.3.A	Discharges to water bodies NA	no value
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.1.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	68,865
6.2.1.02	Transfer to other off-site	no value
6.1.A	Total quantity transferred to POTWs	1 - 10
8.1.A	Quantity released	4,000
8.1.B	Quantity released	13,000
8.1.C	quantity released	33,000
8.1.D	Quantity released	21,000
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	41,112
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	300
8.6.B	Quantity treated on-site	50
8.6.C	Quantity treated on-site	100
8.6.D	Quantity treated on-site	170
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	0
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from remedial actions	0
8.9	Production ratio or activity index	.21

TRI FACILITY ID: 00701-RCHPR-STATE

ROCHE PRODUCTS INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Number
13-91-05572147-4-PR	DICHLOROMETHANE	000075-09-2

5.1	Fugitive or non-point air emissions	33,325
5.2	Stack or point air emissions	1,845
5.3.A	Discharges to water bodies NA	no value
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.1.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	12,594
6.2.1.02	Transfer to other off-site	no value
6.1.A	Total quantity transferred to POTWs	1 - 10
8.1.A	Quantity released	18,500
8.1.B	Quantity released	35,170
8.1.C	quantity released	27,000
8.1.D	Quantity released	50,000
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	1,800
8.6.B	Quantity treated on-site	0
8.6.C	Quantity treated on-site	0
8.6.D	Quantity treated on-site	0
8.7.A	Quantity treated off-site	162
8.7.B	Quantity treated off-site	0
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from remedial actions	0
8.9	Production ratio or activity index	.95

R O C H E P R O D U C T S I N C.
INTEROFFICE CORRESPONDENCE

February 25, 1992

TO: Ms. Teresa Pérez

FROM: Eliezer Otero

SUBJECT: TIER I AND II REPORTING REQUIREMENTS

Attached please find the list of hazardous material, covered under SARA (Superfund Amendments and Reauthorization Act of 1986.)

This information corresponds to the 1991 inventories.

If you have any questions, please call me at ext. 368.

Thank you for your usual cooperation.

EO/ysr

C: Ms. I. Kuilan
Mr. E. MacMullan
Mr. E. Muñiz
Ms. M. Muñoz
Mr. N.J. Flores

DATE : FEBRUARY 25, 1992

ROCHE PRODUCTS INC.
PRODUCTION PLANNING DEPARTMENT
HAZARDOUS MATERIAL LIST
TIER I AND II REPORTING REQUIREMENTS

CODE	PRODUCT	MAXIMUM DAILY AMOUNT	AVERAGE DAILY AMOUNT	NUMBER OF DAYS ON SITE	TYPE OF STORAGE	WAREHOUSE 301	WAREHOUSE 302	CHEMICAL 601	PHARMACY 201
22-015	Acetic Acid	16656	5692	365	Tank & Drum		X	X	
22-025	Acetone	11974	11507	365	Tank			X	
22-060	Alcohol 2B	32847	26595	365	Tank			X	
22-140	Ammonia Aqua	2346	2217	365	Tank			X	
22-146	Ammonia Gas Anhydrous	2390	1838	365	Cylinder		X	X	
22-520	Caustic Soda	42881	25109	365	Tank			X	
22-590	Chloracetyl Chloride	7109	1617	365	Drum		X	X	
22-775	Dimethyl Sulfate	2635	2455	365	Drum		X	X	
23-075	Hydrochloric Acid	1745	1738	365	Drum		X	X	
23-100	Hydrogen Chloride Gas	1059	1048	365	Cylinder		X	X	
23-211	Isopropyl Alcohol	24424	24379	365	Tank & Drum		X	X	
23-530	Methanol	31907	29844	365	Tank & Drum		X	X	
23-535	Methyl Bromide Gas	90	90	365	Cylinder		X		
23-545	Methylene Chloride	56819	43578	365	Drum		X	X	
23-625	Mono Methyl Amine Gas	2061	660	365	Cylinder		X	X	
23-645	Muriatic Acid	682	682	365	Drum		X		
23-696	Nitric Acid	6750	6486	365	Tank			X	
23-743	Ortho Xylene	2805	2805	365	Drum		X	X	
24-415	Sulfuric Acid	4052	2640	365	Drum		X	X	
24-530	Toluene	28440	21500	365	Tank			X	
19-380	Methylene Chloride	4535	2497	365	Drum		X		X
22-055	Alcohol 3A	3738	2730	365	Drum		X		X
23-210	Isopropyl Alcohol	1231	801	365	Drum		X		X

ROCHE Roche Products PO BOX 452 - MANATI, PR 00674

Telefax # (809) 884-3644 Telephone # (809) 854-3020

FACSIMILE TRANSMISSION

PLEASE DELIVER TO:

FIRM: _____

ATTN: MATTY MUÑOZ

FAX # (BLANQUI)

DEPT: _____

BLDG _____ FLOOR _____ RM __

SENDER:

NAME: IRIS L. KUILAN

DEPT: REG. AFFAIRS

BLDG: _____ TOTAL FAX PAGES ____

DATE: FEB. 25, 1992

RESPONSE REQUESTED Y/N: _____

We are transmitting from a Ricoh 65 Facsimile, if you do not receive all pages, please call at the above mentioned number and contact MARILYN, at extension number 237. Thank you.

SUBJECT: _____

Form Approved OMB Number: 2070-0093
Approval Expires: 11/92

(IMPORTANT: Type or print; read instructions before completing form)

EPA FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

United States Environmental Protection Agency

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision: X

For EPA use only:

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 91

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?

☐ Yes (Answer question 2.2; Attach substantiation forms)

☒ No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: ☐ Sanitized ☐ Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

MR. LAWRENCE MASCERA - PRESIDENT AND GENERAL MANAGER

Signature: Lawrence Mascera

Date Signed: 6/23/94

SECTION 4. FACILITY IDENTIFICATION

4.1

Facility or Establishment Name: ROCHE PRODUCTS INC.

TRI Facility ID Number: 00701RCHPRSTATE

Street Address: STATE ROAD 670 KM 2.7

City: MANATI

County:

State: PUERTO RICO

Zip Code: 00674

Mailing Address (if different from street address): P.O. BOX 452

City: MANATI

State: PUERTO RICO

Zip Code: 00674

PUT LABEL HERE

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PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Nam: NAPHTHALENE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)	a. [x] An entire facility	b. [ ] Part of a facility				
4.3	Technical Contact	Name: TERESA PEREZ				Telephone Number (include area code): (809) 854-3020	
4.4	Public Contact	Name: HECTOR ALVAREZ				Telephone Number (include area code): (809) 854-3020	
4.5	SIC Code (4-digit)	a. 2834	b. N/A	c.	d.	e.	f.
4.6	Latitude and Longitude	Latitude			Longitude		
		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
		18	25	50	66	28	00
4.7	Dun & Bradstreet Number(s) (9 digits)	a. 04-100-2210					
		b. N/A					
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)	a. PRD090584152					
		b. N/A					
4.9	Facility NPDES Permit Number(s) (9 characters)	a. N/A					
		b.					
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)	a. N/A					
		b.					

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	ROCHE HOLDINGS, INC.
	[ ] NA	
5.2	Parent Company's Dun & Bradstreet Number	
	[ ] NA	(9 digits)

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.) 91-20-3
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.) NAPHTHALENE
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☐ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☒ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	04	(Enter two-digit code from instruction package.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/ year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	☐ NA	0	0	
5.2	Stack or point air emissions	☐ NA	0	0	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name				
	NA				
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	☒ NA			
5.5	Releases to land on-site				
5.5.1	Landfill	☒ NA			
5.5.2	Land treatment/ application farming	☒ NA			
5.5.3	Surface impoundment	☒ NA			
5.5.4	Other disposal	☒ NA			

☐ Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pound

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3 Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
NA	NA

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name		6.1.B.__ POTW Name	
Street Address		Street Address	
City	County	City	County
State	Zip Code	State	Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 5.3/6.1 page this is, here. [ ] (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name: NA

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds;

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 2 3 4 5 6 7 8	7A.1c	7A.1d	7A.1e
NA			%	Yes [ ] No [ ]
7A.2a	7A.2b: 1 2 3 4 5 6 7 8	7A.2c	7A.2d	7A.2e
			%	Yes [ ] No [ ]
7A.3a	7A.3b: 1 2 3 4 5 6 7 8	7A.3c	7A.3d	7A.3e
			%	Yes [ ] No [ ]
7A.4a	7A.4b: 1 2 3 4 5 6 7 8	7A.4c	7A.4d	7A.4e
			%	Yes [ ] No [ ]
7A.5a	7A.5b: 1 2 3 4 5 6 7 8	7A.5c	7A.5d	7A.5e
			%	Yes [ ] No [ ]

If additional copies of page 7 are attached, indicate the total number of pages in this box [ ] and indicate which page 7 this is, here. [ ] (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Chemical Category or Generic Name: NAPHTHALENE

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

All quantity estimates can be reported using up to two significant figures.		Column A 1990 (pounds/year)	Column B 1991 (pounds/year)	Column C 1992 (pounds/year)	Column D 1993 (pounds/year)
8.1	Quantity released*	0	0	0	0
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	0	0	0	0
8.7	Quantity treated off-site	0	0	0	0

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	.43

8.10 NA — Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	NA	a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging

Form Approved OMB Number: 2070-0093
Approval Expires: 11/92

(IMPORTANT: Type or print; read instructions before completing form)

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FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA Reporting Center
   P.O. Box 3348
   Merrifield, VA 22116-3348
   ATTN: TOXIC CHEMICAL RELEASE INVENTORY
2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)

Enter "X" here if this is a revision: X

For EPA use only:

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 92

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?

[ ] Yes (Answer question 2.2; Attach substantiation forms) [X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official: MR. LAWRENCE MASCERA - PRESIDENT AND GENERAL MANAGER

Signature: Lawrence Mascera Date Signed: 6/23/94

SECTION 4. FACILITY IDENTIFICATION

4.1

Facility or Establishment Name: ROCHE PRODUCTS INC.

TRI Facility ID Number: 00701RCHPRSTATE

Street Address: STATE ROAD 670 KM 2.7

City: MANATI

County:

State: PUERTO RICO

Zip Code: 00674

Mailing Address (if different from street address): P.O. BOX 452

City: MANATI

State:

Zip Code:

PUT LABEL HERE

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PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)	a. [x] An entire facility	b. [ ] Part of a facility				
4.3	Technical Contact	Name: TERESA PEREZ				Telephone Number (include area code): (809) 854-3020	
4.4	Public Contact	Name: HECTOR ALVAREZ				Telephone Number (include area code): (809) 854-3020	
4.5	SIC Code (4-digit)	a. 2834	b. N/A	c.	d.	e.	f.
4.6	Latitude and Longitude	Latitude			Longitude		
		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
		18	25	50	66	28	00
4.7	Dun & Bradstreet Number(s) (9 digits)	a. 04-100-2210					
		b. N/A					
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)	a. PRD090584152					
		b. N/A					
4.9	Facility NPDES Permit Number(s) (9 characters)	a. N/A					
		b.					
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)	a. N/A					
		b.					

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	ROCHE HOLDINGS INC.
	[ ] NA	
5.2	Parent Company's Dun & Bradstreet Number	
	[x] NA	(9 digits)

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	91-20-3
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	NAPHTHALENE
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☐ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☒ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	04	(Enter two-digit code from instruction package.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	☐ NA	0	0	
5.2	Stack or point air emissions	☐ NA	0	0	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name				
	NA				
5.3.2	Stream or Water Body Name				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	☒ NA			
5.5	Releases to land on-site				
5.5.1	Landfill	☒ NA			
5.5.2	Land treatment/ application farming	☒ NA			
5.5.3	Surface impoundment	☒ NA			
5.5.4	Other disposal	☒ NA			

☐ Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3 Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
NA	NA

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name	6.1.B.__ POTW Name
NA	
Street Address	Street Address
City / County	City / County
State / Zip Code	State / Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Sections 5.3/6.1 page this is, here. [ ] (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name: NA

Street Address

City | County

State | Zip Code | Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. NA	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.)

Off-Site Location Name

Street Address

City | County

State | Zip Code | Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds;

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b 1 2 3 4 5 6 7 8	7A.1c	7A.1d	7A.1e
NA			%	Yes [ ] No [ ]
7A.2a	7A.2b 1 2 3 4 5 6 7 8	7A.2c	7A.2d	7A.2e
			%	Yes [ ] No [ ]
7A.3a	7A.3b 1 2 3 4 5 6 7 8	7A.3c	7A.3d	7A.3e
			%	Yes [ ] No [ ]
7A.4a	7A.4b 1 2 3 4 5 6 7 8	7A.4c	7A.4d	7A.4e
			%	Yes [ ] No [ ]
7A.5a	7A.5b 1 2 3 4 5 6 7 8	7A.5c	7A.5d	7A.5e
			%	Yes [ ] No [ ]

If additional copies of page 7 are attached, indicate the total number of pages in this box [ ] and indicate which page 7 this is, here. [ ] (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] **Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.**

Energy Recovery Methods (enter 3-character code(s))

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] **Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.**

Recycling Methods (enter 3-character code(s))

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Chemical, Category, or Generic Name: NAPHTHALENE

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

All quantity estimates can be reported using up to two significant figures.		Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released*	0	0	0	0
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	0	0	0	0
8.7	Quantity treated off-site	0	0	0	0
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index	1.92			

8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

NA

	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1	NA	a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* ... to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, dischargi... on-site or off-site

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FORM R TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE
(See instructions in Appendix F)

Enter "X" here if this is a revision: [ ]

For EPA use only:

IMPORTANT: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR

19 93

SECTION 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?

[ ] Yes (Answer question 2.2; Attach substantiation forms)

[X] No (Do not answer 2.2; Go to Section 3)

2.2 If yes in 2.1, is this copy: [ ] Sanitized [ ] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, th submitted information is true and complete and that the amounts and values in this report are accurate based c reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

MR. LAWRENCE MASCERA - PRESIDENT AND GENERAL MANAGER

Signature:

Date Signed:

SECTION 4. FACILITY IDENTIFICATION

4.1

Facility or Establishment Name: ROCHE PRODUCTS INC.

TRI Facility ID Number: 00701RCHPRSTATE

Street Address: STATE ROAD 670 KM 2.7

City: MANATI

County:

State: PUERTO RICO

Zip Code: 00674

Mailing Address (if different from street address): P.O. BOX 452

City: MANATI

State:

Zip Code:

PUT LABEL HERE

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PART II. CHEMICAL-SPECIFIC INFORMATION

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)
	91-20-3
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)
	NAPHTHALENE
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes." Generic Name must be structurally descriptive.)

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. ☐ Produce b. ☐ Import	If produce or import: c. ☐ For on-site use/processing d. ☐ For sale/distribution e. ☐ As a byproduct f. ☐ As an impurity
3.2	Process the toxic chemical:	a. ☐ As a reactant b. ☐ As a formulation component	c. ☐ As an article component d. ☐ Repackaging
3.3	Otherwise use the toxic chemical:	a. ☐ As a chemical processing aid b. ☐ As a manufacturing aid	c. ☒ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	06	(Enter two-digit code from instruction package.)

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PART I. FACILITY IDENTIFICATION INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Na: NAPHTHALENE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)	a. [x] An entire facility		b. [ ] Part of a facility			
4.3	Technical Contact	Name: TERESA PEREZ			Telephone Number (include area cod: (809) 854-3020		
4.4	Public Contact	Name: HECTOR ALVAREZ			Telephone Number (include area cod: (809) 854-3020		
4.5	SIC Code (4-digit)	a. 2834	b. N/A	c.	d.	e.	f.
4.6	Latitude and Longitude	Latitude			Longitude		
		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
		18	25	50	66	28	00
4.7	Dun & Bradstreet Number(s) (9 digits)	a. 04-100-22					
		b. N/A					
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)	a. PRD090584152					
		b. N/A					
4.9	Facility NPDES Permit Number(s) (9 characters)	a. N/A					
		b.					
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)	a. N/A					
		b.					

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	
	[ ] NA	HOFFMANN-LA ROCHE
5.2	Parent Company's Dun & Bradstreet Number	
	[ ] NA	(9 digits) 48-000-8226

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: NAPHTHALENE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

			A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	[x] NA			
5.2	Stack or point air emissions	[ ] NA	0	0	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1	Stream or Water Body Name: NA				
5.3.2	Stream or Water Body Name: NA				
5.3.3	Stream or Water Body Name				
5.4	Underground injections on-site	[x] NA			
5.5	Releases to land on-site				
5.5.1	Landfill	[x] NA			
5.5.2	Land treatment/ application farming	[x] NA			
5.5.3	Surface impoundment	[x] NA			
5.5.4	Other disposal	[x] NA			

[ ] Check here only if additional Section 5.3 information is provided on page 5 of this form.

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

5.3 Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			
5.3.__ Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
NA	

6.1.B POTW Name and Location Information

6.1.B.__ POTW Name		6.1.B.__ POTW Name	
Street Address		Street Address	
City	County	City	County
State	Zip Code	State	Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Sections 5.3/6.1 page this is, here: ☐ (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. Off-site EPA Identification Number (RCRA ID No.): NA

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. NA	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. Off-site EPA Identification Number (RCRA ID No.):

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code: Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds;

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b: 1 2 3 4 5 6 7 8	7A.1c	7A.1d	7A.1e
NA			%	Yes [ ] No [ ]
7A.2a	7A.2b: 1 2 3 4 5 6 7 8	7A.2c	7A.2d	7A.2e
			%	Yes [ ] No [ ]
7A.3a	7A.3b: 1 2 3 4 5 6 7 8	7A.3c	7A.3d	7A.3e
			%	Yes [ ] No [ ]
7A.4a	7A.4b: 1 2 3 4 5 6 7 8	7A.4c	7A.4d	7A.4e
			%	Yes [ ] No [ ]
7A.5a	7A.5b: 1 2 3 4 5 6 7 8	7A.5c	7A.5d	7A.5e
			%	Yes [ ] No [ ]

If additional copies of page 7 are attached, indicate the total number of pages in this box [ ] and indicate which page 7 this is, here. [ ] (example: 1, 2, 3, etc.)

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] **Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.**

Energy Recovery Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] **Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.**

Recycling Methods [enter 3-character code(s)]

1 [ ] 2 [ ] 3 [ ] 4 [ ] 5 [ ]

6 [ ] 7 [ ] 8 [ ] 9 [ ] 10 [ ]

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PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Chemical, Category, or Generic Name
NAPHTHALENE

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1992 (pounds/year)	Column B 1993 (pounds/year)	Column C 1994 (pounds/year)	Column D 1995 (pounds/year)
8.1	Quantity released *	0	0	0	0
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	0	0	0
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	0	0	0	0
8.7	Quantity treated off-site	0	0	0	0

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0
8.9	Production ratio or activity index	1.71

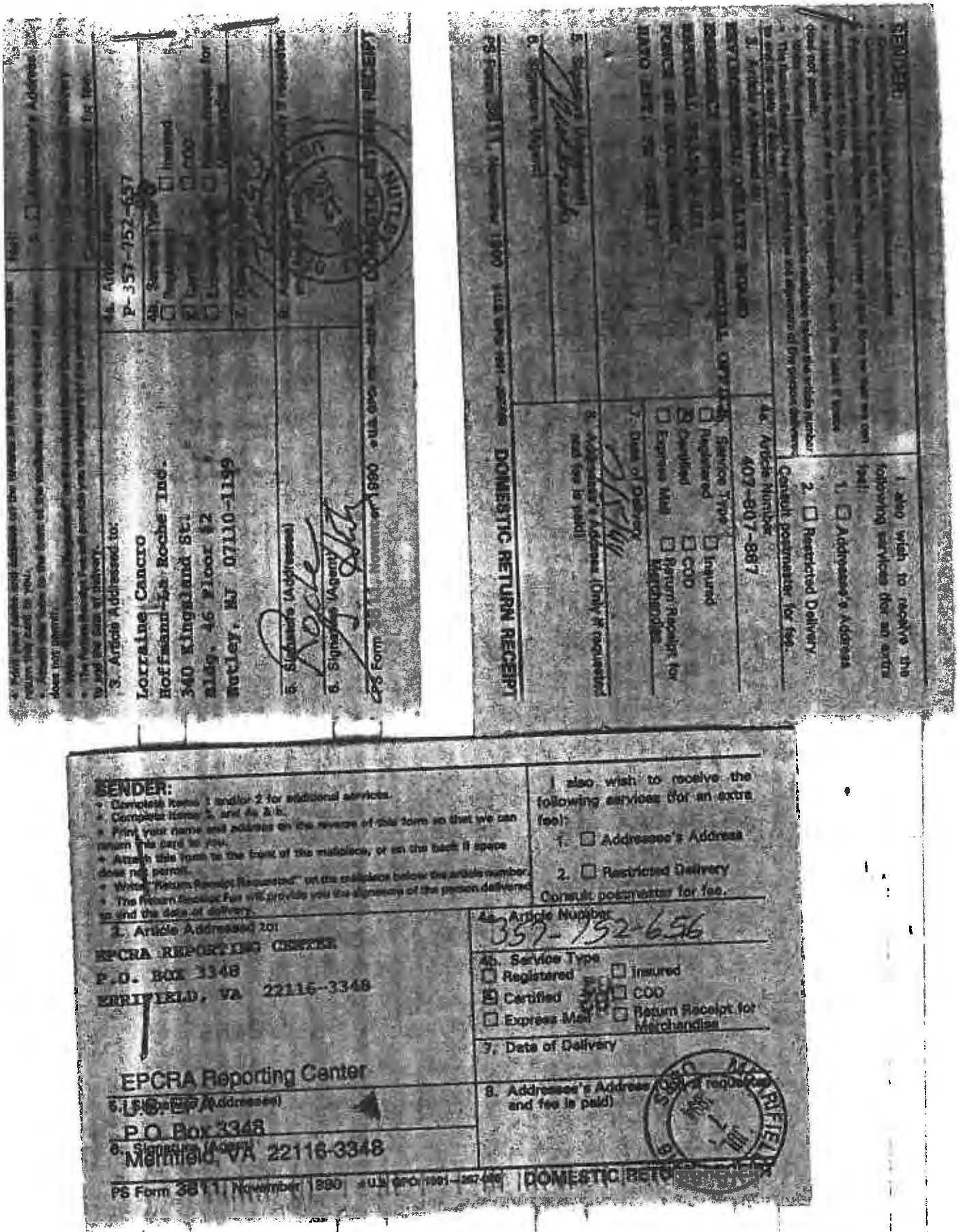
8.10 Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.

NA

	Source Reduction Activities (enter code(s))	Methods to Identify Activity (enter codes)		
8.10.1	NA	a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

		YES	NO
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)		X

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.



SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery
Consult postmaster for fee.

3. Article Addressed to:
EPCRA REPORTING CENTER
P.O. BOX 3348
ERRIFIELD, VA 22116-3348

4a. Article Number
357-752-656

4b. Service Type
☐ Registered ☐ Insured
☑ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

5. Received By: (Addressee)
EPCRA Reporting Center

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Agent)
P.O. Box 3348
Merrifield, VA 22116-3348

PS Form 3811, November 1990 *U.S. GPO: 1991-287-465 DOMESTIC RETURN RECEIPT

ROCHE PRODUCTS INC.
Utilities Section

M E M O R A N D U M

TO: Ms. Teresa Pérez

FROM: José Serrano

DATE: February 25, 1992

SUBJECT: **TIER I & II REPORTING REQUIREMENTS**

As per your request please find inventory of the gasoline and diesel at our plant site covering the period from January 1 to December 31, 1991.

	Kerosene (Utilities)	Gasoline (Maintenance)	Diesel (Maintenance)
Maximum Daily Amount	2,997,000 lbs.	18,480 lbs.	13,340 lbs.
Average Daily Amount	2,081,250 lbs.	9,240 lbs.	6,670 lbs.
Number of days on site	365 days	365 days	365 days
Type of Storage	Tank(*)	Tank(*)	Tank(*)
Storage Location	Site, North Buildings 501 & 502	Site, South Building 503	Site, South Building 503

(*) All tanks are aboveground and diked.

Note: Usage of storage tank (kerosene) North Building 501 was discontinued during this year.

If you need additional information, please contact me at Ext. 576 or 577.

JS/nm

REGULATORY AFFAIRS DEPT.
RECEIVED
FEB 2 5 1992
FILE ☐ COMMENT ☐
COPY ☐ DISCARD ☐

ROCHE PRODUCTS INC.
Utilities Section

M E M O R A N D U M

TO: Teresa Pérez

FROM: Margie Rodríguez

DATE: February 21, 1992

SUBJECT: **ANALYSIS FOR TIER I & II REPORT**

As requested on your memo dated Feb. 11, 1992, follows the information on kerosene and chlorine inventories on site covering the period from January 1 to December 31, 1991. In addition, enclosed are figures for sulfuric acid and chromate.

	Kerosene	Chlorine	Sulfuric Acid	Chromate
Maximum Daily Amount	1,360,945/lbs.	1,350/lbs.	8,000/lbs.	668/lbs.
Average Daily Amount	1,168,699/lbs.	1,125/lbs	4,000/lbs.	630/lbs.
Number of days on site	365/days	365/days	365/days	365/days
Type of Storage	(*) Tank	(+)Cylinder	(x) Drums	(°)Drums
Storage Location	North of 502 Bldg.(Energy Center)	Cooling Tower	Chemical Storage	Chemical Storage

(*) Above ground
(x) 800 lbs./each
(+) 150 lbs./each
(°) 197 lbs. & 310 lbs. (35 gals. & 55 gals.)

If you need additional information, please contact me at Ext. #449.

MR/nm

c: T. Alvarado

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PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Transfers (pounds/yr) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1 . 1	[ ] [X] [ ]		6.1.1b O	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2 . 1	[ ] [ ] [ ]	2,305	6.2.1b M	6.2.1c M 5 0
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2 .	[ ] [ ] [ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2 .	[ ] [ ] [ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[ ] Not Applicable (NA) - Check if no on-site treatment is applied to any waste stream containing the chemical or chemical catagory

	A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.1	a A	b P 2 1	c 1	d [ ]	e 60 %	f [ ] [X]
7.2	a W	b P 0 1	c 3	d [X]	e %	f [ ] [ ]
7.3	a W	b P 1 1	c	d [X]	e %	f [ ] [ ]
7.4	a W	b B 1 1	c	d [X]	e %	f [ ] [ ]
7.5	a W	b P 1 3	c	d [X]	e %	f [ ] [ ]
7.6	a W	b P 1 1	c	d [X]	e 91 %	f [X] [ ]
7.7	a	b	c	d [ ]	e %	f [ ] [ ]
7.8	a	b	c	d [ ]	e %	f [ ] [ ]
7.9	a	b	c	d [ ]	e %	f [ ] [ ]
7.10	a	b	c	d [ ]	e %	f [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M			[ ] + [ ] - %	.	R

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PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Release (pounds/yr) A.1 Reporting Ranges 1-10 11-499 500-999	A. Total Release (pounds/yr) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. % From Stormwater
5.3 Discharges to receiving streams or water bodies 5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
(Enter letter code from Part I Section 3.10 for stream(s) in the box provided.) 5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr) A.1 Reporting Ranges 1-10 11-499 500-999	A. Total Transfers (pounds/yr) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1 ☐	[ ] [ ] [ ]		6.1.___b ☐	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes No
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]

Form Approved OMB No.: 2070-0093
Approval Expires: 01/94

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20603.

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach substantiation forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 90

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official

Ernesto Muñiz/Vice President Plant Operations

Signature [signature] Date signed 6/28/91

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name

00701RCHPRSTATE
ROCHE PRODUCTS INC.
STATE ROAD 670 KM. 2.7
MANATI PR 00701

TRI Facility Identification Number

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one) a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Juan Corchado — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Hector L. Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. N/A c. d. e. f.

3.6

Latitude			Longitude		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
018	025	46.88	066	027	55.7

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. N/A

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. N/A

3.9 NPDES Permit Number(s): a. N/A b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. N/A b. c. d. e.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. N/A b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: Hoffman La-Roche

4.2 Parent Company's Dun & Bradstreet Number: 48-000-8226

EPA

EPA FORM R

PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name	1.2 POTW name
Barceloneta Regional Sewage Treatment Plant	N/A
Street Address: Road 684 Km. 3.7 Bo. Palmas Altas	Street Address:
City: Barceloneta; County:	City: ; County:
State: PR; Zip: 00612	State: ; Zip:

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE).

2.1 Off-site location name	2.2 Off-site location name
Safety Kleen Envirosystems Inc.	N/A
EPA Identification Number (RCRA ID. No.): PRD090399718	EPA Identification Number (RCRA ID. No.):
Street Address: Km. 51 Highway #2	Street Address:
City: Manati; County:	City: ; County:
State: PR; Zip: 00674	State: ; Zip:
Is location under control of reporting facility or parent company? [ ] Yes [X] No	Is location under control of reporting facility or parent company? [ ] Yes [ ] No

2.3 Off-site location name	2.4 Off-site location name
EPA Identification Number (RCRA ID. No.):	EPA Identification Number (RCRA ID. No.):
Street Address:	Street Address:
City: ; County:	City: ; County:
State: ; Zip:	State: ; Zip:
Is location under control of reporting facility or parent company? [ ] Yes [ ] No	Is location under control of reporting facility or parent company? [ ] Yes [ ] No

2.5 Off-site location name	2.6 Off-site location name
EPA Identification Number (RCRA ID. No.):	EPA Identification Number (RCRA ID. No.):
Street Address:	Street Address:
City: ; County:	City: ; County:
State: ; Zip:	State: ; Zip:
Location under control of reporting facility or parent company? [ ] Yes [ ] No	Is location under control of reporting facility or parent company? [ ] Yes [ ] No

[ ] Check if additional pages of Part II are attached. How many? _____

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	[Reserved]
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.) 67-56-1
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) Methanol
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.) N/A

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

2. Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).) N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	If produce or import: c. [ ] For on-site use/processing	d. [ ] For sale/ distribution
		b. [ ] Import	e. [ ] As a byproduct	f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	b. [ ] As a formulation component	c. [ ] As an article component
		d. [ ] Repackaging only		
3.3	Otherwise use the chemical:	a. [X] As a chemical processing aid	b. [ ] As a manufacturing aid	c. [ ] Ancillary or other use

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][4] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)

		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10	11-499	500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater N/A
5.1 Fugitive or non-point air emissions	5.1a	[ ]	[ ]	[ ]	9,940	5.1b [O]	
5.2 Stack or point air emissions	5.2a	[ ]	[X]	[ ]		5.2b [O]	
5.3 Discharges to receiving streams or water bodies (Enter letter code from Part I Section 3.10 for stream(s) in the box provided.) 5.3.1 [ ]	5.3.1a	[ ]	[ ]	[ ]	N/A	5.3.1b [ ]	5.3.1c %
5.3.2 [ ]	5.3.2a	[ ]	[ ]	[ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ]	[ ]	[ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection	5.4a	[ ]	[ ]	[ ]	N/A	5.4b [ ]	
5.5 Releases to land							
5.5.1 On-site landfill	5.5.1a	[ ]	[ ]	[ ]	N/A	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ]	[ ]	[ ]	N/A	5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ]	[ ]	[ ]	N/A	5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ]	[ ]	[ ]	N/A	5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Transfers (pounds/yr) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1 1	[ ] [ ] [ ]	7559	6.1.1b O	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2 1	[ ] [ ] [ ]	15,508	6.2.1b M	6.2.1c M 5 0
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[ ] Not Applicable (NA) - Check if no on-site treatment is applied to any waste stream containing the chemical or chemical catagory

	A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.1	a W	b P01	c 2	d [X]	e N/A %	f [ ] [ ]
7.2	a W	b P01	c	d [X]	e N/A %	f [ ] [ ]
7.3	a W	b B11	c	d [X]	e N/A %	f [ ] [ ]
7.4	a W	b P13	c	d [X]	e N/A %	f [ ] [ ]
7.5	a W	b P11	c	d [X]	e 91 %	f [X] [ ]
7.6	a	b	c	d [ ]	e %	f [ ] [ ]
7.7	a	b	c	d [ ]	e %	f [ ] [ ]
7.8	a	b	c	d [ ]	e %	f [ ] [ ]
7.9	a	b	c	d [ ]	e %	f [ ] [ ]
7.10	a	b	c	d [ ]	e %	f [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M			[ ] + [ ] - %		R

EPA

EPA FORM R

PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Release (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C.% From Stormwater
	A.1 Reporting Ranges 1–10 11–499 500–999	A.2 Enter Estimate		
5.3 Discharges to receiving streams or water bodies 5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
(Enter letter code from Part I Section 3.10 for stream(s) in the box provided.) 5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
	A.1 Reporting Ranges 1–10 11–499 500–999	A.2 Enter Estimate		
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1 ☐	[ ] [ ] [ ]		6.1.___b ☐	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes No
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]

For Approved OMB No.: 2070-0093
Approval Expires: 01/94

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach substantiation forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 90

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official

Ernesto Muñiz/Vice President Plant Operations

Signature Ernesto Muñiz Date signed 6/28/91

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name

00701RCHPRSTATE
ROCHE PRODUCTS INC.
STATE ROAD 670 KM. 2.7
MANATI PR
00701

TRI Facility Identification Number

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one) a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Juan Corchado — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Hector L. Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit) a. 2834 b. N/A c. d. e. f.

3.6

Latitude			Longitude		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
018	025	46.88	066	027	55.7

3.7 Dun & Bradstreet Number(s) a. 04-100-2210 b. N/A

3.8 EPA Identification Number(s) (RCRA I.D. No.) a. PRD090584152 b. N/A

3.9 NPDES Permit Number(s) a. N/A b.

3.10 Receiving Streams or Water Bodies (enter one name per box) a. N/A b. c. d. e.

3.11 Underground Injection Well Code (UIC) Identification Number(s) a. N/A b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: Hoffman La-Roche

4.2 Parent Company's Dun & Bradstreet Number: 48-000-8226

EPA

EPA FORM R

PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
Barceloneta Regional Sewage Treatment Plant		N/A	
Street Address		Street Address	
Road 684 Km. 3.7 Bo. Palmas Altas			
City	County	City	County
Barceloneta			
State	Zip	State	Zip
PR	00612		

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE).

2.1 Off-site location name		2.2 Off-site location name	
Safety Kleen Envirosystems Inc.		N/A	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
PRD090399718			
Street Address		Street Address	
Km. 51 Highway #2			
City	County	City	County
Manati			
State	Zip	State	Zip
PR	00674		
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [X] No		[ ] Yes [ ] No	

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [ ] No		[ ] Yes [ ] No	

2.5 Off-site location name		2.6 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [ ] No		[ ] Yes [ ] No	

[ ] Check if additional pages of Part II are attached. How many? _____

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	[Reserved]
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.) 108-88-3
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) Toluene
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.) N/A

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

2. Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).) N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	e. [ ] As a byproduct	d. [ ] For sale/ distribution; f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	d. [ ] Repackaging only	b. [ ] As a formulation component		c. [ ] As an article component
3.3	Otherwise use the chemical:	a. [X] As a chemical processing aid		b. [ ] As a manufacturing aid		c. [ ] Ancillary or other use

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][4] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Release (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater N/A
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [ ]	3,825	5.1b [C]	
5.2 Stack or point air emissions	5.2a	[ ] [X] [ ]		5.2b [O]	
5.3 Discharges to receiving streams or water bodies 5.3.1 [ ]	5.3.1a	[ ] [ ] [ ]	N/A	5.3.1b [ ]	5.3.1c %
(Enter letter code from Part I Section 3.10 for stream(s) in the box provided.) 5.3.2 [ ]	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection	5.4a	[ ] [ ] [ ]	N/A	5.4b [ ]	
5.5 Releases to land	5.5.1a	[ ] [ ] [ ]	N/A	5.5.1b [ ]	
5.5.1 On-site landfill	5.5.2a	[ ] [ ] [ ]	N/A	5.5.2b [ ]	
5.5.2 Land treatment/application farming	5.5.3a	[ ] [ ] [ ]	N/A	5.5.3b [ ]	
5.5.3 Surface impoundment	5.5.4a	[ ] [ ] [ ]	N/A	5.5.4b [ ]	
5.5.4 Other disposal					

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr) A.1 Reporting Ranges 1–10	11–499	500–999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1 1	[ ]	[X]	[ ]		6.1.1b O	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2 1	[ ]	[ ]	[ ]	165,071	6.2.1b M	6.2.1c M 5 0
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2	[ ]	[ ]	[ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2	[ ]	[ ]	[ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check if no on-site treatment is applied to any waste stream containing the chemical or chemical catagory

	A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes	No
7.1	a W	b P01	c 3	d [X]	e N/A %	f [ ]	[ ]
7.2	a W	b P11	c	d [X]	e N/A %	f [ ]	[ ]
7.3	a W	b B11	c	d [X]	e N/A %	f [ ]	[ ]
7.4	a W	b P13	c	d [X]	e N/A %	f [ ]	[ ]
7.5	a W	b P11	c	d [X]	e 5.0 %	f [X]	[ ]
7.6	a	b	c	d [ ]	e %	f [ ]	[ ]
7.7	a	b	c	d [ ]	e %	f [ ]	[ ]
7.8	a	b	c	d [ ]	e %	f [ ]	[ ]
7.9	a	b	c	d [ ]	e %	f [ ]	[ ]
7.10	a	b	c	d [ ]	e %	f [ ]	[ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M			☐ + ☐ - %		R

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EPA FORM R
PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C. % From Stormwater
		A.1 Reporting Ranges 1–10 11–499 500–999	A.2 Enter Estimate		
5.3 Discharges to receiving streams or water bodies	5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
(Enter letter code from Part I Section 3.10 for stream(s) in the box provided.)	5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
	5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
	A.1 Reporting Ranges 1–10 11–499 500–999	A.2 Enter Estimate		
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1 ☐	[ ] [ ] [ ]		6.1.___b ☐	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes No
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]

Form proved OMB No.: 2070-0093
Approval Expires: 01/94

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

Public reporting burden for this collection of information is estimated to vary from 20 to 36 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach substantiation forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year: 19 90

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official: Ernesto Muñiz/Vice President Plant Operations

Signature: Ernesto Muñiz Date signed: 6/28/91

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name:
s00701RCHPRSTATE
ROCHE PRODUCTS INC.
STATE ROAD 670 KM. 2.7
MANATI PR 00701

TRI Facility Identification Number:

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Juan Corchado — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Hector L. Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. N/A c. d. e. f.

3.6

Latitude			Longitude		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
018	025	46.88	066	027	55.7

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. N/A

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. N/A

3.9 NPDES Permit Number(s): a. N/A b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. N/A b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. N/A b.

4. PARENT COMPANY INFORMATION

Name of Parent Company: Parent Company's Dun & Bradstreet Number:

EPA

EPA FORM R

PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name	1.2 POTW name
Barceloneta Regional Sewage Treatment Plant	N/A
Street Address	**Street Address**
Road 684 Km. 3.7 Bo. Palmas Altas	
City / **County**	**City** / **County**
Barceloneta	
State / **Zip**	**State** / **Zip**
PR 00612	

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE).

2.1 Off-site location name	2.2 Off-site location name
Safety Kleen Envirosystems Inc.	N/A
EPA Identification Number (RCRA ID. No.)	**EPA Identification Number (RCRA ID. No.)**
PRD090399718	
Street Address	**Street Address**
Km. 51 Highway #2	
City / **County**	**City** / **County**
Manati	
State / **Zip**	**State** / **Zip**
PR 00674	
Is location under control of reporting facility or parent company?	Is location under control of reporting facility or parent company?
[ ] Yes [X] No	[ ] Yes [ ] No

2.3 Off-site location name	2.4 Off-site location name
EPA Identification Number (RCRA ID. No.)	**EPA Identification Number (RCRA ID. No.)**
Street Address	**Street Address**
City / **County**	**City** / **County**
State / **Zip**	**State** / **Zip**
Is location under control of reporting facility or parent company?	Is location under control of reporting facility or parent company?
[ ] Yes [ ] No	[ ] Yes [ ] No

2.5 Off-site location name	2.6 Off-site location name
EPA Identification Number (RCRA ID. No.)	**EPA Identification Number (RCRA ID. No.)**
Street Address	**Street Address**
City / **County**	**City** / **County**
State / **Zip**	**State** / **Zip**
Is location under control of reporting facility or parent company?	Is location under control of reporting facility or parent company?
[ ] Yes [ ] No	[ ] Yes [ ] No

[ ] Check if additional pages of Part II are attached. How many? _____

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	[Reserved]
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.) 766-41-7
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) Ammonia
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.) N/A

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).) N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	e. [ ] As a byproduct	d. [ ] For sale/ distribution; f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	d. [ ] Repackaging only	b. [ ] As a formulation component		c. [ ] As an article component
3.3	Otherwise use the chemical:	a. [X] As a chemical processing aid		b. [ ] As a manufacturing aid		c. [ ] Ancillary or other use

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][3] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10	11-499	500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater N/A
5.1 Fugitive or non-point air emissions	5.1a	[X]	[ ]	[ ]		5.1b [O]	
5.2 Stack or point air emissions	5.2a	[ ]	[X]	[ ]		5.2b [O]	
5.3 Discharges to receiving streams or water bodies (Enter letter code from Part I Section 3.10 for stream(s) in the box provided.) 5.3.1 [ ]	5.3.1a	[ ]	[ ]	[ ]	N/A	5.3.1b [ ]	5.3.1c %
5.3.2 [ ]	5.3.2a	[ ]	[ ]	[ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ]	[ ]	[ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection	5.4a	[ ]	[ ]	[ ]	N/A	5.4b [ ]	
5.5 Releases to land 5.5.1 On-site landfill	5.5.1a	[ ]	[ ]	[ ]	N/A	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ]	[ ]	[ ]	N/A	5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ]	[ ]	[ ]	N/A	5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ]	[ ]	[ ]	N/A	5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

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PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr) A.1 Reporting Ranges 1–10 11–499 500–999	A. Total Transfers (pounds/yr) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1 .	[ ] [ ] [ ]	N/A	6.1.1b [ ]	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2 .	[ ] [ ] [ ]	N/A	6.2.1b [ ]	6.2.1c M [ ] [ ]
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2 .	[ ] [ ] [ ]		6.2.2b [ ]	6.2.2c M [ ] [ ]
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2 .	[ ] [ ] [ ]		6.2.3b [ ]	6.2.3c M [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[ ] Not Applicable (NA) - Check if no on-site treatment is applied to any waste stream containing the chemical or chemical catagory

	A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes	No
7.1	a [A]	b [A 0 3]	c [1]	d [ ]	e 99 %	f [X]	[ ]
7.2	a [ ]	b [ ] [ ] [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.3	a [ ]	b [ ] [ ] [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.4	a [ ]	b [ ] [ ] [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.5	a [ ]	b [ ] [ ] [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.6	a [ ]	b [ ] [ ] [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.7	a [ ]	b [ ] [ ] [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.8	a [ ]	b [ ] [ ] [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.9	a [ ]	b [ ] [ ] [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.10	a [ ]	b [ ] [ ] [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal			C. Index	D. Reason for Action (enter code)
	Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))		
M [ ]	_____	_____	[ ] + [ ] - _____ %	[ ] . [ ]	R [ ]

EPA

EPA FORM R

PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C.% From Stormwater
		A.1 Reporting Ranges 1–10 11–499 500–999	A.2 Enter Estimate		
5.3 Discharges to receiving streams or water bodies	5.3.___ ☐ 5.3.___a	[ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
(Enter letter code from Part I Section 3.10 for stream(s) in the box provided.)	5.3.___ ☐ 5.3.___a	[ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
	5.3.___ ☐ 5.3.___a	[ ] [ ] [ ]		5.3.___b ☐	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A.Total Transfers (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
	A.1 Reporting Ranges 1–10 11–499 500–999	A.2 Enter Estimate		
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1 ☐☐	[ ] [ ] [ ]		6.1.___b ☐	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes No
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]

Form approved OMB No.: 2070-0093
Approval Expires: 01/94

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

Public reporting burden for this collection of information is estimated to vary from 20 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach substantiation forms.) [X] No (Do not answer 1.2; go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year: 19 90

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official: Ernesto Muñiz/Vice President Plant Operations

Signature: Ernesto Muñiz Date signed: 6/28/91

3. FACILITY IDENTIFICATION

Facility or Establishment Name

3.1 00701RCHPRSTATE
ROCHE PRODUCTS INC.
STATE ROAD 670 KM. 2.7
MANATI PR 00701

TRI Facility Identification Number

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Juan Corchado — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Hector L. Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. N/A c. d. e. f.

3.6

Latitude			Longitude		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
018	025	46.88	066	027	55.7

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. N/A

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. N/A

3.9 NPDES Permit Number(s): a. N/A b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. N/A b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. N/A b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: [illegible] F. Hoffman La-Roche

4.2 Parent Company's Dun & Bradstreet Number: 48-000-8226

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PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
Barceloneta Regional Sewage Treatment Plant		N/A	
Street Address		Street Address	
Road 684 Km. 3.7 Bo. Palmas Altas			
City	County	City	County
Barceloneta			
State	Zip	State	Zip
PR	00612		

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE).

2.1 Off-site location name		2.2 Off-site location name	
Safety Kleen Envirosystems Inc.		N/A	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
PRD090399718			
Street Address		Street Address	
Km. 51 Highway #2			
City	County	City	County
Manati			
State	Zip	State	Zip
PR	00674		
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [X] No		[ ] Yes [ ] No	

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?		s location under control of reporting facility or parent company?	
[ ] Yes [ ] No		[ ] Yes [ ] No	

2.5 Off-site location name		2.6 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
cation under control of reporting facility or parent company?		s location under control of reporting facility or parent company?	
[ ] Yes [ ] No		[ ] Yes [ ] No	

[ ] Check if additional pages of Part II are attached. How many? _____

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	[Reserved]
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.) 7664-93-9
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) Sulfuric Acid
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.) N/A

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).)

N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	e. [ ] As a byproduct	d. [ ] For sale/ distribution; f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	d. [ ] Repackaging only	b. [ ] As a formulation component		c. [ ] As an article component
3.3	Otherwise use the chemical:	a. [X] As a chemical processing aid		b. [ ] As a manufacturing aid		c. [ ] Ancillary or other use

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][4] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10	11-499	500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater N/A
5.1 Fugitive or non-point air emissions	5.1a	[ ]	[X]	[ ]		5.1b [O]	
5.2 Stack or point air emissions	5.2a	[X]	[ ]	[ ]		5.2b [O]	
5.3 Discharges to receiving streams or water bodies (Enter letter code from Part I Section 3.10 for stream(s) in the box provided.) 5.3.1	5.3.1a	[ ]	[ ]	[ ]	N/A	5.3.1b [ ]	5.3.1c %
5.3.2	5.3.2a	[ ]	[ ]	[ ]		5.3.2b [ ]	5.3.2c %
5.3.3	5.3.3a	[ ]	[ ]	[ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection	5.4a	[ ]	[ ]	[ ]	N/A	5.4b [ ]	
5.5 Releases to land 5.5.1 On-site landfill	5.5.1a	[ ]	[ ]	[ ]	N/A	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ]	[ ]	[ ]	N/A	5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ]	[ ]	[ ]	N/A	5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ]	[ ]	[ ]	N/A	5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Transfers (pounds/yr) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1 .	[ ] [ ] [ ]	N/A	6.1.1b	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2 .	[ ] [ ] [ ]	N/A	6.2.1b	6.2.1c M
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2 .	[ ] [ ] [ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2 .	[ ] [ ] [ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

☐ Not Applicable (NA) - Check if no on-site treatment is applied to any waste stream containing the chemical or chemical catagory

	A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes	No
7.1	a W	b C 1 1	c 1	d [X]	e 100 %	f [ ]	[X]
7.2	a	b	c	d [ ]	e %	f [ ]	[ ]
7.3	a	b	c	d [ ]	e %	f [ ]	[ ]
7.4	a	b	c	d [ ]	e %	f [ ]	[ ]
7.5	a	b	c	d [ ]	e %	f [ ]	[ ]
7.6	a	b	c	d [ ]	e %	f [ ]	[ ]
7.7	a	b	c	d [ ]	e %	f [ ]	[ ]
7.8	a	b	c	d [ ]	e %	f [ ]	[ ]
7.9	a	b	c	d [ ]	e %	f [ ]	[ ]
7.10	a	b	c	d [ ]	e %	f [ ]	[ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M			☐ + ☐ - %	.	R

EPA

EPA FORM R

PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Release (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C. % From Stormwater
	A.1 Reporting Ranges 1-10 11-499 500-999	A.2 Enter Estimate		
5.3 Discharges to receiving streams or water bodies (Enter letter code from Part I Section 3.10 for stream(s) in the box provided.) 5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
	A.1 Reporting Ranges 1-10 11-499 500-999	A.2 Enter Estimate		
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]		6.1.___b	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes	No
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]

Form Approved OMB No.: 2070-0093
Approval Expires: 01/94

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093). Washington, D.C. 20503.

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach substantiation forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 90

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official: Ernesto Muñiz/Vice President Plant Operations

Signature: Ernesto Muñiz Date signed: 6/28/91

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name:
s00701RCHPRSTATE
ROCHE PRODUCTS INC.
STATE ROAD 670 KM. 2.7
MANATI PR 00701

TRI Facility Identification Number:

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Juan Corchado — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Hector L. Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. N/A c. d. e. f.

3.6

Latitude			Longitude		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
018	025	46.88	066	027	55.7

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. N/A

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. N/A

3.9 NPDES Permit Number(s): a. N/A b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. N/A b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. N/A b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: Hoffman La-Roche

4.2 Parent Company's Dun & Bradstreet Number: 48-000-8226

EPA

EPA FORM R

PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
Barceloneta Regional Sewage Treatment Plant		N/A	
Street Address		Street Address	
Road 684 Km. 3.7 Bo. Palmas Altas			
City	County	City	County
Barceloneta			
State	Zip	State	Zip
PR	00612		

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE).

2.1 Off-site location name		2.2 Off-site location name	
Safety Kleen Envirosystems Inc.		N/A	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
PRD090399718			
Street Address		Street Address	
Km. 51 Highway #2			
City	County	City	County
Manati			
State	Zip	State	Zip
PR	00674		
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [X] No		[ ] Yes [ ] No	

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [ ] No		[ ] Yes [ ] No	

2.5 Off-site location name		2.6 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
location under control of reporting facility or parent company?		Is location under control of reporting facility or parent company?	
[ ] Yes [ ] No		[ ] Yes [ ] No	

[ ] Check if additional pages of Part II are attached. How many? _____

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	[Reserved]
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.) 67-64-1
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) Acetone
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.) N/A

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

2. Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).) N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	e. [ ] As a byproduct
		d. [ ] For sale/ distribution	f. [ ] As an impurity		
3.2	Process the chemical:	a. [ ] As a reactant	b. [ ] As a formulation component	c. [ ] As an article component	d. [ ] Repackaging only
3.3	Otherwise use the chemical:	a. [X] As a chemical processing aid	b. [ ] As a manufacturing aid	c. [ ] Ancillary or other use	

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][4] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater N/A
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [ ]	4,650	5.1b [O]	
5.2 Stack or point air emissions	5.2a	[ ] [ ] [ ]	10,742	5.2b [M]	
5.3 Discharges to receiving streams or water bodies (Enter letter code from Part I Section 3.10 for stream(s) in the box provided.) 5.3.1 [ ]	5.3.1a	[ ] [ ] [ ]	N/A	5.3.1b [ ]	5.3.1c %
5.3.2 [ ]	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection	5.4a	[ ] [ ] [ ]	N/A	5.4b [ ]	
5.5 Releases to land 5.5.1 On-site landfill	5.5.1a	[ ] [ ] [ ]	N/A	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ] [ ] [ ]	N/A	5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ] [ ] [ ]	N/A	5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ] [ ] [ ]	N/A	5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Transfers (pounds/yr) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1.1	[ ] [ ] [ ]	2,648	6.1.1b O	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2.1	[ ] [ ] [ ]	12,312	6.2.1b M	6.2.1c M50
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2.	[ ] [ ] [ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2.	[ ] [ ] [ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[ ] Not Applicable (NA) - Check if no on-site treatment is applied to any waste stream containing the chemical or chemical catagory

	A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes	No
7.1	a W	b P01	c 2	d [X]	e %	f [ ]	[ ]
7.2	a W	b P11	c [ ]	d [X]	e %	f [ ]	[ ]
7.3	a W	b B11	c [ ]	d [X]	e %	f [ ]	[ ]
7.4	a W	b P13	c [ ]	d [X]	e %	f [ ]	[ ]
7.5	a W	b P11	c [ ]	d [X]	e 80 %	f [X]	[ ]
7.6	a [ ]	b [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.7	a [ ]	b [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.8	a [ ]	b [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.9	a [ ]	b [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]
7.10	a [ ]	b [ ]	c [ ]	d [ ]	e %	f [ ]	[ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M			[ ] + [ ] - %	[ ] [ ]	R

EPA

EPA FORM R

PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Release (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C.% From Stormwater
	A.1 Reporting Ranges 1–10 [ ] 11–499 [ ] 500–999 [ ]	A.2 Enter Estimate		
5.3 Discharges to receiving streams or water bodies 5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
(Enter letter code from Part I Section 3.10 for stream(s) in the box provided.) 5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
5.3.___ ☐	5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/yr)		B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
	A.1 Reporting Ranges 1–10 [ ] 11–499 [ ] 500–999 [ ]	A.2 Enter Estimate		
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1 ☐	[ ] [ ] [ ]		6.1.___b ☐	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes No
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 0 / 1-499 / 500-999	A. Total Transfers (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]		6.1.1b	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.1b	6.2.1c M
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[ ] Not Applicable (NA) – Check if no on-site treatment is applied to any wastestream containing the chemical or chemical category.

A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.1a	7.1b	7.1c	7.1d [ ]	7.1e %	7.1f [ ] [ ]
7.2a	7.2b	7.2c	7.2d [ ]	7.2e %	7.2f [ ] [ ]
7.3a	7.3b	7.3c	7.3d [ ]	7.3e %	7.3f [ ] [ ]
7.4a	7.4b	7.4c	7.4d [ ]	7.4e %	7.4f [ ] [ ]
7.5a	7.5b	7.5c	7.5d [ ]	7.5e %	7.5f [ ] [ ]
7.6a	7.6b	7.6c	7.6d [ ]	7.6e %	7.6f [ ] [ ]
7.7a	7.7b	7.7c	7.7d [ ]	7.7e %	7.7f [ ] [ ]
7.8a	7.8b	7.8c	7.8d [ ]	7.8e %	7.8f [ ] [ ]
7.9a	7.9b	7.9c	7.9d [ ]	7.9e %	7.9f [ ] [ ]
7.10a	7.10b	7.10c	7.10d [ ]	7.10e %	7.10f [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M	_____	_____	[ ] + [ ] - _____ %	[ ] [ ]	R

COMMONWEALTH OF PUERTO RICO / OFFICE OF THE GOVERNOR

Environmental Quality Board

MATTLE S. MUNOZ
RECEIVED
DEC - 7 1992
FILE COMMENT
COPY DISCARD

30 DIC. 1991

RE: 1991 Hazardous Waste
Biennial Report

Dear Sir/Madam:

According to the Rule 503 A of the Regulation for the Control of Hazardous and Non - Hazardous Solid Wastes, a generator who ships any hazardous waste off-site to a treatment, storage or disposal facility and/or a facility who receive hazardous wastes for treatment, storage and disposal of such wastes, must prepare and submit a single copy of a Biennial Report to the Puerto Rico Environmental Quality Board (EQB) by March 1 of each even numbered year.

During recent years, the Biennial Report form used to report the management activities of the hazardous wastes has been amended by the Environmental Protection Agency (EPA).

The purpose of these amendments is to help the states in collecting the necessary information to comply with the requirements of the Section 104 (c) (9) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as amended. This Section establishes that the states have the responsibility to develop and submit every two years a Hazardous Waste Management Plant that assure to the EPA Regional Administrator that each state has the capability to handle its own wastes. However, since at present the EQB has not develop its own Biennial Report form, we have adopt the EPA form. Therefore, eventhough the enclosed report form is the one provided by the EPA, it must be submitted to the EQB (original copy).

The suitable unit of measure to be reported is the short tons (T). If necessary, use the following conversion factors:

Convertion Table

Code	To Convert	To	Multiply By
P	Pound	Short ton (2,000 lbs.)	0.00050
K	Kilogram	" "	0.001102
M	Metric Tones (1,000 kg)	" "	1.102311

FORM OI

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Roche Products INC MANATI

EPA ID NO: PRD 090 584 152

FORM 01

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: PRD 090 399 718

B. Name of off-site installation or transporter: Safety Kleen Environmental Systems

C. Handler type (CHECK ALL THAT APPLY)
- [X] Generator
- [ ] Transporter
- [X] TSDR

D. Address of generator
- Street: Highway #2 km 51.0 (PO Box 1098)
- City: Manati
- State: [ ] Zip: 00701-1098

Site 2

A. EPA ID No. of off-site installation or transporter: LAD 010 395 127

B. Name of off-site installation or transporter: Rollins

C. Handler type (CHECK ALL THAT APPLY)
- [ ] Generator
- [ ] Transporter
- [X] TSDR

D. Address of generator
- Street: 13351 Scenic Highway
- City: Baton Rouge - Louisiana
- State: [ ] Zip: [ ]

Site 3

A. EPA ID No. of off-site installation or transporter: NJD 980 536 593

B. Name of off-site installation or transporter: AETC Advance Environmental Technology Corporation

C. Handler type (CHECK ALL THAT APPLY)
- [ ] Generator
- [ ] Transporter
- [ ] TSDR

D. Address of generator
- Street: 1 Eden Lane
- City: Flanders New Jersey
- State: [ ] Zip: 07836

Site 4

A. EPA ID No. of off-site installation or transporter: [ ]

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- [ ] Generator
- [ ] Transporter
- [ ] TSDR

D. Address of generator
- Street:
- City:
- State: [ ] Zip: [ ]

Site 5

A. EPA ID No. of off-site installation or transporter: [ ]

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- [ ] Generator
- [ ] Transporter
- [ ] TSDR

D. Address of generator
- Street:
- City:
- State: [ ] Zip: [ ]

Comments:

To change liquid measure to weight measure should be used the density formula:

D= m/v where: D= density, m= mass and v= volume

Example:

If you have two fifty five gallons drums, 90% full, of spent toluene, how may short tons do you have?

Data:

D= 0.87 kg/l

V= 2 (55 gallons) (3.785332 liter/gallons) (0.9)= 374,748

M= DV= 0.87 kg/l (374.74 8 l)

M= 326.031 kg

Using the convertion table:

326.031 kg (0.001102 T/kg)

= 0.3593 short ton

Attached, you will find the instructions and forms booklet to be filled out.

If your company has obtained a declassification to non-handler or small quantity generator of hazardous wastes, written evidence of said action must be included.

Failure to submit the report by March 1, 1992, will result in the assessment of penalty. Attached, please find biennial report forms and additional information.

The EQB and EPA will be offering a training pertaining the 1991 Hazardous Waste Biennial Report, on February 12, 1992. The purpose of the training is to help you out to understand how this new format will be filled out.

We will like to share with you this information and have your concern about this new format. Please, let us know if you will be attending the training before January 15, 1992.

If you need additional information do not hesitate to contact the Land Pollution Control Area, at 767-8181 ext. 2730 or 767-8118.

Cordially,

Flor L. Del Valle López
Director
Land Pollution Control Area

AGP/sec

Enclosure

INTEROFFICE CORRESPONDENCE

TO : Mr. Juan Corchado

FROM : Eliezer Otero

Subject :Tier III Reporting Requirements

Date : MAY 22, 1991
(Revised Copy)

Chemical Compounds
Total Quantity Used During 1990

CODE	PRODUCT	QUANTITY	
22025	Acetone	26,850.20	KG.
22146	Ammmonia Gas	6,606.22	KG.
19051	N-Botyl Chloride	---	KG.
23545	Methylene Chloride	24,569.88	KG.
22775	Dimethyl Sulfate	1,870.73	KG.
23075	Hydrochloric Acid	3.531.00	KG.
23645	Muriatic Acid	3,361.68	KG.
23100	Hydrogen Chloride	1,222.52	KG.
23211	Isopropyl Alcohol	46,006.02	KG.
23530	Methanol	76,927.20	KG.
23696	Nitric Acid	4,860.00	KG.
24415	Sulfuric Acid	4,808.37	KG.
24530	Toluene	95,360.10	KG.
23743	Oxylene	2,975.00	KG.
22055	Alcohol 3A	4,120.03	KG.
22060	Alcohol 2B	61,795.80	KG.

REF. Memo Mr. J. Corchado
March 20,1991

DISTRIBUTION:

Prepared By Evelyn Verdejo

Ms. I. Kuilan
Mr. N. Flores
Mr. E. Macmullan
Ms. M. Munoz

Appendix B - List of Figures and Tables

Fig. 1.0

ACETONE FLOW DIAGRAM

PRODUCT: CHLORDIAZEPOXIDE

STEPS: CHLOROBASE / CHLOROCOMPOUNDS / WET & DRY ACETONE DISTILLATION

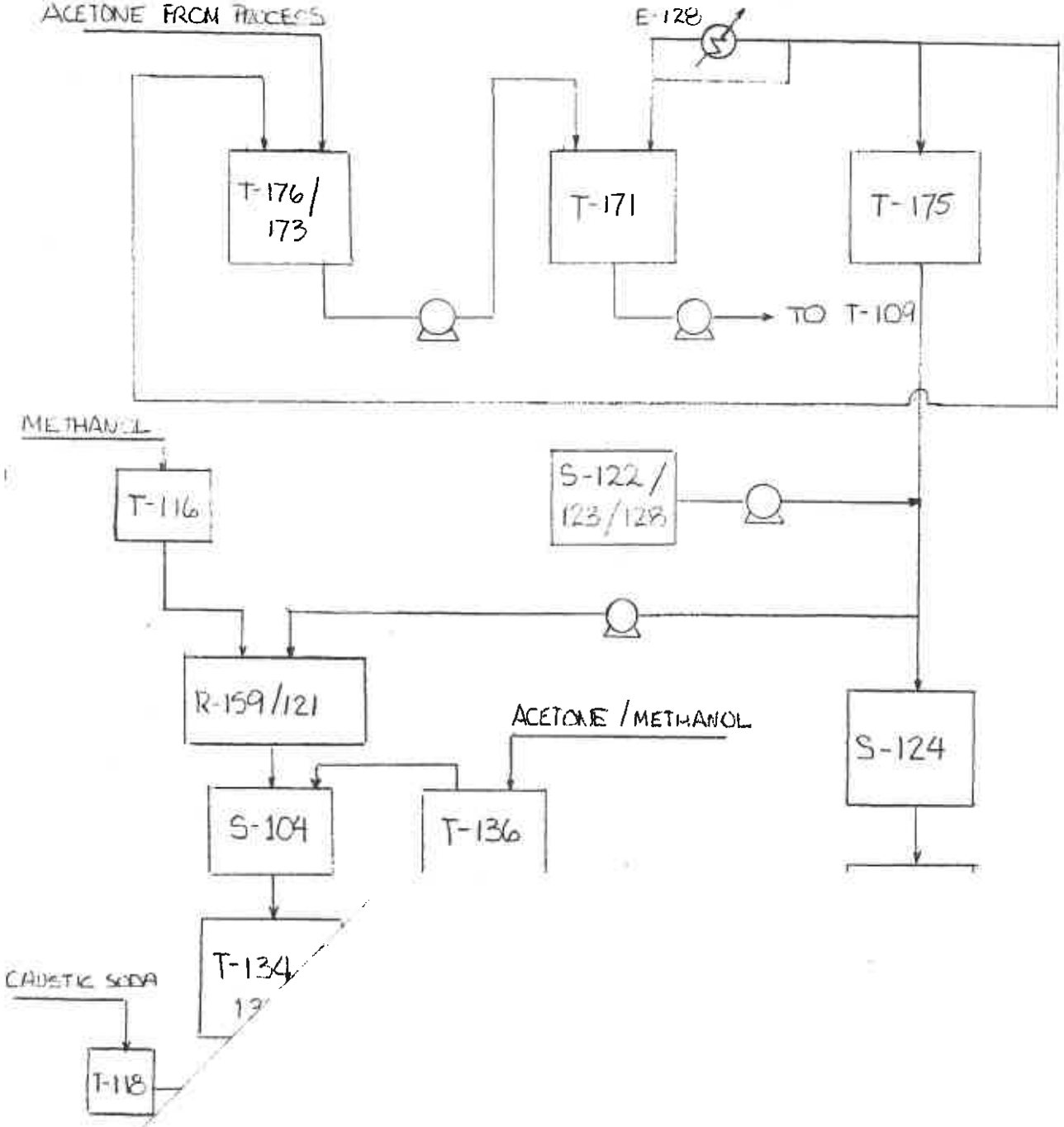


Fig. 2.0

METHANOL FLOW DIAGRAM

PRODUCT: CHLORDIAZEPOXIDE

STEPS: HCl / OXIME / CHLOROBASE

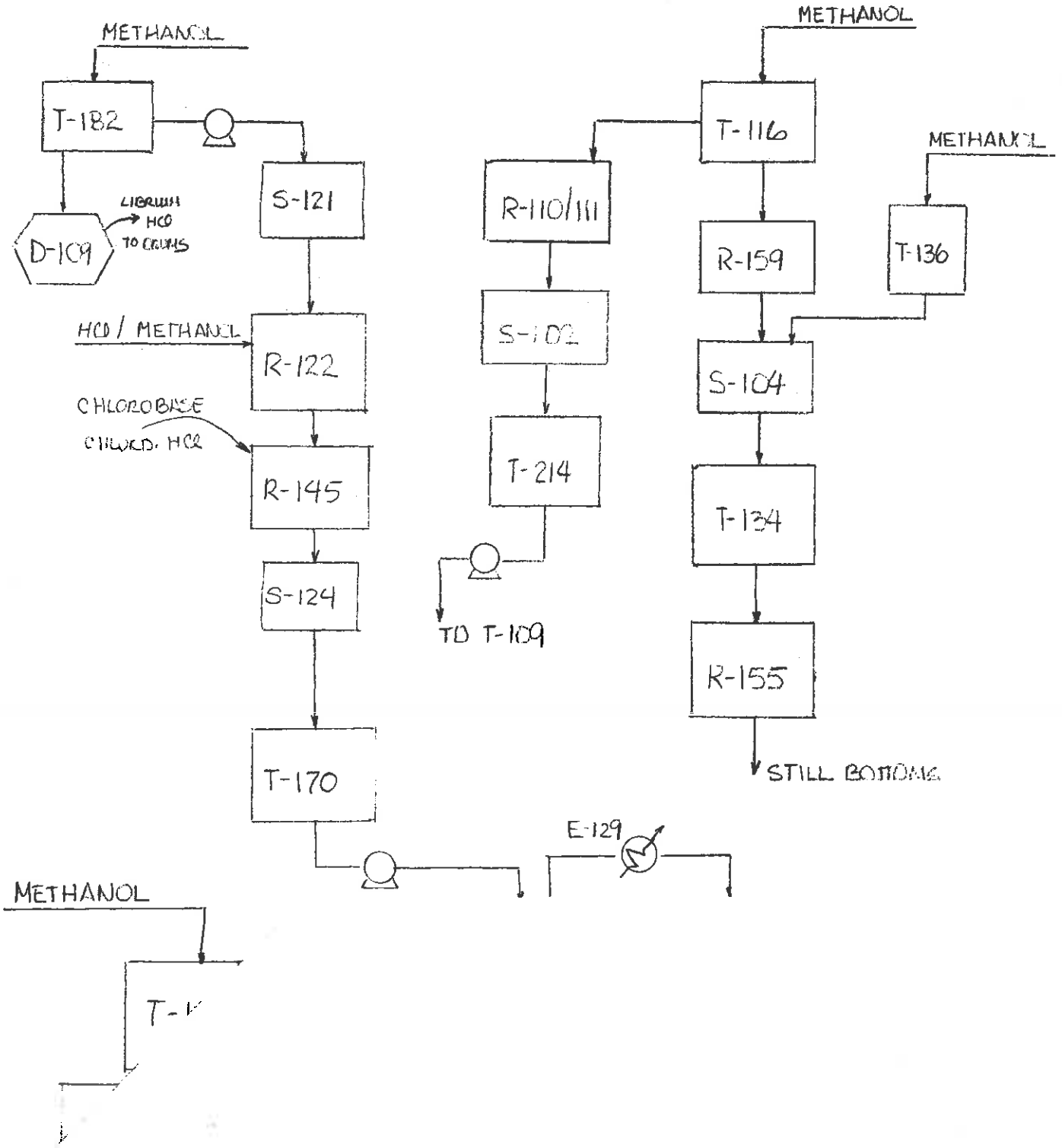


Fig. 2.1

METHANOL FLOW DIAGRAM (CONT.)

PRODUCT: DIAZEPAM STEPS: CRUDE DIAZEPAM / DESOXYLACTAM

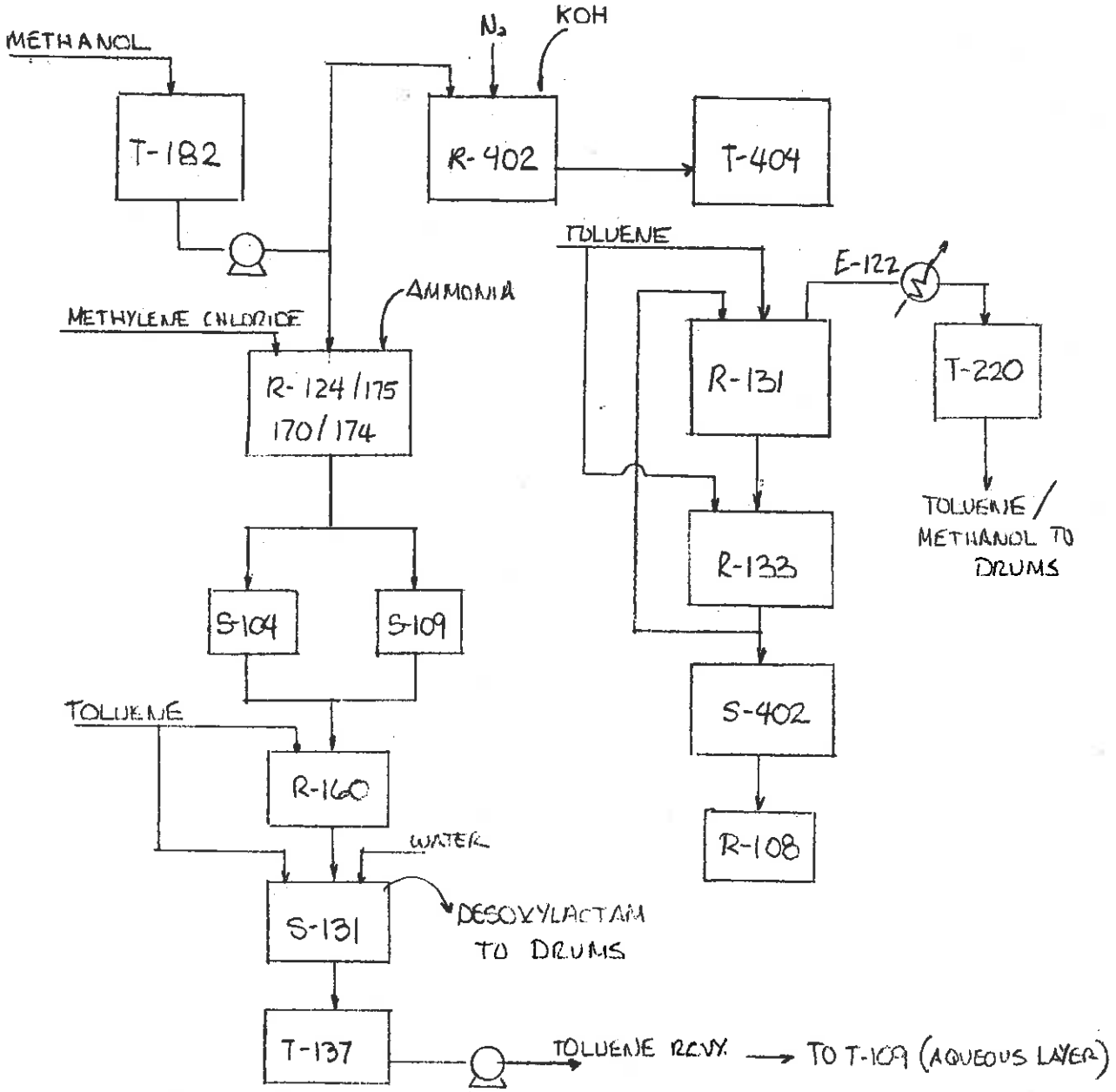


Fig. 2.2

PRODUCT:

T-18

Fig. 2.3

METHANOL FLOW DIAGRAM (CONT.)

PRODUCT: CLIDINIUM BROMIDE

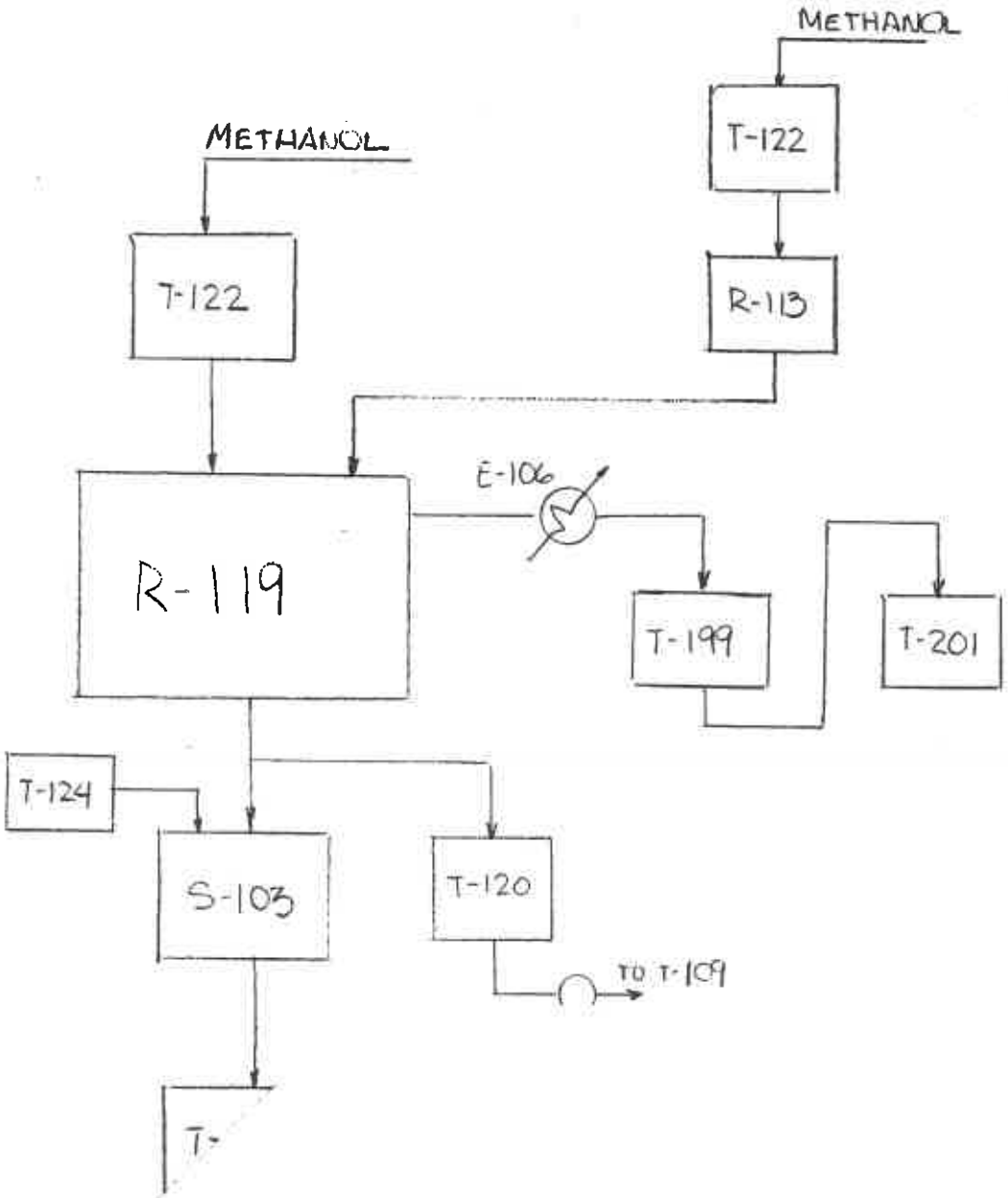


Fig. 3.0

METHYLENE CHLORIDE FLOW DIAGRAM

PRODUCT: DIAZEPAM / FLURAZEPAM

STEPS: DESOXYLACTAM / FLUORO LACTAM

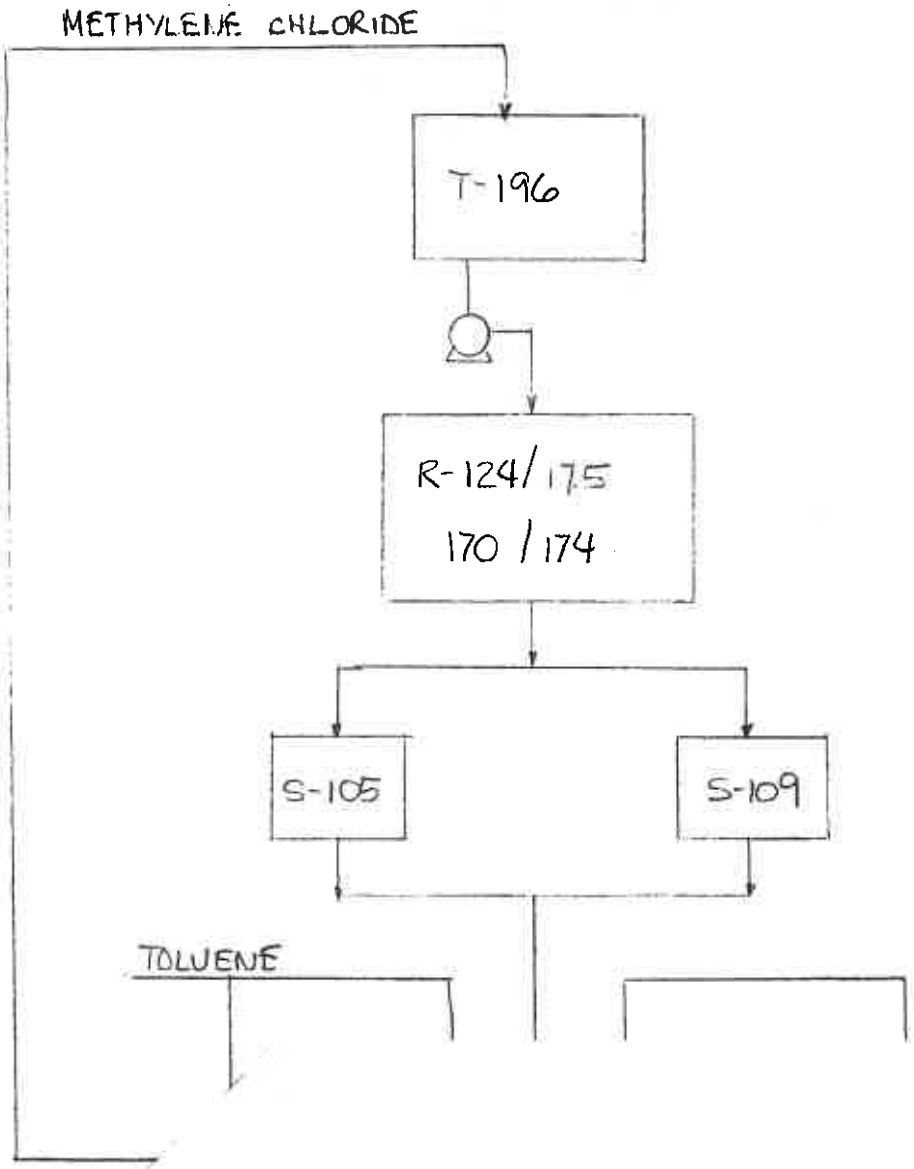
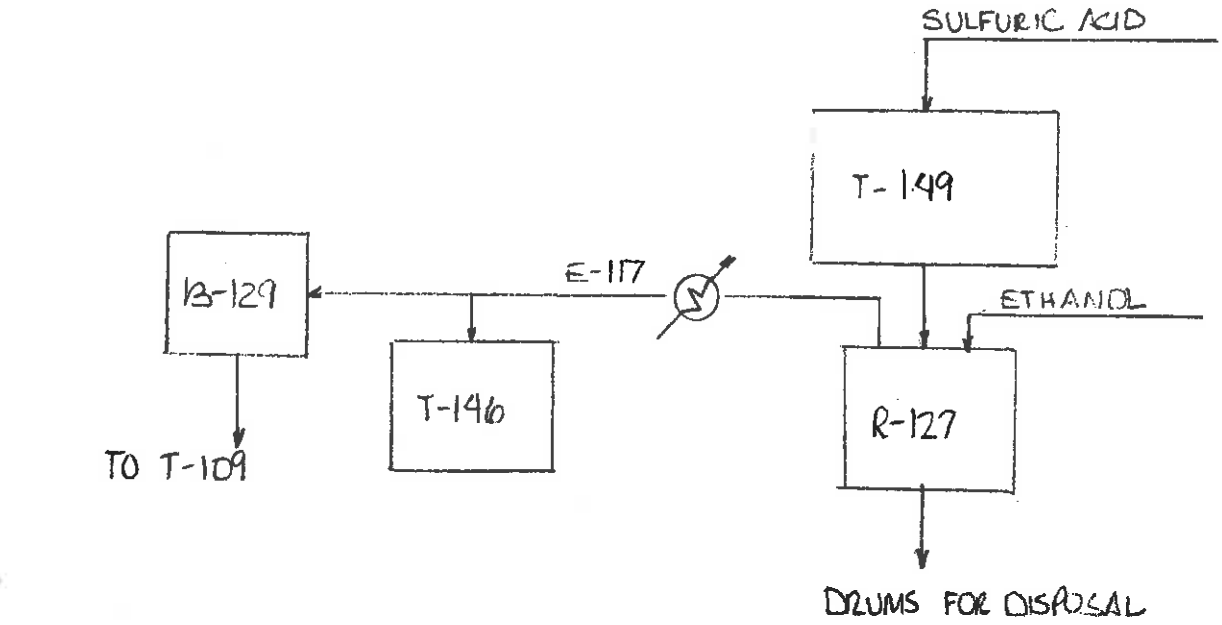


Fig. 4.0

SULFURIC ACID FLOW DIAGRAM

PRODUCT: CHLORDIAZEPOXIDE

STEPS: CRUDE ETHANOL RECOVERY | RE-OXIMATION



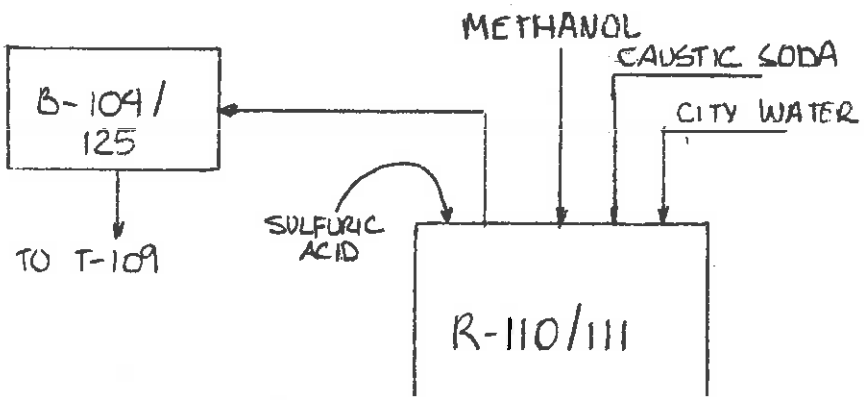
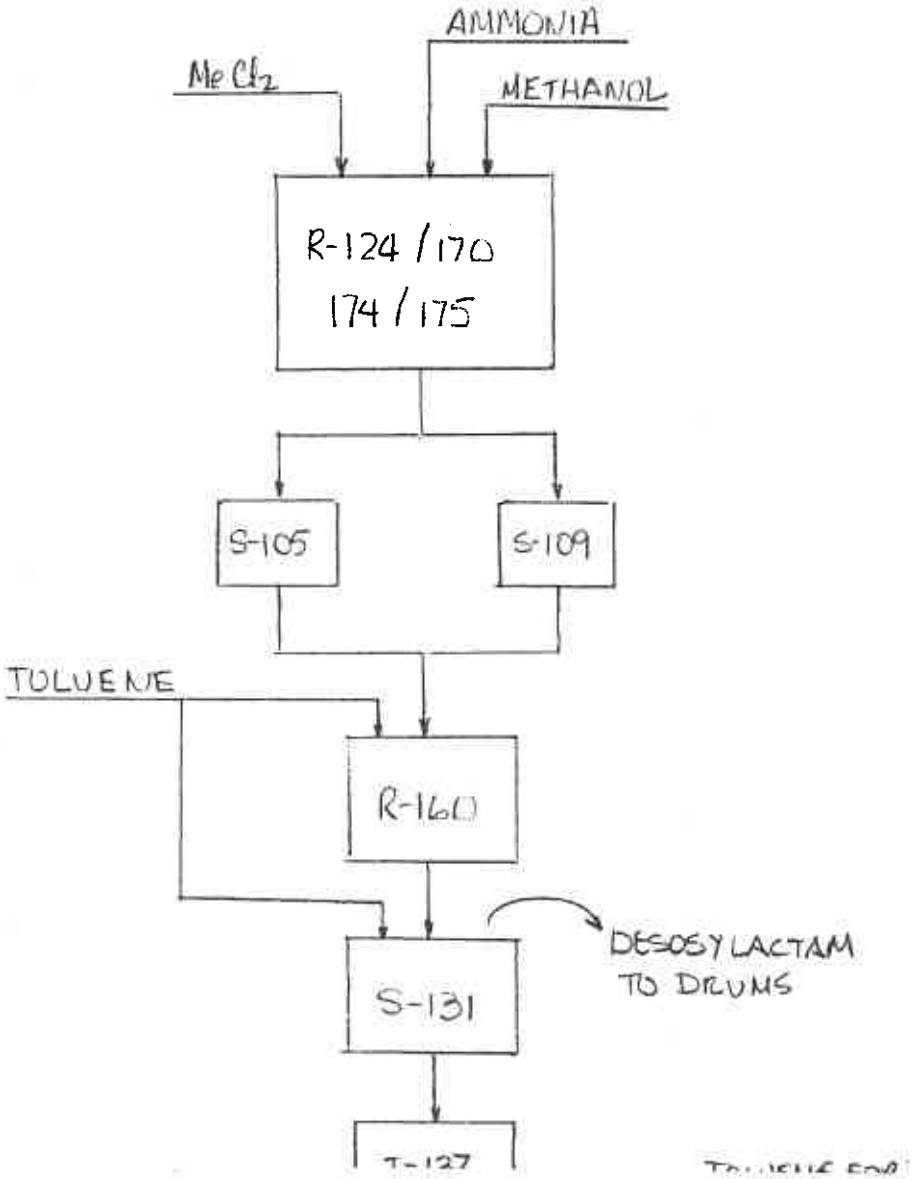


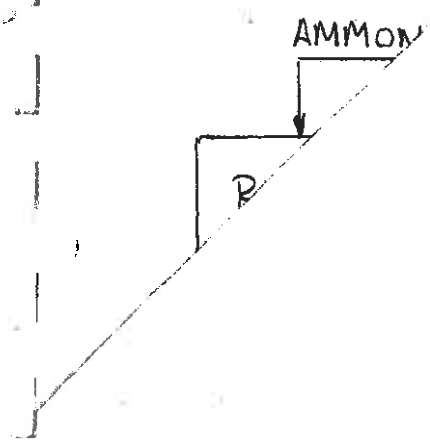
Fig. 5.0

AMMONIA GAS FLOW DIAGRAM

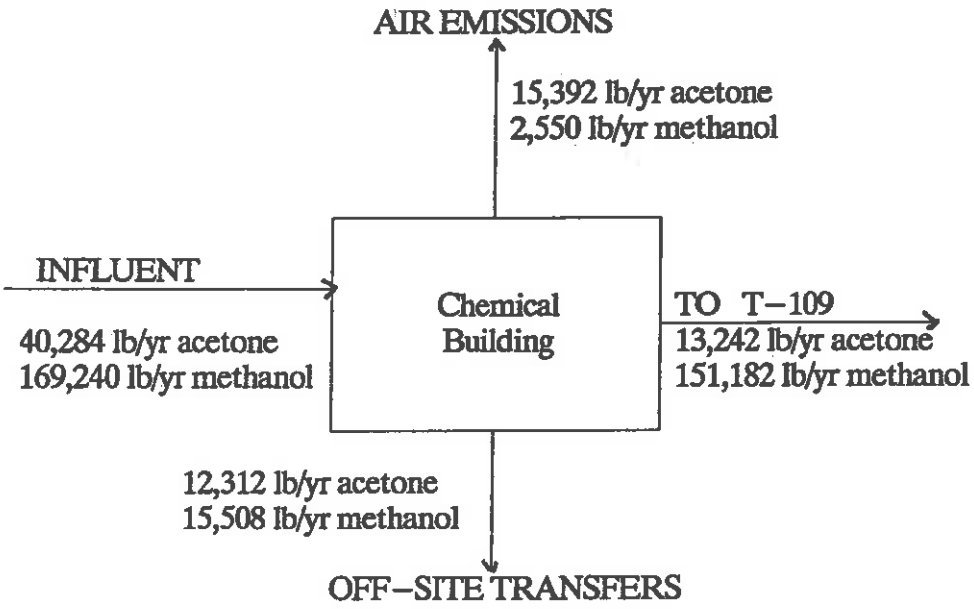
PRODUCTS: DIAZEPAM / FLURAZEPAM

STEPS: DESOXYLACTAM / IPA-METHANOL RCVY. / FLUOROLACTAM





ACETONE AND METHANOL MATERIAL BALANCE



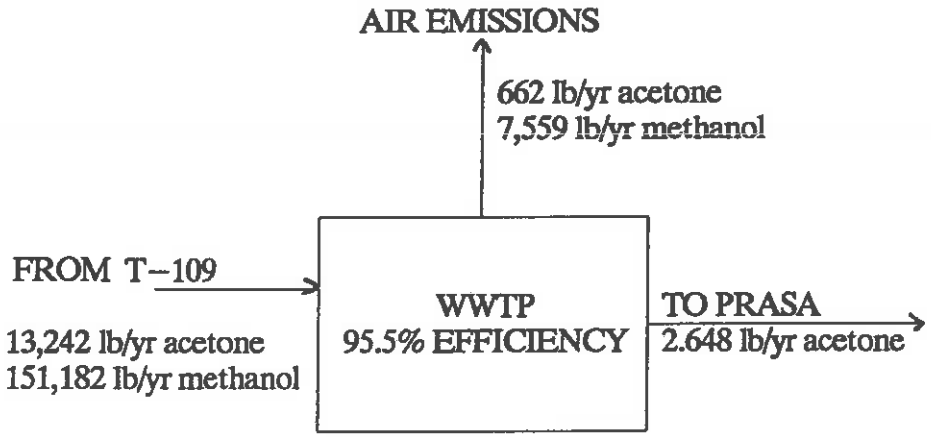


Fig. 6.0

METHYLENE CHLORIDE MATERIAL BALANCE

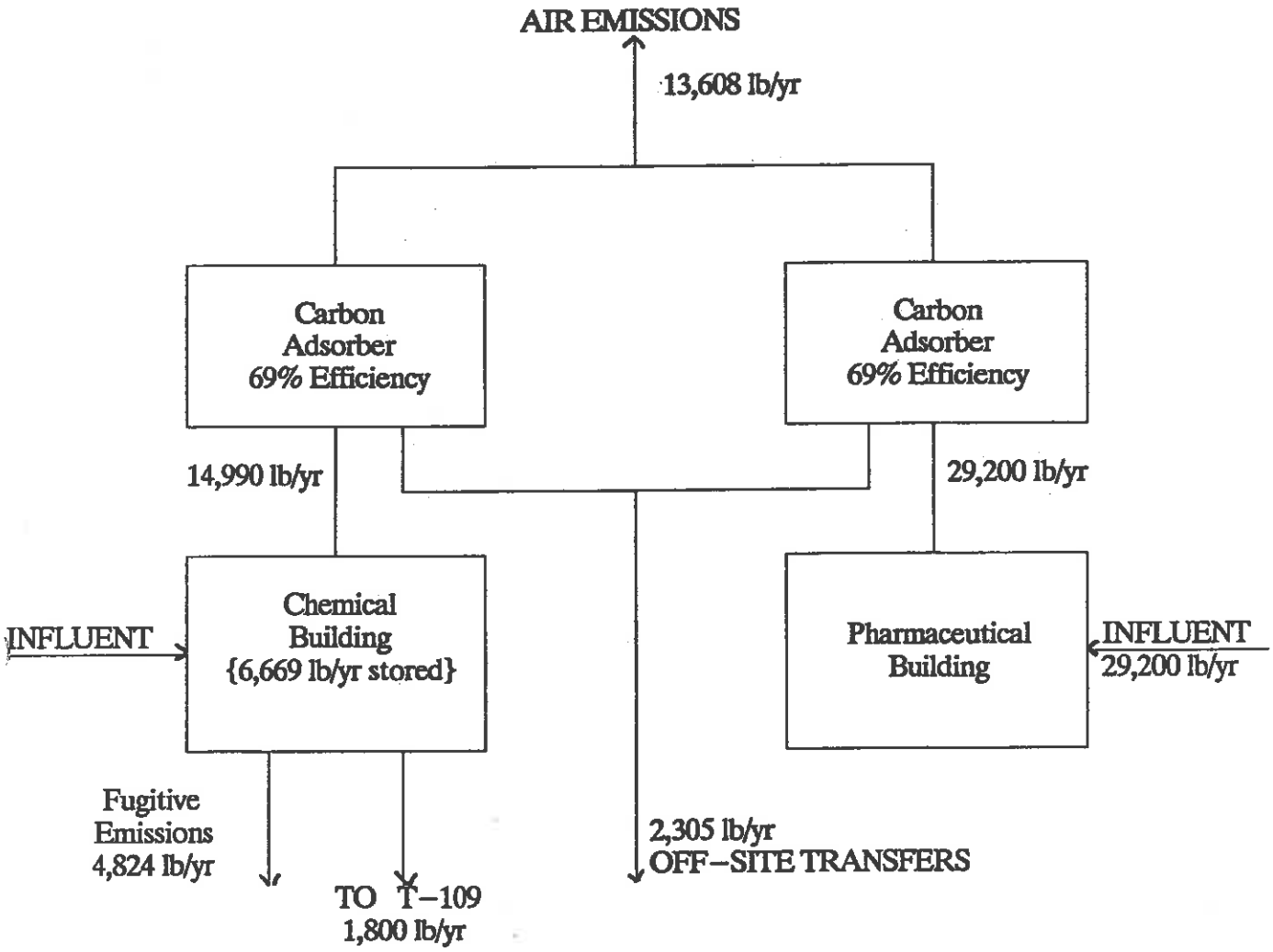
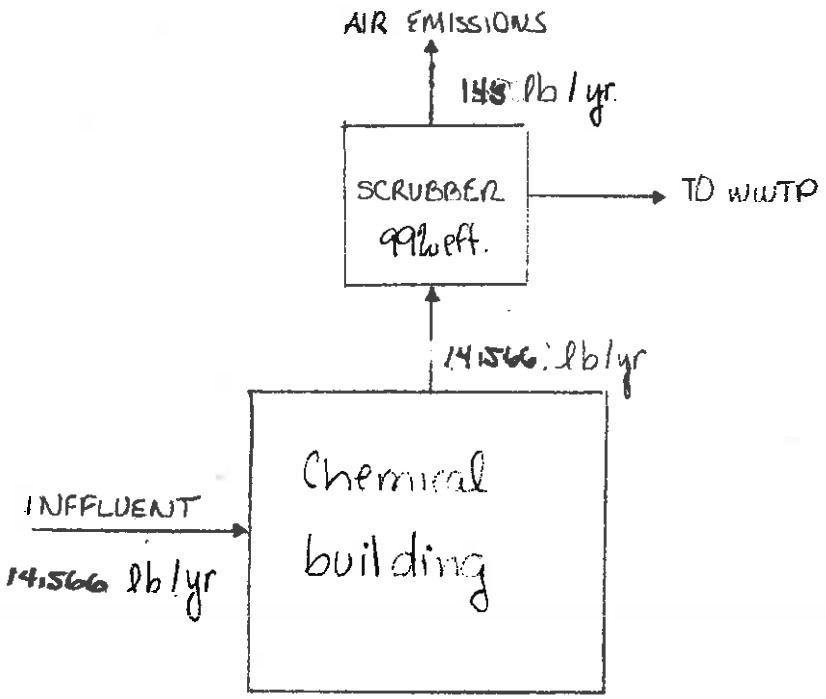


Fig. 7.0

Fig. 9.0

AMMONIA MATERIAL BALANCE



DATE : FEBRUARY 25, 1992

ROCHE PRODUCTS INC.
PRODUCTION PLANNING DEPARTMENT
HAZARDOUS MATERIAL LIST
TIER I AND II REPORTING REQUIREMENTS

CODE	PRODUCT	MAXIMUM DAILY AMOUNT	AVERAGE DAILY AMOUNT	NUMBER OF DAYS ON SITE	TYPE OF STORAGE	WAREHOUSE 301	WAREHOUSE 302	CHEMICAL 601	PHARMACY 201
22-015	Acetic Acid	16656	5692	365	Tank & Drum	36,720.2		X	
22-025	Acetone	11974	11507	365	Tank	26,318.1		X	
22-060	Alcohol 2B	32847	26595	365	Tank	72,415.24	71,685	X 58,631	
22-140	Ammonia Agua	2346	2217	365	Tank	5,172.0		X	
22-146	Ammonia Gas Anhydrous	2390	1838	365	Cylinder	5,269	X	X	
22-520	Caustic Soda	42881	25109	365	Tank	94,536		X	
22-590	Chloracetyl Chloride	7109	1617	365	Drum	15,673	X	X	
22-775	Diethyl Sulfate	2635	2455	365	Drum	5,809	X	X	
23-075	Hydrochloric Acid	1745	1738	365	Drum	3,847	X	X	
23-100	Hydrogen Chloride Gas	1059	1048	365	Cylinder	2,334.7	X	X	
23-211	Isopropyl Alcohol	24424	24379	365	Tank & Drum	53,846	X	X	
23-530	Methanol	31907	29844	365	Tank & Drum	70,343	X	X	
23-535	Methyl Bromide Gas	90	90	365	Cylinder	198	X		
23-545	Methylene Chloride	56819	43578	365	Drum	125,264	X	X	
23-625	Mono Methyl Amine Gas	2061	660	365	Cylinder	4,543	X	X	
23-645	Muriatic Acid	682	682	365	Drum	1,503	X		
23-696	Nitric Acid	6750	6486	365	Tank	14,881		X	
23-743	Ortho Xylene	2905	2805	365	Drum	6,184	X	X	
24-415	Sulfuric Acid	4052	2648	365	Drum	8,933	X	X	
24-530	Toluene	28440	21500	365	Tank	62,699		X	
24-380	Methylene Chloride	4535	2497	365	Drum	9,997	X		
25-055	Alcohol 3A 94-96%	3574 3738	2,566 2730	365	Drum	8,241 7747	X 5,657	441 286	X X
25-210	Isopropyl Alcohol	1231	801	365	Drum	2,714	X		X

VESSELS	STEP	LB/HR	LB/BATCH	VOC
R-124/125 OR	2	10.97	2.74	MeCl2
R-170/174	3	0.66	0.02	MeCl2
	10	1.60	6.40	MeCl2
	11	2.61	0.13	MeCl2
	11N	8.21	41.05	MeCl2
			==========	
			50.34	

PEDRO PANZARDI & ASSOCIATES

PROCESS & ENVIRONMENTAL ENGINEERS

PROJECT NAME :	ROCHE AIR EMISSIONS PERMIT RENEWAL
PROJECT No :	90129

PRODUCT :	FLURAZEPAM (DALMANE)
PROCESS :	FLUOROLACTAM

SUMMARY OF VOC EMMISIONS

VESSELS	STEP	LB/HR	LB/BATCH	VOC	%	
T-137	18	0.16	0.05	TOLUENE	23	.0115
	19	0.15	0.03	TOLUENE	23	.007
	20	0.05	0.00	TOLUENE	23	0
			0.08			
T-141	12	10.02	4.18	MeCl2		
	14	0.46	0.15	MeCl2		
	15	3.57	4.47	MeCl2		
			8.80			
R-160	12	10.02	4.18	MeCl2		
	14	0.46	0.15	TOLUENE	100	0.15
	15	3.57	4.47	TOLUENE	1	4.47
	16	1.85	0.31	TOLUENE	1	0.31
	17	0.07	0.01	TOLUENE	24	.003
			9.12			
S-131	18N	2.52	0.21	TOLUENE	23	.05
	19	0.15	0.03	TOLUENE	23	.007
	20	0.08	0.01	TOLUENE	23	.0023
			0.25			
T-196	1	33.60	2.58	MeCl2		
S-110	18N	3.10	1.29	IPA		

5.01

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
Toluene

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 68,865	1. M	1. M 56
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Section 6.2 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: Toluene

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 68,865	1. M	1. M 56
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Section 6.2 page this is, here. [ ] (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
Dichloromethane

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 12,594	1. M	1. M 54
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER: 00701RCHPRSTATE

Toxic Chemical, Category, or Generic Name: Methanol

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2_1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 12,567	1. M	1. M 54
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box [ ] and indicate which Part II, Section 6.2 page this is, here. [ ] (example: 1, 2, 3, etc.)

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EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
Methanol

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI County:

State: PR Zip Code: 00674

Is location under control of reporting facility or parent company? [ ] Yes [X] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 12,567	1. M	1. M S4
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City: County:

State: Zip Code:

Is location under control of reporting facility or parent company? [ ] Yes [ ] No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

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Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
Acetone

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. 1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR Zip Code: 00674

Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 4,125	1. M	1. M 56
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. ___ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State: Zip Code:

Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
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4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

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EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
Acetone

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2._1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 4,125	1. M	1. M 56
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.__ Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Section 6.2 page this is, here. ☐ (example: 1, 2, 3, etc.)

Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

ROCHE PRODUCTS INC.
PRODUCTION PLANNING DEPARTMENT
INTEROFFICE CORRESPONDENCE

February 8, 1993

TO: Ms. Teresa Pérez

FROM: Mr. Eliezer Otero

SUBJECT: **TIER I AND II REPORTING REQUIREMENTS**

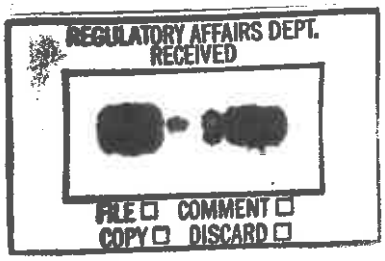
Attached please find the list of hazardous material, covered under SARA (Superfund Amendments and Reauthorization Act of 1986.)

This information corresponds to the 1992 inventories.

If you have any questions, please call me at ext. 368.

Thank you for your usual cooperation.

C: Ms. R. Rivera
Mr. E. Muñiz
Ms. M. Muñoz
Mr. N. Flores



ROCHE PRODUCTS INC.
PRODUCTION PLANNING DEPARTMENT
HAZARDOUS MATERIAL LIST
TIER I AND II REPORTING REQUIREMENTS

DATE: FEBRUARY 8, 1993

CODE	PRODUCT	MAXIMUM DAILY AMOUNT	AVERAGE DAILY AMOUNT	NUMBER OF DAYS ON SITE	TIPS OF STORAGE	WAREHOUSE 301	WAREHOUSE 302	CHEMICAL 601	PHARMACY 201
-015	Acetic Acid	13,044	7,244	365	Tank & Drum		X	X	
22-025	Acetone	18,594	12,219	365	Tank			X	
22-060	Alcohol 2B	19,359	12,465	365	Tank			X	
22-140	Ammonia Aqua	2,346	1,928	365	Tank			X	
22-146	Ammonia Gas Anhydrous	1,976	1,198	365	Cylinder		X	X	
22-520	Caustic Soda	24,791	22,218	365	Tank			X	
22-590	Chloracetyl Chloride	5,607	3,229	365	Drum		X	X	
22-775	Dimethyl Sulfate	3,885	3,854	365	Drum		X	X	
23-075	Hydrochloric Acid	1,745	1,622	365	Drum		X	X	
23-100	Hydrogen Chloride Gas	845	812	365	Cylinder		X	X	
23-211	Isopropyl Alcohol	11,529	11,529	365	Tank & Drum		X	X	
23-530	Methanol	21,050	10,884	365	Tank & Drum		X	X	
23-535	Methyl Bromide Gas	181	151	365	Cylinder		X		
23-545	Methylene Chloride	20,000	17,698	365	Drum		X	X	
23-625	Mono Methyl Amino Gas	3,086	1,874	365	Cylinder		X	X	
-645	Muriatic Acid	682	682	365	Drum		X		
23-696	Nitric Acid	6,750	5,903	365	Tank			X	
23-743	Ortho Xylene	2,805	2,748	365	Drum		X	X	
24-415	Sulfuric Acid	2,942	2,707	365	Drum		X	X	
24-530	Toluene	28,221	26,515	365	Tank			X	
19-380	Methylene Chloride	2,192	885	365	Drum		X		X
22-055	Alcohol 3A	1,557	868	365	Drum		X		X
23-210	Isopropyl Alcohol	557	272	365	Drum		X		X

Prepared by: _____

Approved by: _____

ROCHE PRODUCTS INC.
MAINTENANCE DEPARTMENT - TSD
INTEROFFICE CORRESPONDENCE

M E M O R A N D O

A : Mr. José Serrano

DE : Eliud Maldonado

FECHA : February 1, 1993

ASUNTO : **SARA REQUIREMENT**

As per SARA (Superfund amendments and reauthorization act) required you will find the following information.

Referent to the Gasoline:

a. Maximum daily amount ..... 3,000 gallons
b. Average daily amount ..... 1,500 gallons
c. Number of days on site ..... 365 days
d. Type of storage ..... Tank
e. Storage locations - (On site at front of 503 Bldg. south area)

Referent to the Diesel:

a. Maximum daily amount ..... 2,000 gallons
b. Average daily amount ..... 1,000 gallons
c. Number of days on site ..... 365 days
d. Type of storage ..... Tank
e. Storage locations - (On site at front of 503 Bldg. south area)

Referent to the Propane Gas:

a. Maximum daily amount ..... 450 gallons
b. Average daily amount ..... 250 gallons
c. Number of days on site ..... 365 days
d. Type of storage ..... Cilinder
e. Storage locations - (At north of 501 Bldg.)

EMT

	1	2	
	MANIFEST NO	WASTE CODES	WASTE DESCRIPTION
✓ B 1-	93001	D001 – F002 F003 – F005	Waste flam. liq – MeCl2 +
✓ B 2-	93002	F002	Waste Dichlorometane
✓ B 3-	93003	"	" " "
✓ B 4-	93004	D001 – F002 F003 – F005	Waste flam liq – MeCl2 +
✓ B 5-	93005	" " "	" " " – "
✓ A 6-	93006	D001 – F003 – F005	" " " – alifati
	"	N/A	Combustible liq = Ou
	"	"	" " "
✓ B	"	F003 – F005	Hz. Waste Solid = Mety
✓ C 7-	93007	D001 – F002	" " Solid = MeCl2 +
✓ B 8-	93008	D001 – F002 F003 – F005	Waste flam liq – MeCl2 +
✓ B 9-	93009	F002	Waste Diclorometano Me
✓ B 10-	93010	D001 – F002 F003 – F005	Waste flam liq – MeCl2
Lab pack 11 →	93011	D001 – D002 – F003 – F005	" " " – corrosive carbon disu
	" "	D001	" " "
	" "	"	" " Solid
	" "	D001 – D002	Waste Oxidizing Substace, So
	" "	D001	" Silver Nitrate
	" "	P087	" Osmium Tetroxide
	" "	D022 + F002	" Poisonous liq – Diclorom clorofo
	" "	D022	" Chloroform

Lab pack

	MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GA
1-	93011	D002	Waste Corrosive liq -	1 fibra	
	" "	D002 - P007 D009 - D011	" " "	5 "	5
	" "	D002 - D008	Wste Ac. Nitico other than red fuming with no more 70 % ac. Nit.	1 wood Box	
	" "	D002	Wste. Corrosive liq - cloroacetyl cloride	1 fibra	
	" "	F002	Hz Waste Solid	1 fibra	
	" "	X-900	Chemicals Non Hz Waste - 100% Litium Bromide solution	4 "	
2-	93012	D001 - F003 F005	Waste flam. liq - alifatics	5 "	
B	" "	D001 - F005	" " " - Toluene	13 "	
C	" "	D001	" " " - Ethanol	4 "	1
C	" "	D001	" Ethyl alcohol	2 "	
C	" "	D001 - F005	" flam. Solid - Toluene	3 "	
	" "	N/A not Hz	Combustible liq - oil	5 "	
C	" "	F003 - F005	Hz. waste Solid - mek	5 "	
13-	93013	D001 - F002 - F003 - F005	Waste flam. Liq - mecl2 + Toluene	1 T.T.	3
14-	93014	" " "	" " " - " "	1 T.T.	
15-	93015	D001	" " " - corrosive	1 fibra	
	"	D001	" " Solid -	1 "	
	"	U-165	Refined Waste naphthalene	1 "	
	"	D001	Waste oxidizing subst. Solid	6 "	
	"	D001	Waste Lead Nitrate Poison	1 "	
	"	U-188	Waste Poisonous Solids (Phenols)	1 "	

?

	MANIFEST NO	WASTE CODES	WASTE DESCRIPTION
Cont 15-	93015	D009	Waste Mercury Acetate
Lab pack	" "	D005	" Poisonous Solid -
	" "	U-144	" " " -
	" "	D002	" Corrosive liq -
	" "	D002	" " " -
	" "	X 850	" " solid
	" "	D005	Hz Waste Solid -
B Lab 16-✓	93016	D001-F002-F003-F005	Waste flam. liq - mecl2
B 17-✓	93017	D001-F003-F005	Waste flam. Solid - Te
B ✓	" "	" " "	" " " - Tol
B ✓	" "	F003-F005	Hazardous Waste Solid -
B ✓	" "	" "	" " " -
B ✓	" "	F001	" " " -
B ✓	" "	D006-D008-F002	" " " - MeC
B ✓	" "	D001-F005	" " " - To
D ✓	" "	D001-D002-F003-F005	Waste flam. liq. - corrosive - aceto
D ✓	" "	" " "	" " " - " "
C 18-✓	93018	D001	" " Solid - EThan
C ✓	" "	D001	" " " - Eth
C ✓	" "	D001-F002	Hz Waste Solid - MeC
C ✓	" "	F003-F005	" " " - MC

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GA
18- 93018	D001 - F005	Hz. Waste Solid - Toluene	1 fibre	
" "	F001 - F005	" " Solid - MeCl2	11 "	
" "	F005	" " Solid - Toluene	3 "	
" "	F005	" " " - "	1 metal	
" "	N/A	Non Hz Waste - Oil	6 fibre	
" "	N/A	" " " - "	1 metal	
19- 93019	F002	WASTE Dichloromethane Waste	40 fibre	
20- 93020	D001	Waste flam. liq. - alifáticos	1 T.T.	
21- 93021	N/A	Sludge Drlg. - WWTP	20 marine bags	
22- 93022	N/A	" " "	20 "	

EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
Toluene

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. 1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI

County:

State: PR

Zip Code: 00674

Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 68,865	1. M	1. M 56
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City:

County:

State:

Zip Code:

Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

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Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

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United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
00701RCHPRSTATE
Toxic Chemical, Category, or Generic Name
Toluene

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.): PRD090399718

Off-Site Location Name: SAFETY KLEEN ENVIROSYSTEMS COMPANY OF PUERTO RICO

Street Address: STATE ROAD NO. 2 KM 51

City: MANATI | County:

State: PR | Zip Code: 00674 | Is location under control of reporting facility or parent company? ☐ Yes ☒ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 68,865	1. M	1. M 56
2.	2.	2. M
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SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2. Off-site EPA Identification Number (RCRA ID No.): N/A

Off-Site Location Name:

Street Address:

City: | County:

State: | Zip Code: | Is location under control of reporting facility or parent company? ☐ Yes ☐ No

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
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Range Codes: A = 1 - 10 pounds; B = 11 - 499 pounds; C = 500 - 999 pounds.

HAZARDOUS KG 2689.0
NON-HAZARDOUS KG _____
TOTAL _____

HAZARDOUS WASTE OPERATIONS
RECORD OF DISPOSAL

PAGE 1
MANIFEST 92009
SHIPMENT DATE 2-21-92

RPI CODE	ID	29 Succion DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	TYPE	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-C.P.D	4021	Tol 99.6% H_2O 0.3%	2-18-92	2-21-92		1	M	167.0	✓		
	4022	"	"	"		1	M	178.0	✓		
	4023	"	"	"		1	M	166.0	✓		
	4024	"	"	"		1	M	169.0	✓		
	4025	"	"	"		1	M	158.0	✓		
	4026	"	"	"		1	M	179.0	✓		
	4027	"	"	"		1	M	163.5	✓		
	4028	"	"	"		1	M	177.0	✓		
	4029	"	"	"		1	M	170.0	✓		
	4030	"	"	"		1	M	174.0	✓		
	4031	"	"	"		1	M	163.0	✓		
	4032	"	"	"		1	M	168.0	✓		
	4033	"	"	"		1	M	161.5	✓		
	4034	"	"	"		1	M	165.5	✓		
	4035	"	"	"		1	M	163.5	✓		
	4036	"	"	"		1	M	166.0	✓		
					TOTALS	16		2689.0			

Total kg 4863.0
Total Pages 2

HAZARDOUS KG_____
NON-HAZARDOUS KG_____
TOTAL_____

HAZARDOUS WASTE OPERATIONS.
RECORD OF DISPOSAL

MANIFEST 92008
SHIPMENT DATE 2-21-92

RPI CODE	ID	29 Succinic DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	TYPE	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-GP.D-01	4014	TOL	2-18-92	2-21-92		1	M	172.0	✓		
"	4015	"	"	"		1	M	182.0	✓		
601-GP.D.	4019	TOL 92.0% H_2O 0.2% MCl_2 7.8%	2-19-92	"		1	M	188.5	✓		
"	4020	"	"	"		1	M	182.0	✓		
601-GP.D	4003	TOL 99.9% H_2O 0.1%	2-10-92	"		1	M	165.0	✓		
"	4004	"	"	"		1	M	176.0	✓		
601-GP.D	3092	TOL. 44.4% H_2O 51.2% DR. 4.4%	2-10-92	"		1	M	195.5	✓		
601-GP.D	3091	TOL. 66.0%, H_2O 32.4% DR 1.6	"	"		1	M	194.5	✓		
601-GP.D	3085	TOL 99.7% MEOH 0.1%, H_2O 0.2%	2-10-92	"		1	M	198.5	✓		
"	3086	"	"	"		1	M	86.0	✓		
"	3087	"	"	"		1	M	162.5	✓		
"	3088	"	"	"		1	M	176.0	✓		
601-GP.D	3089	TOL. 89.2% H_2O 0.1% DR. 10.6%	2-10-92	"		1	M	95.5	✓		
					TOTALS	13		2174.0			

TOTAL KG.

TOTAL PAGES 2

HAZARDOUS KG_____
NON-HAZARDOUS KG_____
TOTAL_____

HAZARDOUS WASTE OPERATIONS

RECORD OF DISPOSAL

PAGE #1
MANIFEST 92012
SHIPMENT DATE 4-7-92

RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	TYPE	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601 CPD-01	4246	Toluene Still Bottoms From T-109	4-3-92	4-7-92		1		177.0	✓		
"	4247	"	"	"		1		174.0	✓		
"	4248	"	"	"		1		173.0	✓		
"	4249	"	"	"		1		183.0	✓		
"	4250	"	"	"		1		172.0	✓		
"	4251	"	"	"		1		169.0	✓		
"	4252	"	"	"		1		165.0	✓		
"	4253	"	"	"		1		168.5	✓		
"	4254	"	4-3-92	4-7-92		1		175.0	✓		
"	4255	"	"	"		1		172.0	✓		
"	4256	"	"	"		1		165.0	✓		
"	4257	"	"	"		1		168.0	✓		
"	4258	"	"	"		1		163.0	✓		
"	4259	"	"	"		1		170.0	✓		
"	4260	"	"	"		1		167.0	✓		
"	4261	"	"	"		1		175.0	✓		
601 CPD-01	4262	Toluene Still Bottoms From T-109	4-3-92	4-7-92		1		173.0	✓		
					TOTALS	17		2903	✓		

HAZARDOUS KG_____
NON-HAZARDOUS KG_____
TOTAL_____

HAZARDOUS WASTE OPERATIONS
RECORD OF DISPOSAL

PAGE #2
MANIFEST 92012
SHIPMENT DATE 4-7-92

RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	TYPE	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-CPD-01	4263	Toluene still Bottoms From T-109	4-3-92	4-7-92		1		196.0	✓		
〃	4264	〃	〃	〃		1		179.0	✓		
〃	4265	〃	〃	〃		1		188.0	✓		
〃	4266	〃	〃	〃		1		172.0	✓		
〃	4267	〃	〃	〃		1		169.5	✓		
〃	4268	〃	〃	〃		1		185.5	✓		
〃	4269	〃	〃	〃		1		190.5	✓		
601-CPD-01	4199	Toluene From T-109	3-25-92	〃		1		190.5	✓		
〃	4200	〃	〃	4-7-92		1		184.5	✓		
〃	4201	〃	〃	〃		1		186.0	✓		
〃	4203	〃	〃	〃		1		180.0	✓		
〃	4222	0.9% H_2O 99.0% IPA	3-24-92	〃		1		163.5	✓		
201-PH-03B	4271	Methylene, H_2O, Alcohol	4-3-92	〃		1		197.5	✓		
〃	4272	〃	〃	〃		1		221.5	✓		
〃	4273	〃	〃	〃		1		186.0	✓		
〃	4274	〃	〃	〃		1		195.5	✓		
601-CPD	4224	0.2% H_2O, 99.8% $MeCl_2$	3-24-92	4-7-92		1		192.0	✓		
					TOTALS	17		3157.5	✓		

HAZARDOUS KG_____
NON-HAZARDOUS KG_____
TOTAL_____

HAZARDOUS WASTE OPERATIONS

RECORD OF DISPOSAL

PAGE #3
MANIFEST 92012
SHIPMENT DATE 4-7-92

RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	TYPE	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-CPD	4270	0.2% H_2O, 36.2% $MeCl_2$, 63.6% Tol.	4-3-92	4-7-92		1		287.5	✓		
601-CPD	4228	0.2% H_2O 99.8% $MeCl_2$	3-24-92	"		1		155.5	✓		
"	4229	"	"	"		1		156.5	✓		
601-CPD-01	4196	Toluene From T-109	3-25-92	"		1		187.5	✓		
"	4197	"	"	"		1		120.5	✓		
"	4198	"	"	"		1		190.0	✓		
601-CPD	4230	0.2% H_2O, 36.2% $MeCl_2$, 63.6% Tol.	3-25-92	"		1		223.5	✓		
"	4231	"	"	4-7-92		1		227.5	✓		
"	4232	"	"	"		1		224.0	✓		
"	4243	"	"	"		1		207.0	✓		
"	4242	"	"	"		1		211.0	✓		
"	4241	"	"	"		1		190.0	✓		
601-CPD	4233	0.6% H_2O, 99.3% Ethanol	3-26-92	"		1		155.5	✓		
601-CPD	4275	0.4% H_2O, 99.6% Ethanol	3-30-92	"		1		177.0	✓		
"	4296	5.0% H_2O, 94.9% Ethanol	4-1-92	"		1		177.5	✓		
"	4297	"	"	"		1		170.5	✓		
601-CPD	4284	0.1% H_2O, 87.8% Tol., 12.1% Res. Org.	3-30-92	4-7-92		1		192.5	✓		
					TOTALS	17		3163.5	✓		

HAZARDOUS KG_____
NON-HAZARDOUS KG_____
TOTAL_____

HAZARDOUS WASTE OPERATIONS
RECORD OF DISPOSAL

PAGE #4
MANIFEST 92012
SHIPMENT DATE 4-7-92

RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	TYPE	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-CPD	4282	0.1% H2O, 87.8% TOL. 12.1% Res. Org.	3-30-92	4-7-92		1		171.0	✓		
"	4283	"	"	"		1		185.0	✓		
"	4285	"	"	"		1		119.0	✓		
"	4286	"	"	"		1		172.0	✓		
601-CPD	4289	6.5% H2O 10.4% IPA 83.0% Ethanol	4-1-92	"		1		160.0	✓		
"	4287	97.3% methanol, 2.6% H2O	3-31-92	"		1		160.0	✓		
"	4288	"	"	4-7-92		1		151.5	✓		
					TOTALS	7		1118.5	✓		

Figure 2

OPTIONAL SECTION 313 REPORTING THRESHOLD WORKSHEET

Facility Name: _____ Date Worksheet Prepared: _____

Toxic Chemical or Chemical Category: _____ Prepared By: _____

Reporting Year: _____

Step 1. Identify amounts of the toxic chemical manufactured, processed, or otherwise used.

Mixture Name or Other Identifier	Information Source	Percent by Weight	Total Weight (in lbs)	Amount of the Listed Toxic Chemical by Activity (in lbs.):		
				Manufactured	Processed	Otherwise Used
1.						
2.						
3.						
4.						
5.						
6.						
7.						
Subtotal:				(A) _____ lbs.	(B) _____ lbs.	(C) _____ lbs.

Step 2. Identify exempt forms of the toxic chemical that have been included in Step 1.

Mixture Name as Listed Above	Applicable Exemption	Note Fraction or Percent Exempt (if Applicable)	Exempt Amount of the Toxic Chemical from Above (in lbs.):		
			Manufactured	Processed	Otherwise Used
1.					
2.					
3.					
4.					
5.					
6.					
7.					
Subtotal:			(A_1) _____ lbs.	(B_1) _____ lbs.	(C_1) _____ lbs.

Step 3. Calculate the amount subject to threshold: ($A - A_1$) _____ lbs. ($B - B_1$) _____ lbs. ($C - C_1$) _____ lbs.

Compare to thresholds for section 313 reporting. 25,000 lbs. 25,000 lbs. 10,000 lbs.

If any threshold is met, reporting is required for all activities. Do not submit this worksheet with Form R. Retain for your records.

Figure 2

OPTIONAL SECTION 313 REPORTING THRESHOLD WORKSHEET

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EPA
United States Environmental Protection Agency

EPA FORM R

PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
Chemical, Category, or Generic Name

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

	All quantity estimates can be reported using up to two significant figures.	Column A 1991 (pounds/year)	Column B 1992 (pounds/year)	Column C 1993 (pounds/year)	Column D 1994 (pounds/year)
8.1	Quantity released *				
8.2	Quantity used for energy recovery on-site				
8.3	Quantity used for energy recovery off-site				
8.4	Quantity recycled on-site			X	
8.5	Quantity recycled off-site	0			
8.6	Quantity treated on-site				
8.7	Quantity treated off-site				
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	0			
8.9	Production ratio or activity index				

8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.			
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)		
8.10.1		a.	b.	c.
8.10.2		a.	b.	c.
8.10.3		a.	b.	c.
8.10.4		a.	b.	c.

8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)	YES ☐	NO ☐

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

Necesito saber cuánto H_2SO_4 se utilizó este año.

SAFETY-KLEEN ENVIROSYSTEMS COMPANY OF P.R., INC.
PLANT LOCATION: KM. 51 HIGHWAY 2
P.O. BOX 31098, MANATI,P.R. 00674 / TEL. (809) 854-1090
(800) 462-7480 (P.R.) / FAX (809) 854-6195

April 14, 1992

Mrs. Teresa Pérez
Environmental Coordinator
Roche Products
Box 452
Manatí, P.R. 006784

Dear Mrs. Pérez:

This is to confirm that I have scheduled your visit to our facilities of Manatí & Dorado for May 6th 1992.

You have advised me that there are two (2) Roche Representatives from your head quarters, they are Marl Lewis and Jack Kace and that Ms. Mattie Muñoz is also attending the meeting.

I have made arrangements to receive you on May 6, 1992 at 9:30 a.m. at our Manatí facility.

Should you have any question, please feel free to contact me.

Sincerely,

Gretchen Guzmán
Sales Dept. Supervisor

GG/mgl

cc: D. Pagán
W. Freytes
M. Pons
N. Ortíz
J. Molina
N. Toledo

m:\wp\gretchen\roche.tp

REGULATORY AFFAIRS DEPT.
RECEIVED
0 1992
FILE ☐ COMMENT ☐
COPY ☐ DISCARD ☐

ROCHE PRODUCTS INC.
CORRESPONDENCIA INTERNA
SECCION DE UTILIDADES

M E M O R A N D O

A : Teresa Pérez

DE : Margie Rodríguez

FECHA : July 17, 1992

ASUNTO : Informe "Sara Title III"

Según lo requerido por "Sara Title III" a continuación te someto la información necesaria para completar tu informe final.

Consumo anual de:

Chlorine = 1800/Lb
Nitrato de plata = 0
Chromato = 260/LB
Acido sulfúrico = 23,200/LB

Cualquier duda al respecto favor llamar a la extensión 449.

MR/mlj

T. Alvarado
G. Curreri

REGULATORY AFFAIRS DEPT.
RECEIVED
JUL 2 0 1992
FILE ☐ COMMENT ☐
COPY ☐ DISCARD ☐

ROCHE PRODUCTS INC.
INTEROFFICE CORRESPONDENCE
ENGINEERING & CONSTRUCTION SECTION

MEMORANDUM

TO: Teresa Pérez

FROM: Margie Rodríguez

DATE: January 28, 1993

SUBJECT: SARA TITLE III

See information as per your required on january 22 in reference of SARA (Superfund amendments and re-authorization act of 1986).

Expressed quantity used in pound beginning january 1, 1992 to december 31, 1992.

Chlorine - 1,200/lb.
Silver Nitrate - O
Chromate = 155.46/lb.
Sulfuric Acid = 19,200/lb.

If you need additional information, please contact me at ext. 449.

MR:mo

c: T. Alvarado
G. Curreri
M. Muñoz

REGULATORY AFFAIRS DEPT.
RECEIVED
FEB 1 - 1993
FILE ☐ COMMENT ☐
COPY ☐ DISCARD ☐

PRODUCTION PLANNING DEPARTMENT
INTEROFFICE CORRESPONDENCE

JULY 15. 1992

TO: TERESA PEREZ

FROM: EVELYN VERDEJO

SUBJECT: RAW MATERIALS LIST

ENCLOSED, PLEASE FIND THE RAW MATERIALS LIST MANAGED BY ROCHE PRODUCTS AND ROCHE PHARMA.

IF YOU NEEDS ADDITIONAL INFORMATION, PLEASE CALL ME AT EXT. 461.

ROCHE PRODUCTS - RAW MATERIALS LIST

PHARMACEUTICAL RAW MATERIALS

CODE	PRODUCT
19045	OPASPRAY BLUE
19222	ETHYLCELLULOSE STANDARD
19378	HYDROXYPROPYL METHYLCELLULOSE
19430	OPASPRAY WHITE
19490	OPASPRAY GREEN
19571	OPASPRAY PINK
19572	OPASPRAY PEACH
19577	OPASPRAY ORANGE
19709	TRIACETIN
20060	MICROCRYSTALLINE CELLULOSE
20157	FDC BLUE # 1
20190	CORN STARCH
20236	STARCH USP
20263	CORN STARCH NCS
20276	CALCIUM STEARATE
20478	LACTOSE ANHYDROUS
20518	LACTOSE HYDROUS
20534	MAGNESIUM STEARATE
20680	PLASDONE
20824	PREGELATINIZED STARCH
20830	CORN STARCH DC GRADE
20911	TALC
20983	FDC YELLOW
22055	ALCOHOL 3A ANHYDROUS
23210	ISOPROPYL ALCOHOL
19286	INDEX A
19287	INDEX B
79970	LACTOSE W/INDEX A
79856	LACTOSE W/INDEX B

ROCHE PRODUCTS - RAW MATERIALS LIST

CHEMICAL RAW MATERIALS

CODE	PRODUCT
22015	ACETIC ACID
22025	ACETONE TANK
22060	ALCOHOL 2B
22140	AMMONIA AQUA
22146	AMMONIA GAS
22148	CHLORO AMINO KETONE
22520	CAUSTIC SODA
22555	CHARCOAL NORIT
22590	CHLOROACETYL CHLORIDE
22722	DIBENZCARBINOL
22733	DIETHYL AMINO ETHYL CHLORIDE
22775	DIMETHYL SULFATE
22953	FLUORO BROMO COUMPOUND
23075	HYDRO CHLORIDE ACID
23100	HYDROGEN CHLORIDE GAS
23123	HYDROXYL AMMONIUM SULFATE
23130	HYFLO SUPERCEL
23211	ISOPROPYL ALCOHOL TANK
23530	METHANOL TANK
23535	METHYL BROMIDE GAS
23545	METHYLENE CHLORIDE
23552	METHYL BENZILATE
23625	MONO METHYL AMINE
23645	MURIATIC ACID
23696	NITRIC ACID
23743	ORTHO XYLENE
23951	POTASSIUM HYDROXIDE
24075	QUINUCLIDINOL
24206	SODIUM BICARBONATE
24295	SODIUM METHYLATE
24360	SOLKA FLOC
24415	SULFURIC ACID
24530	TOLUENE TANK
52203P	BROMO COMPOUND

ROCHE PHARMA - RAW MATERIALS LIST

PHARMACEUTICAL RAW MATERIALS

CODE	PRODUCT
17056	OPADRY GRAY
17058	OPADRY BEIGE
17073	OPADRY WHITE
19018	MICROCRIST. CELLULOSE
19039	MICROCRIST. CELLULOSE
10947	FD&C BLUE
19103	SILICON DIOXIDE
19466	SODIUM STARCH
19783	FD&C YELLOW
20073	CROSCARMELLOSE SODIUM
20164	IRON OXIDE BROWN
20171	OPADRY -ys-1-7421
20141	IRON OXIDE BLACK
20-512	HYDROXYPROPYL METHYLCELLULOSE

CHEMICAL RAW MATERIALS

22018	ACETIC ACID
22020	ACETIC ANHYDRIDE
22033	AIBB
22312	BROMO ACETHYL BROMIDE
22477	CHARCOAL NUSHAR
22591	CHLORONOTROKETONE
22609	CYTIDINE
23103	HYDROGEN GAS
23560	METHYL ETHYL KETONE
23701	N-METHYL PYRROLIDINONE
23945	POTASIUM CARBONATE
24030	PYRIDINE
24113	RHODIUM ON ALUMMINA
24240	SODIUM CHLORIDE TECH.
24490	EDTA TETRASODIUM SALT.
24725	ZINC DUST

Roche Products

Roche Products Inc.
State Road 670 - Km. 2.7
P.O. Box 452
Manati, Puerto Rico 00674-0452

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

December 2, 1994

The EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
Attn: TRI 100% Industry Review

Re: Roche Products Inc.
State Road 670 Km. 2.7
Manatí, Puerto Rico 00674
TRI FACILITY ID: 00701RCHPRSTATE

To whom it may concern:

Reference is made to the report produced by the Environmental Protection Agency, which lists the chemical identities and corresponding release values for the Forms R EPA received from Roche Products Inc. for Toxic Release Inventory (TRI) Reporting Year 1993 (RY93), received at Roche Products Inc. on November 14, 1994.

The referenced communication requested Roche Products Inc., to verify the critical estimate value information listed on the referenced report against the Form R files.

After verifying the report, Roche Products Inc. identified some data entry errors.

For the following reporting substances, **DICHLOROMETHANE, TOLUENE, ACETONE, METHANOL, HYDROCHLORIC ACID, AMMONIA and METHYL ETHYL KETONE,** the section 6.2.01 was entered twice, the first one with the reporting value, the other one with an incorrect entry information **(NA)**. The attached form was marked with red ink on the referenced two sections and cross out the incorrect entry (NA).

For the **ACETONE** entry information, the value reported in the Form R, section 8.1.B, was **2,531** pounds instead of the value that appeared, **25,316**. In the attached form the 25,316 was crossed out and the reported value of 2,531 was written in red ink.

If you have any comments, please do not hesitate to contact me at (809) 854-3020 extension 2203.

On behalf of
Roche Products Inc.

Eng. Teresa H. Pérez Rivera
Regulatory Affairs Coordinator

TP/jm
RPI No. 31794

TRI FACILITY ID: 00701RCHPRSTATE
Date: 11/15/94

ROCHE PRODS. INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

Dear Toxic Release Inventory (EPA Form R) Reporter:

Attached is a report, produced by EPA, which lists the chemical identities and corresponding release values for the Form R's EPA received from the facility listed above for Toxic Release Inventory (TRI) Reporting Year 1993 (RY93).

It is EPA's intention to represent all data reported by your facility as accurately as possible. In order to do this, EPA has implemented a variety of quality control procedures. We believe our data entry is of good quality. However, as a final quality control measure, we ask that you verify the critical estimate value information listed on this report against your Form R files. If you find any data entry errors, please let us know by following these simple instructions:

- On the attached report, use a red pen to mark through the erroneous value, and write the corrected value next to it.
- Return the corrected report to:

  The EPCRA Reporting Center
  P.O. BOX 3348
  Merrifield, VA 22116-3348
  ATTN: TRI 100% Industry Review

We request that you do this within 21 calendar days of receipt, so that we may correct your data before we make it publicly available in the next data release. If you do not find any errors in this report, a response is not necessary.

Please DO NOT use this report to make changes to release values or any other data which you reported incorrectly. Those changes should be submitted to EPA by making a photocopy of your Form R, writing 'REVISION' in red ink in the space labelled 'Enter 'X' here if this is a revision' on page one of the form, marking through the original data and writing in the revised data in red ink. The certification signature block on the revised form must contain an original signature. Mark through the photocopied signature, re-sign and date the revised form. Return the revised form to the address above. The attention line should read: 'Attn: RY93 Revision'.

REGULATORY AFFAIRS DEPT.
RECEIVED
NOV 14 1994

Please keep these facts in mind when reviewing the accuracy and completeness of this report:

1) The report lists only those Form R reports which have completed our internal data quality checks. If one or more of the forms submitted by your facility is not listed here, you will be receiving additional correspondence from us soon.

2) The data represented here may not reflect any voluntary revisions submitted by your facility, if those revisions were not processed by the time we produced this report.

3) We observe certain conventions in the way your facility is represented. For example, we always list the main company name first, followed by the division name. We also use standard abbreviations for certain words such as Corporation (Corp.) and Highway (Hwy.). Please correct this information only if the actual data are incorrect.

4) Releases, off-site transfers, and other waste stream quantities are entered to the nearest pound.

If you have any questions about the information on this report, please call the EPCRA Reporting Center:

(703) 816-4445

Indicate that you are calling about the 'TRI 100% Industry Review'. You will be referred to a Reporting Center staff member who can answer your questions.

Finally, we would like to suggest that you consider using EPA's magnetic media Automated Form R (AFR) reporting software package for submitting your reports in the future. AFR reporting by a facility allows EPA to enter your data exactly as you provide it, and reduces if not eliminates, EPA data processing errors. AFR software, available from EPA, will be sent to you along with your next reporting package, free of charge. We think that reporting on diskette is easier and more cost effective, both for facilities and the government, and that it helps to ensure a high standard of quality.

Thank you for your efforts to make Toxic Release Inventory data as accurate as possible.

Steven D. Newburg-Rinn, Chief
Toxic Release Inventory Information
Management Branch (7407)
Information Management Division
Office of Pollution Prevention and Toxics
Office of Prevention, Pesticides
and Toxic Substances
U.S. Environmental Protection Agency

TRI FACILITY ID: 00701-RCHPR-ST
DATE: 11/15/94

ROCHE PRODS. INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Num
13-93-07525351-2-PR	DICHLOROMETHANE	000075-0
5.2	Stack or point air emissions	11 -
5.3.A	Discharges to water bodies NA	
5.4	Underground injections on-site	
5.5.1	Releases to landfill	
5.5.2	Releases to land treatment/application farming	
5.1	Fugitive or non-point air emissions	3,
5.5.3	Releases to surface impoundment	
5.5.4	Releases to other land disposal	
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	76,
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	
6.2.02	Transfer to other off-site	
6.1.A	Total quantity transferred to POTWs	1 -
8.1.A	Quantity released	19,
8.1.B	Quantity released	3,
8.1.C	quantity released	4,
8.1.D	Quantity released	4,
8.2.A	Quantity used for energy recovery on-site	
8.2.B	Quantity used for energy recovery on-site	
8.2.C	Quantity used for energy recovery on-site	
8.2.D	Quantity used for energy recovery on-site	
8.3.A	Quantity used for energy recovery off-site	93,
8.3.B	Quantity used for energy recovery off-site	76,
8.3.C	Quantity used for energy recovery off-site	82,
8.3.D	Quantity used for energy recovery off-site	82,
8.4.A	Quantity recycled on-site	
8.4.B	Quantity recycled on-site	
8.4.C	Quantity recycled on-site	
8.4.D	Quantity recycled on-site	
8.5.A	Quantity recycled off-site	
8.5.B	Quantity recycled off-site	
8.5.C	Quantity recycled off-site	
8.5.D	Quantity recycled off-site	
8.6.A	Quantity treated on-site	
8.6.B	Quantity treated on-site	2,
8.6.C	Quantity treated on-site	2,
8.6.D	Quantity treated on-site	2,
8.7.A	Quantity treated off-site	
8.7.B	Quantity treated off-site	
8.7.C	Quantity treated off-site	
8.7.D	Quantity treated off-site	
8.8	Quantity released from catastrophic/remedial action	
8.9	Production ratio or activity index	3

TRI FACILITY ID: 00701-RCHPR-ST
DATE: 11/15/94

ROCHE PRODS. INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Num
13-93-07525352-4-PR	TOLUENE	000108-8
5.1	Fugitive or non-point air emissions	2,
5.2	Stack or point air emissions	500 -
5.3.A	Discharges to water bodies NA	
5.4	Underground injections on-site	
5.5.1	Releases to landfill	
5.5.2	Releases to land treatment/application farming	
5.5.3	Releases to surface impoundment	
5.5.4	Releases to other land disposal	
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	39,
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	
6.2.02	Transfer to other off-site	
6.1.A	Total quantity transferred to POTWs	1 -
8.1.A	Quantity released	
8.1.B	Quantity released	3,
8.1.C	quantity released	3,
8.1.D	Quantity released	3,
8.2.A	Quantity used for energy recovery on-site	
8.2.B	Quantity used for energy recovery on-site	
8.2.C	Quantity used for energy recovery on-site	
8.2.D	Quantity used for energy recovery on-site	
8.3.A	Quantity used for energy recovery off-site	116,
8.3.B	Quantity used for energy recovery off-site	39,
8.3.C	Quantity used for energy recovery off-site	42,
8.3.D	Quantity used for energy recovery off-site	42,
8.4.A	Quantity recycled on-site	
8.4.B	Quantity recycled on-site	
8.4.C	Quantity recycled on-site	
8.4.D	Quantity recycled on-site	
8.5.A	Quantity recycled off-site	
8.5.B	Quantity recycled off-site	
8.5.C	Quantity recycled off-site	
8.5.D	Quantity recycled off-site	
8.6.A	Quantity treated on-site	
8.6.B	Quantity treated on-site	1,
8.6.C	Quantity treated on-site	1,
8.6.D	Quantity treated on-site	1,
8.7.A	Quantity treated off-site	
8.7.B	Quantity treated off-site	
8.7.C	Quantity treated off-site	
8.7.D	Quantity treated off-site	
8.8	Quantity released from catastrophic/remedial action	
8.9	Production ratio or activity index	1

TRI FACILITY ID: 00701-RCHPR-ST
DATE: 11/15/94

ROCHE PRODS. INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Num
13-93-07525353-6-PR	ACETONE	000067-6
5.1	Fugitive or non-point air emissions	1,
5.2	Stack or point air emissions	1,
5.3.A	Discharges to water bodies NA	
5.4	Underground injections on-site	
5.5.1	Releases to landfill	
5.5.2	Releases to land treatment/application farming	
5.5.3	Releases to surface impoundment	
5.5.4	Releases to other land disposal	
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	6,
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	
6.2.02	Transfer to other off-site	
6.1.A	Total quantity transferred to POTWs	1 -
8.1.A	Quantity released	27,
8.1.B	Quantity released	~~25,~~
8.1.C	quantity released	2,
8.1.D	Quantity released	2,
8.2.A	Quantity used for energy recovery on-site	
8.2.B	Quantity used for energy recovery on-site	
8.2.C	Quantity used for energy recovery on-site	
8.2.D	Quantity used for energy recovery on-site	
8.3.A	Quantity used for energy recovery off-site	33,
8.3.B	Quantity used for energy recovery off-site	6,
8.3.C	Quantity used for energy recovery off-site	7,
8.3.D	Quantity used for energy recovery off-site	7,
8.4.A	Quantity recycled on-site	
8.4.B	Quantity recycled on-site	
8.4.C	Quantity recycled on-site	
8.4.D	Quantity recycled on-site	
8.5.A	Quantity recycled off-site	
8.5.B	Quantity recycled off-site	
8.5.C	Quantity recycled off-site	
8.5.D	Quantity recycled off-site	
8.6.A	Quantity treated on-site	7,
8.6.B	Quantity treated on-site	7,
8.6.C	Quantity treated on-site	7,
8.6.D	Quantity treated on-site	7,
8.7.A	Quantity treated off-site	
8.7.B	Quantity treated off-site	
8.7.C	Quantity treated off-site	
8.7.D	Quantity treated off-site	
8.8	Quantity released from catastrophic/remedial action	
8.9	Production ratio or activity index	

TRI FACILITY ID: 00701-RCHPR-ST
DATE: 11/15/94

ROCHE PRODS. INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Num
13-93-07525354-8-PR	NAPHTHALENE	000091-2

5.1	Fugitive or non-point air emissions
5.2	Stack or point air emissions
5.3.A	Discharges to water bodies NA
5.4	Underground injections on-site
5.5.1	Releases to landfill
5.5.2	Releases to land treatment/application farming
5.5.3	Releases to surface impoundment
5.5.4	Releases to other land disposal
6.2.01	Transfer to other off-site
6.1.A	Total quantity transferred to POTWs
8.1.A	Quantity released
8.1.B	Quantity released
8.1.C	quantity released
8.1.D	Quantity released
8.2.A	Quantity used for energy recovery on-site
8.2.B	Quantity used for energy recovery on-site
8.2.C	Quantity used for energy recovery on-site
8.2.D	Quantity used for energy recovery on-site
8.3.A	Quantity used for energy recovery off-site
8.3.B	Quantity used for energy recovery off-site
8.3.C	Quantity used for energy recovery off-site
8.3.D	Quantity used for energy recovery off-site
8.4.A	Quantity recycled on-site
8.4.B	Quantity recycled on-site
8.4.C	Quantity recycled on-site
8.4.D	Quantity recycled on-site
8.5.A	Quantity recycled off-site
8.5.B	Quantity recycled off-site
8.5.C	Quantity recycled off-site
8.5.D	Quantity recycled off-site
8.6.A	Quantity treated on-site
8.6.B	Quantity treated on-site
8.6.C	Quantity treated on-site
8.6.D	Quantity treated on-site
8.7.A	Quantity treated off-site
8.7.B	Quantity treated off-site
8.7.C	Quantity treated off-site
8.7.D	Quantity treated off-site
8.8	Quantity released from catastrophic/remedial action
8.9	Production ratio or activity index

TRI FACILITY ID: 00701-RCHPR-S
DATE: 11/15/94

ROCHE PRODS. INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Nu
13-93-07525355-1-PR	NITRIC ACID	007697-

5.1	Fugitive or non-point air emissions	
5.2	Stack or point air emissions	
5.3.A	Discharges to water bodies NA	
5.4	Underground injections on-site	
5.5.1	Releases to landfill	
5.5.2	Releases to land treatment/application farming	
5.5.3	Releases to surface impoundment	
5.5.4	Releases to other land disposal	
6.2.01	Transfer to other off-site	
6.1.A	Total quantity transferred to POTWs	
8.1.A	Quantity released	
8.1.B	Quantity released	
8.1.C	quantity released	
8.1.D	Quantity released	
8.2.A	Quantity used for energy recovery on-site	
8.2.B	Quantity used for energy recovery on-site	
8.2.C	Quantity used for energy recovery on-site	
8.2.D	Quantity used for energy recovery on-site	
8.3.A	Quantity used for energy recovery off-site	
8.3.B	Quantity used for energy recovery off-site	
8.3.C	Quantity used for energy recovery off-site	
8.3.D	Quantity used for energy recovery off-site	
8.4.A	Quantity recycled on-site	
8.4.B	Quantity recycled on-site	
8.4.C	Quantity recycled on-site	
8.4.D	Quantity recycled on-site	
8.5.A	Quantity recycled off-site	
8.5.B	Quantity recycled off-site	
8.5.C	Quantity recycled off-site	
8.5.D	Quantity recycled off-site	
8.6.A	Quantity treated on-site	6
8.6.B	Quantity treated on-site	16
8.6.C	Quantity treated on-site	17
8.6.D	Quantity treated on-site	17
8.7.A	Quantity treated off-site	
8.7.B	Quantity treated off-site	
8.7.C	Quantity treated off-site	
8.7.D	Quantity treated off-site	
8.8	Quantity released from catastrophic/remedial action	
8.9	Production ratio or activity index	

TRI FACILITY ID: 00701-RCHPR-ST
DATE: 11/15/94

ROCHE PRODS. INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Num
13-93-07525356-3-PR	SULFURIC ACID	007664-9

5.1	Fugitive or non-point air emissions	
5.2	Stack or point air emissions	
5.3.A	Discharges to water bodies NA	
5.4	Underground injections on-site	
5.5.1	Releases to landfill	
5.5.2	Releases to land treatment/application farming	
5.5.3	Releases to surface impoundment	
5.5.4	Releases to other land disposal	
6.2.01	Transfer to other off-site	
6.1.A	Total quantity transferred to POTWs	
8.1.A	Quantity released	
8.1.B	Quantity released	
8.1.C	quantity released	
8.1.D	Quantity released	
8.2.A	Quantity used for energy recovery on-site	
8.2.B	Quantity used for energy recovery on-site	
8.2.C	Quantity used for energy recovery on-site	
8.2.D	Quantity used for energy recovery on-site	
8.3.A	Quantity used for energy recovery off-site	
8.3.B	Quantity used for energy recovery off-site	
8.3.C	Quantity used for energy recovery off-site	
8.3.D	Quantity used for energy recovery off-site	
8.4.A	Quantity recycled on-site	
8.4.B	Quantity recycled on-site	
8.4.C	Quantity recycled on-site	
8.4.D	Quantity recycled on-site	
8.5.A	Quantity recycled off-site	
8.5.B	Quantity recycled off-site	
8.5.C	Quantity recycled off-site	
8.5.D	Quantity recycled off-site	
8.6.A	Quantity treated on-site	2,
8.6.B	Quantity treated on-site	13,
8.6.C	Quantity treated on-site	14,
8.6.D	Quantity treated on-site	14,
8.7.A	Quantity treated off-site	
8.7.B	Quantity treated off-site	
8.7.C	Quantity treated off-site	
8.7.D	Quantity treated off-site	
8.8	Quantity released from catastrophic/remedial action	
8.9	Production ratio or activity index	2

TRI FACILITY ID: 00701-RCHPR-ST
DATE: 11/15/94

ROCHE PRODS. INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Num
13-93-07525357-5-PR	METHANOL	000067-5
5.1	Fugitive or non-point air emissions	3,
5.2	Stack or point air emissions	1,
5.3.A	Discharges to water bodies NA	
5.4	Underground injections on-site	
5.5.1	Releases to landfill	
5.5.2	Releases to land treatment/application farming	
5.5.3	Releases to surface impoundment	
5.5.4	Releases to other land disposal	
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	24,
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	
6.2.02	Transfer to other off-site	
6.1.A	Total quantity transferred to POTWs	11 -
8.1.A	Quantity released	7,
8.1.B	Quantity released	4,
8.1.C	quantity released	5,
8.1.D	Quantity released	5,
8.2.A	Quantity used for energy recovery on-site	
8.2.B	Quantity used for energy recovery on-site	
8.2.C	Quantity used for energy recovery on-site	
8.2.D	Quantity used for energy recovery on-site	
8.3.A	Quantity used for energy recovery off-site	76,
8.3.B	Quantity used for energy recovery off-site	24,
8.3.C	Quantity used for energy recovery off-site	27,
8.3.D	Quantity used for energy recovery off-site	27,
8.4.A	Quantity recycled on-site	
8.4.B	Quantity recycled on-site	
8.4.C	Quantity recycled on-site	
8.4.D	Quantity recycled on-site	
8.5.A	Quantity recycled off-site	
8.5.B	Quantity recycled off-site	
8.5.C	Quantity recycled off-site	
8.5.D	Quantity recycled off-site	
8.6.A	Quantity treated on-site	31,
8.6.B	Quantity treated on-site	29,
8.6.C	Quantity treated on-site	32,
8.6.D	Quantity treated on-site	32,
8.7.A	Quantity treated off-site	3,
8.7.B	Quantity treated off-site	
8.7.C	Quantity treated off-site	
8.7.D	Quantity treated off-site	
8.8	Quantity released from catastrophic/remedial action	
8.9	Production ratio or activity index	1

TRI FACILITY ID: 00701-RCHPR-ST
DATE: 11/15/94

ROCHE PRODS. INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Num.
13-93-07525358-7-PR	HYDROCHLORIC ACID	007647-0

5.1	Fugitive or non-point air emissions	
5.2	Stack or point air emissions	
5.3.A	Discharges to water bodies NA	
5.4	Underground injections on-site	
5.5.1	Releases to landfill	
5.5.2	Releases to land treatment/application farming	
5.5.3	Releases to surface impoundment	
5.5.4	Releases to other land disposal	
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	
6.2.02	Transfer to other off-site	
6.1.A	Total quantity transferred to POTWs	
8.1.A	Quantity released	
8.1.B	Quantity released	
8.1.C	quantity released	
8.1.D	Quantity released	
8.2.A	Quantity used for energy recovery on-site	
8.2.B	Quantity used for energy recovery on-site	
8.2.C	Quantity used for energy recovery on-site	
8.2.D	Quantity used for energy recovery on-site	
8.3.A	Quantity used for energy recovery off-site	
8.3.B	Quantity used for energy recovery off-site	
8.3.C	Quantity used for energy recovery off-site	
8.3.D	Quantity used for energy recovery off-site	
8.4.A	Quantity recycled on-site	
8.4.B	Quantity recycled on-site	
8.4.C	Quantity recycled on-site	
8.4.D	Quantity recycled on-site	
8.5.A	Quantity recycled off-site	
8.5.B	Quantity recycled off-site	
8.5.C	Quantity recycled off-site	
8.5.D	Quantity recycled off-site	
8.6.A	Quantity treated on-site	7,
8.6.B	Quantity treated on-site	19,
8.6.C	Quantity treated on-site	21,
8.6.D	Quantity treated on-site	21,
8.7.A	Quantity treated off-site	
8.7.B	Quantity treated off-site	
8.7.C	Quantity treated off-site	
8.7.D	Quantity treated off-site	
8.8	Quantity released from catastrophic/remedial action	
8.9	Production ratio or activity index	2

TRI FACILITY ID: 00701-RCHPR-ST
DATE: 11/15/94

ROCHE PRODS. INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Num
13-93-07525359-9-PR	AMMONIA	007664-4

5.4	Underground injections on-site	
5.1	Fugitive or non-point air emissions	1 -
5.2	Stack or point air emissions	11 -
5.3.A	Discharges to water bodies NA	
5.5.1	Releases to landfill	
5.5.2	Releases to land treatment/application farming	
5.5.3	Releases to surface impoundment	
5.5.4	Releases to other land disposal	
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	
6.2.02	Transfer to other off-site	
6.1.A	Total quantity transferred to POTWs	1,
8.1.A	Quantity released	
8.1.B	Quantity released	
8.1.C	quantity released	
8.1.D	Quantity released	
8.2.A	Quantity used for energy recovery on-site	
8.2.B	Quantity used for energy recovery on-site	
8.2.C	Quantity used for energy recovery on-site	
8.2.D	Quantity used for energy recovery on-site	
8.3.A	Quantity used for energy recovery off-site	
8.3.B	Quantity used for energy recovery off-site	
8.3.C	Quantity used for energy recovery off-site	
8.3.D	Quantity used for energy recovery off-site	
8.4.A	Quantity recycled on-site	
8.4.B	Quantity recycled on-site	
8.4.C	Quantity recycled on-site	
8.4.D	Quantity recycled on-site	
8.5.A	Quantity recycled off-site	
8.5.B	Quantity recycled off-site	
8.5.C	Quantity recycled off-site	
8.5.D	Quantity recycled off-site	
8.6.A	Quantity treated on-site	12,
8.6.B	Quantity treated on-site	14,
8.6.C	Quantity treated on-site	15,
8.6.D	Quantity treated on-site	15,
8.7.A	Quantity treated off-site	2,
8.7.B	Quantity treated off-site	1,
8.7.C	Quantity treated off-site	1,
8.7.D	Quantity treated off-site	1,
8.8	Quantity released from catastrophic/remedial action	
8.9	Production ratio or activity index	

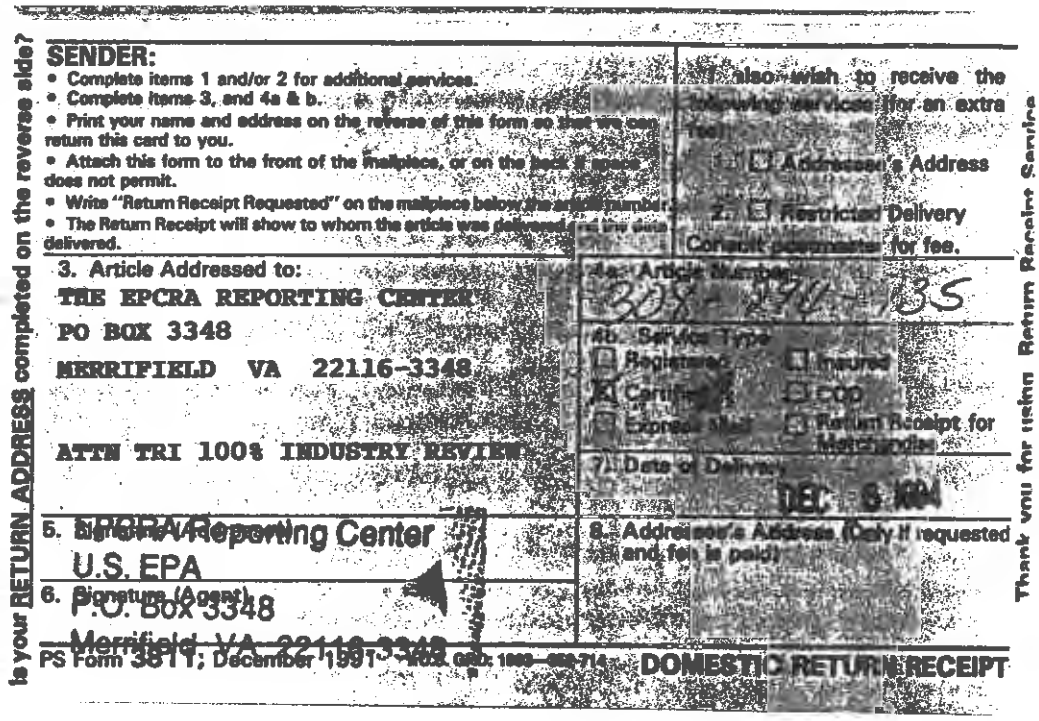
TRI FACILITY ID: 00701-RCHPR-ST
DATE: 11/15/94

ROCHE PRODS. INC.
STATE RD. 670 KM 2.7
MANATI, PR 00674

R E L E A S E V A L U E R E P O R T

Document Control Nbr.	Chemical Name	CAS Num
13-93-07525360-1-PR	METHYL ETHYL KETONE	000078-9
5.1	Fugitive or non-point air emissions	11 -
5.2	Stack or point air emissions	7,
5.3.A	Discharges to water bodies NA	
5.4	Underground injections on-site	
5.5.1	Releases to landfill	
5.5.2	Releases to land treatment/application farming	
5.5.3	Releases to surface impoundment	
5.5.4	Releases to other land disposal	
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	7,
6.2.01	Transfer to other off-site SAFETY KLEEN ENVIROSYSTE	
6.2.02	Transfer to other off-site	
6.1.A	Total quantity transferred to POTWs	1 -
8.1.A	Quantity released	1,
8.1.B	Quantity released	8,
8.1.C	quantity released	9,
8.1.D	Quantity released	9,
8.2.A	Quantity used for energy recovery on-site	
8.2.B	Quantity used for energy recovery on-site	
8.2.C	Quantity used for energy recovery on-site	
8.2.D	Quantity used for energy recovery on-site	
8.3.A	Quantity used for energy recovery off-site	2,
8.3.B	Quantity used for energy recovery off-site	7,
8.3.C	Quantity used for energy recovery off-site	8,
8.3.D	Quantity used for energy recovery off-site	8,
8.4.A	Quantity recycled on-site	
8.4.B	Quantity recycled on-site	
8.4.C	Quantity recycled on-site	
8.4.D	Quantity recycled on-site	
8.5.A	Quantity recycled off-site	
8.5.B	Quantity recycled off-site	
8.5.C	Quantity recycled off-site	
8.5.D	Quantity recycled off-site	
8.6.A	Quantity treated on-site	
8.6.B	Quantity treated on-site	
8.6.C	Quantity treated on-site	
8.6.D	Quantity treated on-site	
8.7.A	Quantity treated off-site	
8.7.B	Quantity treated off-site	
8.7.C	Quantity treated off-site	
8.7.D	Quantity treated off-site	
8.8	Quantity released from catastrophic/remedial action	
8.9	Production ratio or activity index	3

Is your RETURN ADDRESS completed on the reverse side?



SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

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THE EPCRA REPORTING CENTER
PO BOX 3348
MERRIFIELD VA 22116-3348

ATTN TRI 100% INDUSTRY REVIEW

4a. Article Number: 308-290-135

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery: DEC 6 1994

5. Signature (Agent): EPCRA Reporting Center U.S. EPA

6. Signature (Agent): P.O. Box 3348 Merrifield, VA 22116-3348

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811; December 1991 MOD. GRD: 1993—[illegible]

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service

ROCHE PRODUCTS INC.
PRODUCTION PLANNING DEPARTMENT
HAZARDAUS MATERIAL LIST
TIER I AND II REPORTING REQUIREMENTS

DATE: APRIL 5, 1993

CODE	PRODUCT	MAXIMUM DAILY AMOUNT	AVERAGE DAILY AMOUNT	NUMBER OF DAYS ON SITE	TIPS OF STORAGE	WAREHOUSE 301	WAREHOUSE 302	CHEMICAL 601	PHARMACY 201
22-015	Acetic Acid	13,044	7,244	365	Tank & Drum		X	X	
22-025	Acetone	18,594	12,219	365	Tank			X	
22-060	Alcohol 2B	19,359	12,465	365	Tank			X	
22-140	Ammonia Aqua	2,346	1,928	365	Tank			X	
22-146	Ammonia Gas Anhydrous	1,976	1,198	365	Cylinder		X	X	
-520	Caustic Soda	24,791	22,218	365	Tank			X	
-590	Chloraxetyl Chloride	5,067	3,229	365	Drum		X	X	
22-775	Dimethyl Sulfate	3,885	3,854	365	Drum		X	X	
23-075	Hydrochloric Acid	1,745	1,622	365	Drum		X	X	
23-100	Hydrogen Chloride Gas	845	812	365	Cylinder		X	X	
23-211	Isopropyl Alcohol	11,529	11,529	365	Tank & Drum		X	X	
23-530	Metanol	21,050	10,884	365	Tank & Drum		X	X	
23-535	Methyl Bromide Gas	181	151	365	Cylinder		X		
23-545	Methylene Chloride	20,000	17,698	365	Drum		X	X	
23-625	Mono Methyl Amino Gas	3,086	1,874	365	Cylinder		X	X	
23-645	Muriatic Acid	682	682	365	Drum		X		
23-696	Nitric Acid	6,750	5,093	365	Tank			X	
23-743	Ortho Xylene	2,805	2,748	365	Drum		X	X	
24-415	Sulfuric Acid	2,942	2,707	365	Drum		X	X	
24-530	Toluene	28,221	26,515	365	Tank			X	
19-380	Methylene Chloride	2,192	885	365	Drum		X		X
22-055	Alcohol 3A	1,557	868	365	Drum		X		X
-210	Isopropyl Alcohol	557	272	365	Drum		X		X
-560	Methyl Ethly Ketone	17,121	15,110	365	Drum		X	X	

Prepared by: [signature]

Approved by: [signature]

		1993 ANNUAL REPORT					
METHANOL							
	SOURCE	BEFORE	AFTER	LOTS	BEFORE	AFTER	
OXIME	R-110	4.7	0.882	35	164.5	30.87	
"	T-214	2.43	2.43	35	85.05	85.05	
C/A	T-134	2.05	0.021	34	69.7	0.714	
"	R-155	1.76	1.76	34	59.84	59.84	
CRUDE	T-116	0.07	0.07	38	2.66	2.66	
"	T-147	0.18	0.18	38	6.84	6.84	
"	T-198	0.07	0	38	2.66	0	
"	R-126	0.05	0	38	1.9	0	
"	T-143	0.14	0.14	38	5.32	5.32	
"	R-128	0.11	0.011	38	4.18	0.418	
L/B HCL	R-122	0.02	0.02	10	0.2	0.2	
"	S-124	0.86	0	10	8.6	0	
"	T-170	0.42	0.004	10	4.2	0.04	
M.REC.	T-173	2.48	0.25	10	24.8	2.5	
"	T-171	20.94	14.866	10	209.4	148.66	
F. HCL	R-166	18.7	18.7	0	0	0	
"	R-144	0.99	0.99	0	0	0	
"	S-135	0.16	0	0	0	0	
"	T-184	0.37	0.37	0	0	0	
N.SALTS	R-108	0.02	0.002	6	0.12	0.012	
"	R-109	0.07	0.07	6	0.42	0.42	
METHYLA.	R-402	0.08	0.08	6	0.48	0.48	
"	T-404	0.09	0.09	6	0.54	0.54	
	R-131	1.88	1.88	6	11.28	11.28	
"	T-220	0.05	0.05	6	0.3	0.3	
"	R-133	0.22	0.22	6	1.32	1.32	
L/B HCL	R-145	1.43	1.43	10	14.3	14.3	
TANK	T-116	0.07	0.07	35	2.45	2.45	
"	T-134	2.05	0.021	35	71.75	0.735	
"	T-143	0.14	0.14	35	4.9	4.9	
"	T-147	0.18	0.18	10	1.8	1.8	
"	T-173	2.48	0.25	44	109.12	11	
"	T-171	20.94	20.94	44	921.36	921.36	
"	T-170	0.42	0.004	44	18.48	0.176	
"	T-198	0.07	0	44	3.08	0	
"	T-214	2.43	2.43	35	85.05	85.05	
				TOTAL(#)	1896.6	1399.235	
				TOTAL(K)	862.09091	636.01591	
				TONS	0.8620909	0.6360159	

1993 ANNUAL REPORT

MONTH	OIL (GALLONS)
January	211159
February	209700
March	216290
April	212380
May	143812
June	206000
July	231428
August	144827
September	164558
October	166897
November	206767
December	243807
TOTAL	2357625

LABORATORY RESULTS(AVG.) 42.7 API 6.752

7235.7655 TONS

SULFUR 14.457989 AS SO2

Attachment 5

RAW MATERIAL COVERED UNDER SARA TITLE III

1993

CODE	PRODUCT	INV. BAL. 12/31/92	PURCHASES 1993	INV. BAL. 12/31/93	CONSUMPTION 1993	CONSUMPTION LBS	CONSUMPTION OVER 10K
22-025	Acetone	13,285	18,000	18,485	12,800	28,219	*
22-146	Ammonia Gas	3,368	5,715	2,454	6,629	14,614	*
22-140	Ammonia Agua	486	1,870	1,415	941	2,075	*
23-545	Methylene Chloride	10,897	155,405	11,014	155,288	342,351	*
22-775	Dimethyl Sulfate	3,706	-0-	3,100	606	1,336	
23-075	Hydrochloric Acid	1,152	-0-	685	467	1,029	*
23-645	Muriatic Acid	2,293	5,909	-0-	8,202	18,082	*
23-100	Hydrogen Chloride Gas	707	-0-	477	230	507	
24-725	Zinc Dust	498	499	635	362	798	
23-530	Methanol	10,140	90,000	3,478	96,662	213,103	*
23-535	Methyl Bromide	45	2,925	159	2,811	6,197	
23-696	Nitric Acid	3,780	5,400	1,890	7,290	16,072	*
24-415	Sulfuric Acid	2,116	6,240	2,425	5,931	13,076	*
24-530	Toluene	10,972	52,800	13,244	50,528	111,395	*
23-743	Ortho Xylene	1,802	2,112	432	3,482	7,675	
22,055	Alcohol 3A	1,427	2,596	3,770	253	558	*
22-060	Alcohol 2B	23,457	108,000	19,893	111,564	245,956	*
23-560	Methyl Ethyl Ketone	15,110	6,987	5,087	17,010	37,501	*
24,030	Pyridine	388	400	167	621	1,369	

TP/jm

	Initials	Date
Prepared By		
Approved By		

Raw Material Covered Under Sara Title III

1993

Code	Product	Inv. Bal. 12/31/92	Purchases 1993	Inv. Bal. 12/31/93	Consumption 1993
22-035	Acetone	13285	18000	18485	12800
22-146	Ammonia Mon	3368	5715	2454	6629
22-140	Ammonia Aqua	486	1870	1415	941
23-545	Methylene Chloride	10897	155405	11014	155288
22-775	Dimethyl Sulfate	3706	-0-	3100	606
23-075	Hydrochloric Acid	1152	-0-	685	467
23-645	Muriatic Acid	2293	5904	-0-	8203
23-100	Hydrogen Chloride Gas	707	-0-	477	230
24-726	Zinc Dust	498	499	635	362
23-530	Methanol	10140	90000	3478	96662
23-535	Methyl Bromide	45	2925	159	2811
23-656	Nitric Acid	3780	5400	1890	7290
24-415	Sulfuric Acid	2116	6240	2435	5931
24-530	Toluene	10972	52800	13244	50528
23-743	Ortho Xylene	1802	2112	432	3482
22-056	Alcohol 3A	1427	2596	3770	253
22-060	Alcohol 2B	23457	108000	19893	111564
23-520	Methyl Ethyl Ketone	15110	6987	5087	17010
24-030	Pyridine	388	400	167	621

FILE ☐ COMMENT ☐
COPY ☐ DISCARD ☐
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Alternate Closure Plan for Wastewater Basins

Roche Products, Inc.
Manati, Puerto Rico

Revision 4

May 1994

TRC
TRC Environmental Corporation

Alternate Closure Plan
for Wastewater Basins
Roche Products, Inc.
Manati, Puerto Rico

Revision 4

May 1994

TRC ENVIRONMENTAL CORPORATION
Boott Mills South
Foot of John Street
Lowell, MA 01852
(508) 970-5600

TRC

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SECTION 1

INTRODUCTION

BACKGROUND

The events leading to the preparation of this Alternate Closure Plan are summarized in this section. This revision to the Alternate Closure Plan follows a series of administrative and technical meetings, discussions, and correspondence between EPA and Roche Products, Inc. (RPI) concerning closure of the facility's wastewater treatment basins. In May 1990, RPI representatives met with EPA Region II RCRA officials to discuss the Alternate Closure Plan and reaffirm the viability of the Alternate Closure Plan concept. The most recent correspondence received by RPI from EPA Region II was a March 12, 1993 Notice of Deficiency (NOD) issued to RPI by EPA's Chief, New Jersey/ Caribbean Permit Section. The NOD outlined a number of issues EPA had examined, and indicated that "after considering many factors and consulting EPA Headquarters, we have arrived at a position that the proposed Closure Plan in concept a viable alternative solution to the closure of the WWTP". This correspondence elaborated on the decisionmaking logic. It stated that "taking angle borings as the logical first step to determine the presence and extent of contamination underneath the basins before considering any removal activities of the basins is reasonable and logical to EPA. We share Roches's position that only the presence and extent of contamination found underneath the basins determine the necessity of the removal of the basins." The letter further states that " the surface impoundments are situated in a known Karst region where ground water monitoring is generally regarded as impractical at best. The conventional ground water monitoring, at a great deal of expense, would probably not yield any useful information in the determination of the adequacy of the closure." This correspondence further listed deficiencies that the EPA's review of the February 1990 (Rev. 3) Alternate Closure Plan for Wastewater Basins, Roche Products, Inc., Manati, Puerto Rico revealed.

On June 8, 1993, RPI representatives provided proposed approaches to each of the NOD issues via letter to EPA's NJ/Caribbean Permit Section Chief, and pursued resolution of differences in approach with EPA's permit writer. A teleconference call held on November 19, 1994 involving RPI and EPA representatives resolved a number of issues, and led to a second teleconference held on February 15, 1994, during which remaining outstanding differences in approach were agreed to in concept.

This revision (Rev. 4) to the Alternate Closure Plan addresses the concerns expressed by EPA in the NOD, and subsequent discussions, in the specific areas of:

1. Sampling and Analysis
2. QA/QC Procedures
3. Closure Activities & Decontamination Procedures
4. Post Closure Monitoring

EPA's NOD further requested an update to an interagency well study that RPI participated in financially. This update has been provided separate from this document by RPI representatives.

OVERVIEW

This Alternate Closure Plan presents in detail a multimedia sampling and analysis program designed to evaluate whether a release of hazardous wastes or hazardous constituents has occurred from the wastewater treatment basins into the environment. This Alternate Closure Plan will investigate soil gas, surficial soils, subsurface soils, sludges in the basins, liquids collected in the basins' leak detection systems, and the condition of the basins' concrete surfaces to evaluate whether a release has occurred. This plan also proposes post-closure monitoring through the use of soil gas monitoring wells and lysimeters set in the vadose zone.

In the event a release of hazardous wastes or hazardous constituents has occurred from the wastewater treatment basins into the environment, as evidenced by the presence of contaminants above action levels, potential impacts to ground water will be assessed by evaluation of environmental data generated during this study. The assessment will include review of existing geologic, hydrologic and hydrogeologic literature, partition modelling, review of documents or dye trace studies, and review of any other works in progress.

Roche Products, Inc. is supportive of the concept of a joint public/private research venture to evaluate potential impacts to the Puerto Rico North Coast regional ground water regime due to releases of hazardous substances from surface or near-surface sources.

HISTORY OF ALTERNATE CLOSURE PLAN DEVELOPMENT

This section provides the regulatory and technical issues and the historical events which led to preparation of this Alternate Closure Plan.

Regulatory Issues

RPI identified the potential for treatment of up to 200 gallons/day of waste biodegradable solvents as a T04 activity in the historical versions of the facility's RCRA Part A application. In RPI's case, the T04 activity was biological treatment. RPI identified the location of the T04 treatment activity as the wastewater treatment system (WWTS). The WWTS consists of a 60,000 gallons/day activated sludge system.

EPA had previously requested that RPI submit a Part B permit application. RPI had submitted its RCRA Part B application on November 23, 1987. RPI indicated in the Part B submittal's cover letter that the WWTS meets the definition of a "wastewater treatment unit" (as per 40 CFR 260.10).

The 40 CFR 260.10 definition includes wastewater treatment units regulated under the Clean Water Act that treat a RCRA hazardous waste (in RPI's case, under CWA 307(b)). On this

basis, the RCRA 40 CFR 264.1 (g)(6) regulations indicate that the RPI WWTS is exempt from the TSDF RCRA regulations. This is the basis of RPI's contention that the WWTS is not a regulated unit. RPI included in their Part B application non-required information related to the WWTS as further evidence that proper classification of the WWTS should be as a non-regulated unit.

Technical Issues

The primary technical issue is the extent of investigation which must be undertaken to demonstrate the absence of hazardous constituent migration from the RPI wastewater treatment basins.

The T04 role of the WWTS was curtailed in February 1987. The extent of waste treatment in the WWTS had historically fallen well below the 200 gallons/day quantity estimated in the Part A. For example, the RPI facility annual hazardous waste report for 1986 indicates that less than 13,000 kg of solvent-bearing RCRA wastes were treated in the WWTS. The 1986 RCRA discharge is equivalent to approximately 17 days of discharge at the estimated 200 gallons/day. RPI continues to operate the WWTS for treatment of non-hazardous wastewaters. Effluent is discharged to the Barceloneta Regional Wastewater Treatment Plant, a POTW, in accordance with RPI's pretreatment permit.

As discussed in greater detail later in this plan, the WWTS basins are constructed of reinforced concrete and lined with a waterproofing sealant. The basins are underlain by a leak detection system. Plant operations to date, and available analytical data describing leachate quality, both indicate the absence of significant hazardous constituent migration.

RCRA guidance on clean closure of surface impoundments (Draft Surface Impoundment Clean Closure Guidance Manual, OSWER Directive 9476.00-8.C, March 31, 1987) requires sampling of waste residues, containment system components, and environmental media to determine if contamination has occurred. The guidance requires removal or decontamination of any materials found contaminated. The guidance further requires a statistically-valid

sampling scheme for each material category. RPI believes the completion of clean closure activities in strict accordance with the above-noted manual would destroy the basins' integrity unnecessarily if contaminants have not migrated into or below the basins, and effectively foster the very migration RCRA seeks to prevent. RPI contends that there is no reason to check for contaminant penetration into the actual concrete if there is no evidence of contamination underneath the basins.

OBJECTIVE - ALTERNATE CLOSURE PLAN

RPI's objective is to control, minimize, or eliminate, to the extent necessary to protect human health and the environment, the post-closure escape of hazardous waste, hazardous constituents, leachate, contaminated run-off, or hazardous waste decomposition products to the ground from the WWTS while operating the unit for the treatment of non-hazardous wastewaters. This objective is consistent with the closure performance standard for hazardous waste management facilities (40 CFR 265.111). Activities delineated in this plan will determine if hazardous wastes and/or constituents have migrated from the WWTS. If migration is found, the plan provides a methodology to determine if such hazardous constituents are creating a significant impact to human health or the environment.

This plan also describes potential responses in the event the sampling investigation finds constituent migration. The responses are consistent with 40 CFR 264.101 (a) and proposed Subpart S regulations which state SWMU corrective action requirements for RCRA facilities. The response objectives were formulated by RPI to address the technical issues common to both a SWMU investigation under EPA's corrective action program, and EPA's closure performance standard.

RPI submits this plan for Agency approval as an alternate Closure Plan. However, RPI does not consider the WWTS or any of its component basins to be, or to ever have been, regulated unit surface impoundments subject to 40 CFR 265 closure requirements and RPI reserves the right to raise this issue in the future.

DESCRIPTION OF PLAN ORGANIZATION

This plan has been organized into 14 sections. Sections 2 through 5 provide existing facility information related to closure. Sections 6 and 7 describe the hazardous constituents of concern at the RPI facility, and potential associated risks. Sections 8 and 9 provide a field investigation plan of action that will generate data necessary to evaluate closure alternatives. Section 10 presents closure options to be implemented based on findings of the field investigation. Sections 11 through 13 address closure and post closure activities, costs, and schedules. Appendices include a quality assurance project plan (QAPP) (Appendix A), and other pertinent supportive information and documentation.

PLAN RELATION TO PART B APPLICATION

In many cases, technical information applicable to this alternate Closure Plan was previously submitted to EPA Region II in RPI's Part B application. Where appropriate, this plan refers the reader back to the Part B information.

SECTION 2

GENERAL INFORMATION

The facility name/owner-operator, RCRA ID number, location/address, and facility contact/phone number have been previously filed with EPA Region II in the RCRA Part B application/EPA I.D. PRD 090584152, submitted on November 23, 1987. These data are repeated here for ease of reference.

FACILITY NAME:	Roche Products, Inc. (RPI)
OWNER/OPERATOR:	Roche Products, Inc. (Panama Corporation)
RCRA ID#:	PRD 090584152
LOCATION/ADDRESS:	State Road 686 Km 4.2 P.O. Box 452 Manati, PR 00701
FACILITY CONTACT:	Matti Munoz
ALTERNATE CONTACT:	Ligia Nieto
TELEPHONE NUMBER:	809-854-3020

TRC

SECTION 3
FACILITY OVERVIEW

GEOGRAPHY

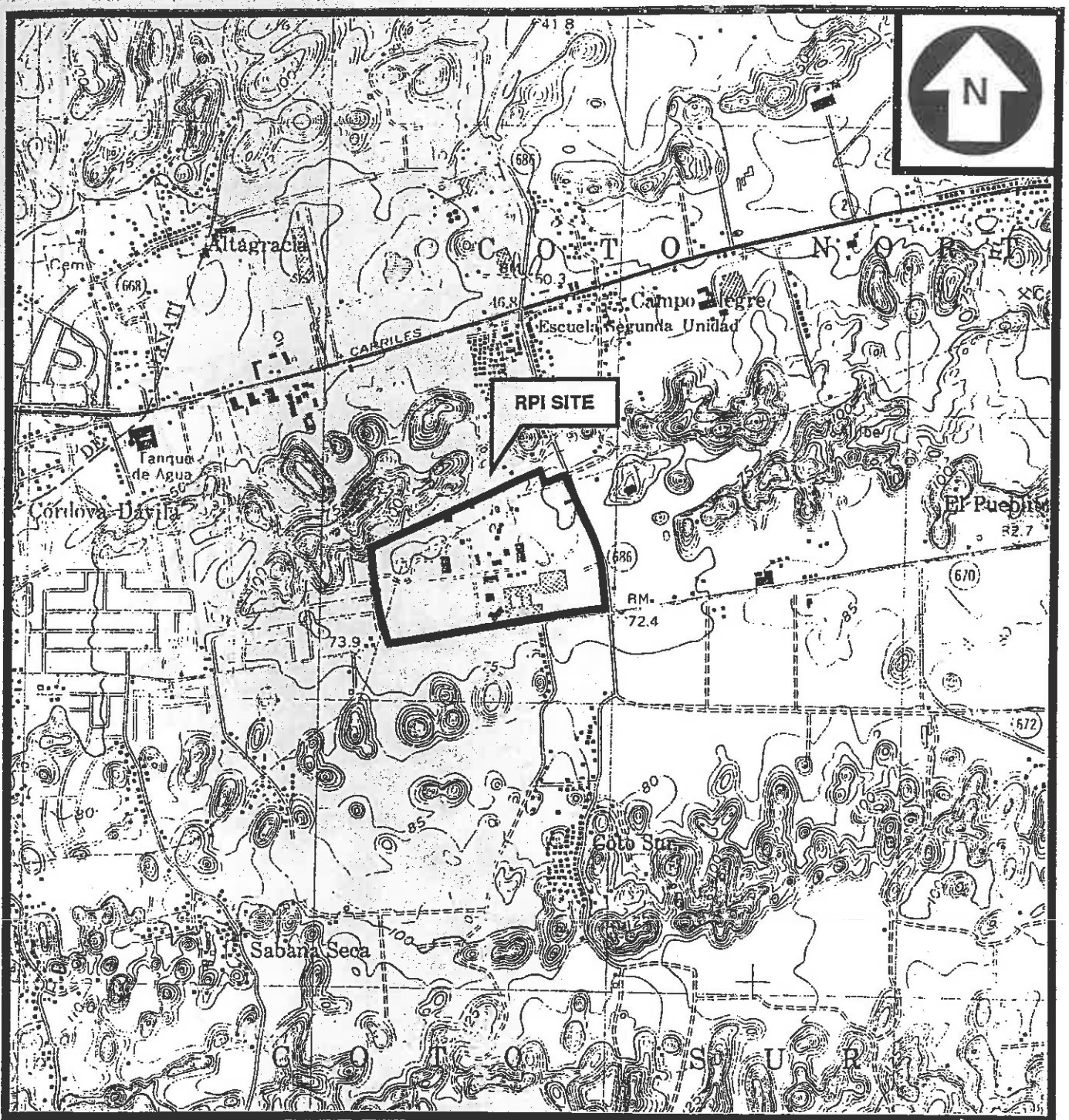
The RPI facility location is illustrated in Figure 3-1. A plan view of the facility, illustrating the location of the wastewater treatment plant within the facility, is presented in Figure 3-2. RPI is located approximately 3.5 km east of the town of Manati, to the north of State Road No. 670, at the intersection of State Road No. 686. Site topography is illustrated in the general grading plan presented in Appendix 2.3 of the Part B. In general, the site has a very low relief, except at the northwestern border of the site. In general, the site slopes gently to the north. The RPI property covers 98.9 acres.

NEIGHBORING FACILITIES

The RPI facility is located in an area zoned industrial by the local planning board. The immediate surrounding land use is rural and residential. Residential land use is predominant to the west and north of the facility. Rural land use (pineapple plantations) is predominant to the south of the facility. The land to the east of the facility is undeveloped at the facility boundary, and is residential beyond. A number of major industries are located within a one mile radius of the RPI site.

ACTIVITIES GENERATING RCRA WASTES

The waste solvents historically treated in the WWTS by RPI are generated in the chemical processes used to manufacture bulk pharmaceutical products. Numerous individual



BASE MAP IS A PORTION OF THE FOLLOWING 7.5' U.S.G.S. QUADRANGLE(S): MANATI, PR, 1969; PHOTOREVISED 1982

0 1000 2000 3000 feet

PUERTO RICO

QUADRANGLE LOCATION

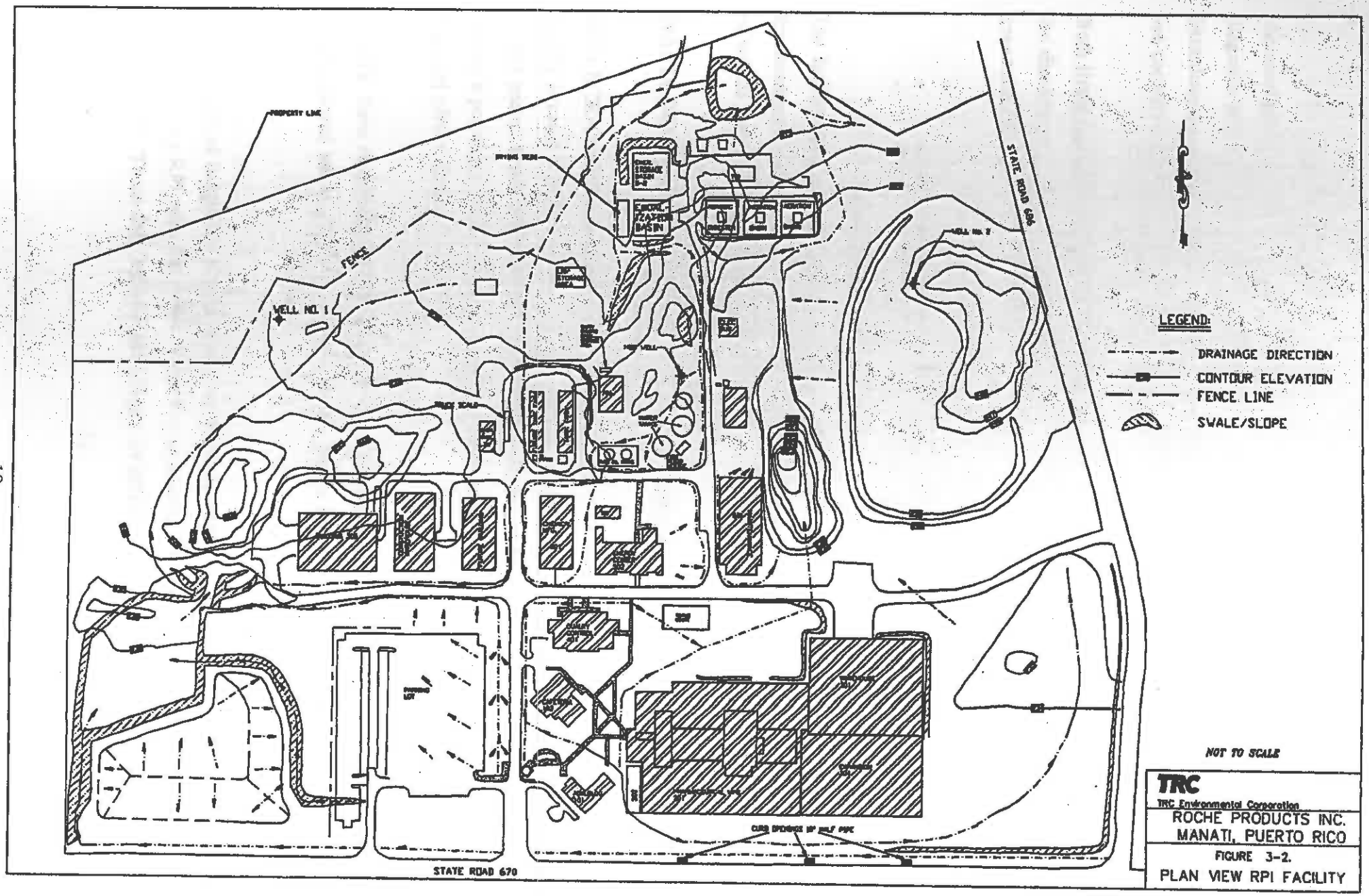
LOCATION MAP

LOCATION OF ROCHE PRODUCTS INC.
MANATI, PUERTO RICO

TRC

Figure 3-1.

MS39/1/D


PROPERTY LINE
FENCE
WELL NO. 1
STATE ROAD 685
WELL NO. 2
STATE ROAD 670
LEGEND:
DRAINAGE DIRECTION
CONTOUR ELEVATION
FENCE LINE
SWALE/SLOPE
NOT TO SCALE
TRC
TRC Environmental Corporation
ROCHE PRODUCTS INC.
MANATI, PUERTO RICO
FIGURE 3-2.
PLAN VIEW RPI FACILITY

chemical processes generate wastes. Appendix 3.1 of the Part B includes process flow diagrams and identifies processes generating wastes. Table 3-1 of the Part B summarizes hazardous waste generation by process. With the exception of spent laboratory wastes that are corrosive (D002), all RCRA wastes are organic acids (alcohols) or solvents.

Both listed hazardous wastes from non-specific sources (F code wastes), and wastes exhibiting the characteristic of ignitability (D001 wastes) are generated at RPI. Listed RCRA wastes generated fall into three categories:

- F002 - toxic waste halogenated solvents;
- F003 - ignitable waste non-halogenated solvents; and
- F005 - toxic/ignitable waste non-halogenated solvents.

The facility annual and biennial hazardous waste reports filed by RPI with the Puerto Rico Environmental Quality Board (EQB) and EPA Region II indicate the only change to the types of wastes generated had been the addition of lithium bromide sludges in 1987.

WASTE MANAGEMENT PRACTICES - HISTORICAL TO PRESENT

RPI's RCRA hazardous wastes have been managed in a limited number of ways since the facility became a RCRA TSDF. Prior to 1983, RCRA wastes were disposed of offsite or treated onsite. From 1983 through mid-1988, all generated RCRA wastes were stored in the facility's permitted RCRA storage facility or treated onsite. No hazardous wastes were disposed offsite during this period.

In 1988, three shipments of RCRA wastes for offsite disposal were made. Presently, wastes are also stored onsite. No treatment of RCRA wastes has occurred onsite since February 1987.

The volumes of hazardous wastes treated onsite have been compiled from the annual facility reports filed by RPI with the EQB. Table 3-1 summarizes these data for the period of 1981 through 1987. These data indicate the volume of RCRA wastes actually treated varied during

TRC

TABLE 3-1. RCRA WASTES TREATED IN THE WWTS FOR THE PERIOD 1981 THROUGH 1987

Year	Waste Code	Kg/Yr Treated-WWTS	Total RCRA Waste Treated/Plantwide Kg/Yr	Average Yearly Treatment Load Kg
1981	F005 F003	3,719 1,975	5,694	33,025
1982	F003 F005 D001 D002	2,586 4,149 27,683 1,459	35,877	
1983	F003 F002 F005 D001 D002	28,005 8,230 16,036 28,083 24,124	104,478	
1984	F003 F002 F005 D001 D002	18,850 3,231 8,471 8,313 2,832	41,697	
1985	F003 F005 D001	7,418 6,433 3,225	17,076	
1986	F003 F002 F005 D001	4,036.5 3,689 1,294.5 3,773	12,793	
1987	F003 F005 D001	3,355 2,813.5 7,388.5	13,557	

1981-87. The greatest use of the WWTS for RCRA wastes occurred in 1983. Since only liquid hazardous wastes were treated in the WWTS, it is easily demonstrated that average loading to the WWTS has been approximately an order of magnitude lower than the 200 gallons/day rate included in RPI's historical Part A applications (assuming a specific gravity of these wastes of 1.0).

TRC

SECTION 4
RCRA HISTORY

GENERATOR NOTIFICATION

RPI notified EPA of generator activities subsequent to May 19, and prior to November 19, 1980.

PART A SUBMITTAL/REVISION

RPI filed the first Part A application for the Manati facility on November 19, 1980, the date by which all RCRA TSDFs were required to file to receive interim status. The RPI Part A filing at that time was similar to the majority of filers in that RPI decided to protective file to preserve options until the RCRA program developed further. RPI indicated drum storage for all wastes with some treatment options in the first Part A.

Four Part A revisions have been submitted since the original submittal. The Part A revisions were submitted on June 3, 1981; June 7, 1983; March 21, 1984; and April 3, 1984. All Part A revisions listed T04 treatment and drum storage.

PART B SUBMITTAL/REVISION

RPI filed the first Part B application for the Manati facility on November 23, 1987, followed by subsequent revisions and data submissions. RPI sought RCRA permit status for drum storage for all RCRA wastes.

RPI indicated in the Part B submittal's cover letter that the WWTS met the definition of a "wastewater treatment unit" (as per 40 CFR 260.10). The 40 CFR 260.10 definition includes wastewater treatment units regulated under the Clean Water Act that treat a RCRA hazardous waste (in RPI's case, under CWA 307(b)). RCRA 40 CFR 264.1 (g)(6) regulations indicate such units are exempt from the TSDF RCRA regulations. This formed the basis of RPI's

contention that the WWTS was/is not a regulated unit. RPI included in their Part B application non-required information related to the WWTS as further evidence that proper classification of the WWTS should be as a non-regulated unit.

FINAL RCRA PERMIT

EPA issued a final permit for the hazardous waste container storage area, effective December 1, 1990, to expire on December 1, 1995.

NPDES/RCRA INTERFACE

The WWTS is licensed with the Puerto Rico Aqueducts and Sewer Authority (PRASA) under the pretreatment authorities of Sec. 307(b) of the Federal Clean Water Act. The license number is (GDA-93-210-046). Treated wastewaters are discharged to the Barceloneta Regional Wastewater Treatment Plant (BRWTP). There is not an NPDES permit associated with the WWTS discharge. The WWTS discharge permit currently limits the discharge of pollutants on a daily maximum. Specific limits include: BOD to 250 mg/L, oil & grease to 50 mg/L, COD to 500 mg/L, and phenols to .5 mg/L. The Clean Water Act priority pollutants (40 CFR 423) are monitored twice per year. Other limits apply to 13 metals, total suspended solids, flashpoint, and cyanides.

CURRENT STATUS

The WWTS currently receives no RCRA hazardous wastes, and is operating in accordance with its permit. RPI is operating the WWTS for the treatment of process wastewaters.

SECTION 5
WASTEWATER TREATMENT BASIN INFORMATION

LOCATION WITHIN THE FACILITY

The WWTS basins are located in the northern portion of the RPI facility. The location is indicated as "W.T.P. Basins" on the site plan appearing in Appendix 2.1 of the Part B.

PHYSICAL DESCRIPTION

As illustrated on Figure 5-1, the WWTS consists of five basins and auxiliary processes. Each basin is constructed of reinforced concrete and lined with Vandex, a sealant designed to add redundancy to the waterproofing offered by the reinforced concrete.

Basin B-1, the equalization basin, and basin B-2, the emergency basin, each have a design capacity of 350,000 gallons. Two aeration basins, B-3 and B-4, and the aerobic digester basin B-5, each have a capacity of 205,000 gallons. Each of the five basins are underlain by a leak detection system.

BASIN DESIGN FEATURES

The design profile of the 205,000 gallon basins (B-3, B-4 and B-5) is illustrated in Figure 5-2. The design profile of the 350,000 gallon basins (B-1 and B-2) is illustrated in Figure 5-3. Plan views are presented in Figures 5-4 and 5-5. The figures were developed from the original drawings No. MD-701-7501-C-103 through C-106 included in Appendix 2.5 of the Part B. These drawings were issued for construction on February 19, 1976 by R. E. Sarriera Associates; construction was by Daniel Construction during 1976.

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: JANUARY 1995

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
HAZARDOUS WASTE					
LAB-01	UN1993	D-001 D-022 F-002 F-003 F-005	LAB SOLVENT WASTE	FLAMMABLE	2
601-CL	UN1193	D-001 F-005	99.7% MEK, 0.1% ETOH, 0.2% H20	FLAMMABLE	24
601-CL-01	UN1993	D-001 D-038	97.1% ETOH, 1.3% PYRIDENE, 1.4% H20, 0.2% TOL	FLAMMABLE	10
601-LB	UN1993	F-003	94.9% MEOH, 2.7% H20, 1.1% ACETONE, 1.4% O.R.	FLAMMABLE	2
601-CL	UN1170	D-001	98.6% ETOH, 1.4% H20	FLAMMABLE	6
601-CL	UN1193	F-005	81.6% MEK, 17.2% O.R., 1.2% H20	FLAMMABLE	2
601-ddC-01	UN1993	D-001	ETOH RESIDUES	FLAMMABLE	12
601-LB-08	UN1993	F-003 D-001	65% ETOH, 5% H20, 23% ACETONE, 11% METHYLAMINE SULFATE	FLAMMABLE	2
601-CPD	UN1993	F-003	ACETONE W PAINT	FLAMMABLE	1
601-LB-07	UN1230	F-003 F-005	35% MEOH, 65% O.R.	FLAMMABLE	2
601-CPD	UN1993	D-001 F-003	ABS PADS, CENTRIFUGE PADS, FILTER CARTRIDGES W ACETONE, MEOH, ETOH, IPA	FLAMMABLE	1
601-CL	UN1170	D-001	99.5% ETOH, 0.5% H20	FLAMMABLE	2
601-ddC	UN1170	D-001 F-005	97.5% ETOH, 0.4% TOL, 2.1% H20	FLAMMABLE	1
601-ddC	UN1993	D-001 F-005	92.7% TOL, 0.7% ETOH, 0.6% H20	FLAMMABLE	10
601-V	UN1294	F-005	99.9% TOL, 0.1% H20	FLAMMABLE	1
HAZARDOUS WASTE FOR RECOVERY					
0	0	0	0	0	0

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: JANUARY 1995

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
NON-HAZARDOUS WASTE					
0	0	0		N/H	0

TOTAL DRUMMED HAZARDOUS WASTE : 78

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 0

TOTAL DRUMMED NON-HAZARDOUS WASTE: 0

Hazardous Waste Storage Facility Check List

Month: JANUARY 1995

706

1. *Leaking drums*	*Yes*	*No X*
2. *Adequate Location*	*Yes X*	*No*
3. *Doorway*	*Clear X*	*Blocked*
4. *Adequate Sealing of Containers*	*Yes X*	*No*
5. *Aisles*	*Clear X*	*Blocked*
6. *Liquid Inside Trench*	*Yes*	*No X*
7. *Entrance Ramp in Good Condition*	*Yes X*	*No*
8. *Exit Route*	*Clear X*	*Blocked*
9. *Warning Signs in Good Condition*	*Yes X*	*No*
10. *Fire Extinguisher*	*In Place X*	*Not In Place*
	Inspected X	*Not Inspected*
11. *Alarm System*	*Clear X*	*Blocked*
12. *Pallets in Good Condition*	*Yes X*	*No*
13. *Communication*	*Available X*	*Not Available*
14. *Concrete Pad in Good Condition*	*Yes X*	*No*
15. *Container I.D.*	*Legible X*	*Not Legible*
	Complete X	*Incomplete*
16. *Incompatible Wastes in Designated Area*	*Yes X*	*No*

17. *Comments* _____

VIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: DECEMBER 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
			HAZARDOUS WASTE		
601-CL	UN1593	F-002	98.5% MECL2, 1.3% O.R., 0.2% H20	POISON	12
601-CL	UN1193	F-005	81.6% MEK, 17.2% O.R., 1.2% H20	FLAMMABLE	3
LAB-01	UN1993	D-001 D-022 F-002 F-003 F-005	LAB SOLVENT WASTE	FLAMMABLE	2
601-LB-08	UN1993	D-001 F-003	ETOH RESIDUES	FLAMMABLE	4
601-LB-10	UN1993	D-001	SOLID FILTER RESIDUES	FLAMMABLE SOLID	2
601-ddC	UN1593	F-002	99.9% MECL2, 0.1% H20	POISON	7
601-ddC	UN1992	D-001 F-002	95.2% ETOH, 1.3% MECL2, 3.5% H20	FLAMMABLE POISON	1
601-CL-04	UN1170	D-001	91.26% ETOH, 8.6% H20, .05% O.R.	FLAMMABLE	5
601-V	UN1294	F-005	42.6% TOL, 57.4% O.R.	FLAMMABLE	1
601-V	UN1993	D-001 F-005	97.0% ETOH, 2.4% MEOH, 0.6% H20	FLAMMABLE	1
601-V	UN1230	F-003	87.7% H20, 12.3% MEOH	FLAMMABLE	1
601-ddC	UN1993	D-001 F-005	92.7% TOL, 6.7% ETOH, 0.6% H20	FLAMMABLE	1
601-ddC	UN1993	D-001 F-005	92.7% TOL, 6.7% ETOH, 0.6% O.R.	FLAMMABLE	1
601-ddC	UN1170	D-001	70.7% ETOH, 29.3% H20	FLAMMABLE	3
601-CL-01	UN1993	D-001 D-038	97.1% ETOH, 0.2% TOL, 1.3% PYRIDIEN, 1.4% H20	FLAMMABLE	18
601-CPD	UN1992	F-002 F-003	8.2% MEOH, 87.1% H20, 4.5% AMMONIA, 0.2% MECL2	FLAMMABLE POISON	2
601-CPD	UN1993	F-002 F-003 F-005	MIXED SOLVENT SLUDGE	POISON	5
501	UN1993	F-003	PAINT, THINNER & KEROSENE	FLAMMABLE	1
601-CL	UN1593	F-002	99.7% MECL2, 0.3% H20	POISON	1

'VIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: DECEMBER 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
601-CL	UN1170	D-001	99.5% ETOH, 0.5% H20	FLAMMABLE	1
HAZARDOUS WASTE FOR RECOVERY					
0	0	0	0	0	0
NON-HAZARDOUS WASTE					
601-V-10	NOS	NOS	70.3% HYFLO SUPERCELL, 27.2% H20, 2.5% O.R.	N/H	1
502	NOS	NOS	ABS PAD W OIL	N/H	2

TOTAL DRUMMED HAZARDOUS WASTE : 72

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 0

TOTAL DRUMMED NON-HAZARDOUS WASTE: 3

INVENTORY OF 706 WAREHOUSE

MONTH: DECEMBER 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-CL-04	2	11-28-94	34 DAYS
601-CL 99.5% ETOH, 0.5% H20	1	11-29-94	33 DAYS
601-CL-01	1	11-30-94	32 DAYS
601-LB-08	1	11-30-94	32 DAYS
601-CL-01	3	12-01-94	30 DAYS
601-CL-01	3	12-02-94	29 DAYS
LAB-01 LAB SOLVENT WASTE	1	12-05-94	27 DAYS
601-ddC 99.9% MECL2, 0.1% H20	2	12-05-94	27 DAYS
601-CL 98.5% MECL2, 0.2% H20, 1.3% O.R.	1	12-05-94	27 DAYS
601-CL-01	7	12-05-94	27 DAYS
501-PAINT, THINNER, KEROSENE	1	12-08-94	23 DAYS
601-CPD MIXED SOLVENT SLUDGE	5	12-09-94	22 DAYS
601-CPD 87.1% H20, 4.5% AMMONIA, 8.2% MEOH, 0.2% MECL2	2	12-12-94	19 DAYS
601-LB-08	2	12-12-94	19 DAYS
601-CL-01	4	12-13-94	18 DAYS
601-LB-10	1	12-16-94	15 DAYS
601-ddC 70.7% ETOH, 29.3% H20	3	12-16-94	15 DAYS
601-ddC 92.7% TOL, 6.7% ETOH, 0.6% H20	2	12-16-94	15 DAYS
601-CL 98.5% MECL2, 0.2% H20, 1.3% O.R.	4	12-16-94	15 DAYS
601-CL-04	3	12-16-94	15 DAYS
601-V 97.0% ETOH, 2.4% MEOH, 0.6% H20	1	12-16-94	15 DAYS
601-V 87.7% H20, 12.3% MEOH	1	12-16-94	15 DAYS
601-V 42.6% TOL, 57.4% O.R.	1	12-16-94	15 DAYS
601-LB-10	1	12-19-94	12 DAYS
601-LB-08	1	12-19-94	12 DAYS
601-ddC 95.2% ETOH, 3.5% H20, 1.3% MECL2	1	12-19-94	12 DAYS
601-ddC 99.9% MECL2, 0.1% H20	4	12-19-94	12 DAYS
LAB-01 LAB SOLVENT WASTE	1	12-20-94	11 DAYS
601-CL 17.2% O.R., 81.6% MEK, 1.2% H20	4	12-22-94	9 DAYS
601-CL 98.5% MECL2, 0.2% H20, 1.3% O.R.	7	12-23-94	8 DAYS

MONTH: DECEMBER 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
LAB-01	1	11-23-94	1MON 6 DAYS
601-CL 77.98% MECL2, 21.29 MEK, 0.75% H20	1	07-11-94	5MONS 20 DAYS
TOTAL HAZARDOUS WASTE	73		

MONTH: DECEMBER 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
-----	0	---	---
TOTAL HAZARDOUS WASTE FOR RECOVERY	0		

MONTH: DECEMBER 1994 NON-HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-V-10	1	12-06-94	26 DAYS
502 PADS W OIL	2	12-12-94	19 DAYS
305 ASBESTOS JOINTS	2	06-14-93	1 YR 5MONS 13 DAYS
TOTAL NON-HAZARDOUS DRUMS	5		

COMPANY: ROLLINS M-94061 12/09/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-LB-07	1	H/W
601-LB-09	2	H/W
601-LB-05	2	H/W
601-CL-05	1	H/W
601-ddC WATER LAYER	4	H/W
601-CPD ABS PADS W SOLVENTS	1	H/W
601-LB 28% ACETIC ACID	1	H/W
502 PAINT, THINNER, KEROSENE	1	H/W
501 ABS PADS W OIL	1	N/H
TOTAL DRUMS	21	

COMPANY: SAFETY KLEEN M-94059 11/29/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-CL-01	12	H/W
601-V 97.0% ETOH, 0.2% MEOH	17	H/W
601-CB 99.8% ETOH	1	H/W
601-ddC 100% TOLUENE	1	H/W
601-ddC 99.3% ETOH	1	H/W
601-CL 77.98% MECL2, MEK	1	H/W
LAB-01 LAB SOLVENT WASTE	1	H/W
TOTAL DRUMS	34	

COMPANY: SAFETY KLEEN M-94060 12/05/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-CL 97.9% MECL2	2	H/W
601-CL 98.5% MECL2	3	H/W
601-CL 99.7% MECL2	1	H/W
501 SPENT OIL	1	N/H
TOTAL DRUMS	7	

COMPANY: ROLLINS M-94061 12/09/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-DL-06	1	H/W
601-V-14	2	H/W
601-LB-10	1	H/W
601-LB-08	3	H/W

Hazardous Waste Storage Facility Check List

Month: DECEMBER 1994

706

1. *Leaking drums*	*Yes*	*No X*
2. *Adequate Location*	*Yes X*	*No*
3. *Doorway*	*Clear X*	*Blocked*
4. *Adequate Sealing of Containers*	*Yes X*	*No*
5. *Aisles*	*Clear X*	*Blocked*
6. *Liquid Inside Trench*	*Yes*	*No X*
7. *Entrance Ramp in Good Condition*	*Yes X*	*No*
8. *Exit Route*	*Clear X*	*Blocked*
9. *Warning Signs in Good Condition*	*Yes X*	*No*
10. *Fire Extinguisher*	*In Place X*	*Not In Place*
	Inspected X	*Not Inspected*
11. *Alarm System*	*Clear X*	*Blocked*
12. *Pallets in Good Condition*	*Yes X*	*No*
13. *Communication*	*Available X*	*Not Available*
14. *Concrete Pad in Good Condition*	*Yes X*	*No*
15. *Container I.D.*	*Legible X*	*Not Legible*
	Complete X	*Incomplete*
16. *Incompatible Wastes in Designated Area*	*Yes X*	*No*

17. *Comments* _____

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: NOVEMBER 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
			HAZARDOUS WASTE		
601-V-15	UN1294	F-005	97.60% TOL, 2.7% O.R.	FLAMMABLE	12
601-ddC	UN1170	D-001	35.8% ETOH, 64.2% H20	FLAMMABLE	1
601-CPD-01	UN1294	F-005	TOLUENE STILL BOTTOM	FLAMMABLE	3
601-CPD	UN1993	F-003 D-001	CENTRIFUGE PADS, FILTERS, ABS PADS W ACETONE, MEOH, ETOH, IPA	FLAMMABLE SOLID	1
601-V	UN1170	D-001	95.9% ETOH, 4.1% H20	FLAMMABLE	25
601-LB-07	UN1230	F-003	35% MEOH, 65% O.R.	FLAMMABLE	1
601-AM	UN1219	D-001	99.8% IPA, 0.2% H20	FLAMMABLE	1
601-LB-09	UN1993	D-001	ACETONE DESTILLATION BOTTOM	FLAMMABLE	2
601-V	UN1993	D-001 F-003 F-005	95.7% TOL, .2% ETOH, .4% MEOH, 3.7% H20	FLAMMABLE	2
601-V-14	UN1170	D-001	ALCOHOL 2B, O.R.	FLAMMABLE	2
601-CL-05	UN1193	D-035 F-005	66.7% SUPERCELL, 28.9% CHARCOAL, 28.9% MEK, 4.4% O.R.	FLAMMABLE SOLID	1
601-DL-16	UN1993	D-001 F-003	92.8% IPA, 7.0% MEOH, 0.2% O.R.	FLAMMABLE	10
601-ddC	UN1993	F-003 F-002	83.1% MEOH, 14.2% MECL2, 2.7% H20	FLAMMABLE POISON	1
201-PH-02	UN1993	D-001 F-002	SOLVENT RESIDUE	FLAMMABLE	1
601-ddC	UN1993	D-001 F-005	89.6% ETOH, 8.4% TOL, 1.9% H20	FLAMMABLE	3
601-CL	UN1170	D-001	98.8% ETOH, 1.2% H20	FLAMMABLE	1
601-ddC	UN1170	D-001	38.9% ETOH, 61.0% H20	FLAMMABLE	2
LAB-01	UN1993	D-001 D-022 F-002 F-003 F-005	LAB SOLVENT WASTE	FLAMMABLE	3
601-LB-08	UN1993	D-001 F-003	65% ETOH, 23% ACETONE, 11% METHYLAMINE SULFATE, 5% H20	FLAMMABLE	3

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: NOVEMBER 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
601-CL	UN1593	F-002	98.5% MECL2, 1.3% O.R., 0.2% H20	POISON	3
601-CL-01	UN1993	D-001 D-038	97.1% ETOH, 1.3% PYRIDINE, 1.4% H20, 0.2% TOL	FLAMMABLE	12
601-ddC	UN1294	F-005	100.0% TOL	FLAMMABLE	1
601-ddC	UN1993	D-001 F-005	99.3% ETOH, 0.6% TOL, 0.1% H20	FLAMMABLE	1
601-LB-05	UN1993	F-003 F-005	35% ACETONE, 17% H20, 6% MEOH, 6% TOL, 36% O.R.	FLAMMABLE	2
601-CL	UN1993	D-001 F-002 F-003	97.9% MECL2, .7% H20, .4% MEOH, 0.3% AMMONIA, .5% ETOH	FLAMMABLE POISON	2
601-V	UN1993	D-001 F-003	97.0% ETOH, .2% MEOH, 2.8% H20	FLAMMABLE	17
601-CB	UN1170	D-001	99.8% ETOH, 0.2% H20	FLAMMABLE	1
501	UN1993	F-003	PAINT, THINNER, KEROSENE	FLAMMABLE	1
601-V	UN1993	F-002 F-005	92.0% TOL, 7.8% MECL2, 0.2% H20	FLAMMABLE POISON	1
601-LB-10	UN1325	D-001	40.4% HYFLO SUPERCELL, 48% CHARCOAL, 2% H20, 4% O.R.	FLAMMABLE SOLID	1
601-ddC	UN3082	D-006 F-002 F-003	WATER LAYER	POISON	4
601-V	UN1170	D-001	99.7% ETOH, 0.3% H20	FLAMMABLE	3
601-LB	UN2790	D-002 F-003 F-005	28.14% ACETIC ACID, .86% H20, 71% O.R.	CORROSIVE	1
601-CB	UN1170	D-001	72.7% H20, 27.2% ETOH	FLAMMABLE	2
HAZARDOUS WASTE FOR RECOVERY					
0	0	0	0	0	0
NON-HAZARDOUS WASTE					
502	NOS	NOS	ABS PADS W OIL	N/H	1
501	NOS	NOS	SPENT OIL	N/H	1

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: NOVEMBER 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY

TOTAL DRUMMED HAZARDOUS WASTE : 127

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 0

TOTAL DRUMMED NON-HAZARDOUS WASTE: 2

Hazardous Waste Storage Facility Check List

Month: NOVEMBER 1994

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1. *Leaking drums*	*Yes X*	*No*
2. *Adequate Location*	*Yes X*	*No*
3. *Doorway*	*Clear X*	*Blocked*
4. *Adequate Sealing of Containers*	*Yes X*	*No*
5. *Aisles*	*Clear X*	*Blocked*
6. *Liquid Inside Trench*	*Yes*	*No X*
7. *Entrance Ramp in Good Condition*	*Yes X*	*No*
8. *Exit Route*	*Clear X*	*Blocked*
9. *Warning Signs in Good Condition*	*Yes X*	*No*
10. *Fire Extinguisher*	*In Place X*	*Not In Place*
	Inspected X	*Not Inspected*
11. *Alarm System*	*Clear X*	*Blocked*
12. *Pallets in Good Condition*	*Yes X*	*No*
13. *Communication*	*Available X*	*Not Available*
14. *Concrete Pad in Good Condition*	*Yes X*	*No*
15. *Container I.D.*	*Legible X*	*Not Legible*
	Complete X	*Incomplete*
16. *Incompatible Wastes in Designated Area*	*Yes X*	*No*

17. *Comments* *El martes, 1 de noviembre de 1994, se encontró un dron con un pequeño escape de cloruro de metileno. Se transfirió el contenido a un envase nuevo. El número de identificación del dron es 7966; y la fecha de acumulación es 10-20-94.*

COMPANY: SAFETY KLEEN M-94055 11/03/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-ddC 99.5% MECL2	10	H/W
502 SPENT OIL	1	N/H
TOTAL DRUMS	11	

COMPANY: ROLLINS M-94056 11/04/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-LB-08 ETOH RESIDUE	4	H/W
601-LB-07 AMINOL RESIDUES	1	H/W
601-CPD PADS W SOLVENTS	3	H/W
601-CPD PADS W TOLUENE	1	H/W
601-CL-05	1	H/W
601-LB 48% O.R., 6.0% ACETONE	1	H/W
601-V-07	5	H/W
601-LB ACETIC ACID 28%, 71.1% O.R.	1	H/W
502 ABS PADS W OIL	4	N/H
TOTAL DRUMS	21	

COMPANY: SAFETY KLEEN M-94057 11/10/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-V 95.7% TOLUENE	2	H/W
601-CPD-01	17	H/W
601-DL-16	10	H/W
201-PH-02	1	H/W
601-V 99.3% TOLUENE	4	H/W
601-ddC 52.62% MEOH	2	H/W
601-CL 98.8% ETOH	3	H/W

COMPANY: SAFETY KLEEN M-94057 11/10/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-ddC 89.6% ETOH	3	H/W
601-AM 99.8% IPA	1	H/W
601-ddC 83.1% MEOH	1	H/W
601-DL 83.6% IPA	2	H/W
LAB-01	1	H/W
601-CL 63.2% MECL2	1	H/W
502 PAINT W GASOLINE	1	H/W
601-CL 98.64% ETOH	2	H/W
TOTAL DRUMS	51	

COMPANY: SAFETY KLEEN M-94058 11/17/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-CB 27.2% ETOH, 72.7% H20	2	H/W
601-V-15	12	H/W
601-ddC 85.8% ETOH, 64.2% H20	3	H/W
601-CPD-01	1	H/W
601-V 95.9% ETOH	25	H/W
LAB-01	2	H/W
601-CL 63.2% MECL2, 36.7% MEK	2	H/W
601-V 92.0% TOLUENE	1	H/W
601-V 99.7% ETOH	3	H/W
TOTAL DRUMS	51	

INVENTORY OF 706 WAREHOUSE

MONTH: NOVEMBER 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-V-14	2	11-03-94	26 DAYS
601-CL-05	1	11-03-94	26 DAYS
601-LB-08	1	11-04-94	25 DAYS
601-LB-09	2	11-04-94	25 DAYS
601-LB-07	1	11-07-94	22 DAYS
601-CPD ABS PADS W SOLVENTS	1	11-09-94	20 DAYS
601-LB-05	1	11-14-94	15 DAYS
601-LB 71% O.R., 0.86% H20, 28% ACETIC ACID	1	11-14-94	15 DAYS
LAB-01	1	11-14-94	15 DAYS
601-ddC WATER LAYER	4	11-15-94	14 DAYS
502-PAINT THINNER AND KEROSENE	1	11-15-94	14 DAYS
601-LB-10	1	11-15-94	14 DAYS
601-CL-01	5	11-17-94	12 DAYS
601-CB 99.8% ETOH, 0.2% H20	1	11-17-94	12 DAYS
601-V 97.0% ETOH, 0.2% MEOH, 2.8% H20	17	11-18-94	11 DAYS
601-CL 97.9% MECL2, 0.5% ETOH, 0.3% AMONIA, 0.4% MEOH	2	11-18-94	11 DAYS
601-CL-01	4	11-18-94	11 DAYS
601-LB-05	1	11-21-94	8 DAYS
601-ddC 99.3% ETOH, 0.6% TOL, 0.1% H20	1	11-21-94	8 DAYS
601-ddC 100% TOL	1	11-21-94	8 DAYS
601-CL-01	3	11-22-94	7 DAYS
601-CL 98.5% MECL2, 0.2% H20, 1.3% O.R.	3	11-22-94	7 DAYS
LAB-01	1	11-23-94	6 DAYS
601-LB-08	2	11-23-94	6 DAYS
601-DL-06	1	08-22-94	3MONS 9 DAYS
601-CL 77.98% MECL2, 21.29 MEK, 0.75% H20	2	07-11-94	4MONS 20 DAYS
TOTAL HAZARDOUS WASTE	61		

MONTH: NOVEMBER 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
----	0	---	---
TOTAL HAZARDOUS WASTE FOR RECOVERY	0		

MONTH: NOVEMBER 1994 NON-HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
501-ABS PADS W OIL	1	11-04-94	25 DAYS
501-SPENT OIL	1	11-18-94	11 DAYS
305 ASBESTOS JOINTS	2	06-14-93	1 YR 4MONS 13 DAYS
TOTAL NON-HAZARDOUS DRUMS	4		

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: OCTOBER 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
			HAZARDOUS WASTE		
601-AM-01	UN1294	F-005	95% TOL, 5% RES	FLAMMABLE	8
601-ddC	UN1190	D-001	99.4% ETOH, 0.6% H20	FLAMMABLE	3
601-V-07	NA-3077	F-001 F-005	35% HYFLO SUPERCELL, 3.0% O.R., 45% AMMONIUM BROMIDE, 14% H20	POISON	5
601-CL	UN1993	F-002 F-003	60.9% H20, 38.6% MEOH, 0.5% MECL2	FLAMMABLE POISON	32
601-CL	UN1170	D-001	98.1% ETOH, 0.6% H20	FLAMMABLE	4
601-CL	UN1170	D-001	98.8% ETOH, 1.1% H20	FLAMMABLE	5
601-CL	UN1170	D-001	50.6% ETOH, 49.3% H20	FLAMMABLE	3
601-CL	UN1170	D-001	98.6% ETOH, 0.7%H20	FLAMMABLE	4
601-CL	UN1170	D-001	99.3% ETOH, 0.6% H20	FLAMMABLE	4
601-CL	UN1170	D-001	99.4% ETOH, 0.5% H20	FLAMMABLE	4
601-CL	UN1193	F-005	98.8% MEK, 0.9% H20	FLAMMABLE	2
601-CL	UN1193	F-005	99.68% MEK, 0.1% H20	FLAMMABLE	1
601-CL	UN1294	F-005	99.8% TOL, 0.2% H20	FLAMMABLE	2
601-V	UN1294	F-005	99.3% TOL, 0.59% H20	FLAMMABLE	19
601-CL	UN1193	F-005	99.6% MEK, 0.2% H20, 0.2% ETOH	FLAMMABLE	9
601-V	UN1170	D-001	99.06% ETOH, 0.8% H20	FLAMMABLE	32
601-DL	UN1219	D-001	83.6% IPA, 6.3% H20	FLAMMABLE	19
601-CL	UN1593	F-002	99.95% MECL2, 0.3% H20	POISON	3
601-CB	UN1170	D-001	99.4% ETOH, 0.6% H20	FLAMMABLE	2
601-LB-07	UN1230	F-003	35% MEOH, 0.6% H20	FLAMMABLE POISON	1
601-CL-05	UN1325	F-005	66.7% SUPERCELL W CHARCOAL, 28.9% MEK, 4.4% O.R.	SOLID FLAMMABLE	1
601-V	UN1993	F-002 F-005	92.0% TOL, 7.8% MECL2, 0.2% H20	POISON FLAMMABLE	3
601-CPD	UN1325	D-001 F-003 F-005	CENTRIFUGE PADS, FILTERS, ABS PADS W ETOH, TOL, MEOH, ACETONE	SOLID FLAMMABLE	3
601-V	UN1593	F-002	99.7% MECL2, 0.2% H20	POISON	18

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: OCTOBER 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
601-LB-08	UN1993	D-001 F-003	65% ETOH, 23% ACETONE, 11% METHYLAMINE SULFATE, 5% H20	FLAMMABLE	4
LAB-01	UN1993	D-001 D-022 F-003 F-005	LAB SOLVENT WASTE	FLAMMABLE	2
601-CPD-03	UN1294	F-005	95% TOL, 5.0% H20	FLAMMABLE	4
601-CPD-01	UN1294	F-005	TOL STILL BOTTOMS	FLAMMABLE	19
502	UN1993	F-003 F-005	PAINT W GAS	FLAMMABLE	1
601-LB	UN1170	D-001	90.0% ETOH, 9.8% H20, 0.2% MEOH	FLAMMABLE	20
601-ddC	UN1593	F-002	99.66% MECL2, 0.34% H20	POISON	9
301	UN1282	F-005	PYRIDENE	FLAMMABLE	1
601-CL-02	UN1993	D-001 F-003 F-005	89.99% MEK, 6.3% IPA, 3.71% MEOH	POISON FLAMMABLE	2
601-CPD	UN1593	F-002	65.2% MECL2, 34.8% H20	POISON FLAMMABLE	1
601-LB	UN2790	D-002	71% O.R., 0.86% H20, 28.14% ACETIC ACID	CORROSIVE	1
601-LB	UN1090	F-003	48.1% O.R., 6.0% ACETONE, 45% HYFLO SUPERCELL	SOLID FLAMMABLE	1
601-CL	UN1170	D-001	98.64% ETOH, 1.36% H20	FLAMMABLE	3
601-ddC	UN1593	F-002	99.5% MECL2, 0.5% H20	POISON	10
601-ddC	UN1993	F-003 F-005	38.62% H20, 52.37% MEOH, 0.1% ETOH, 8.92% TOL	FLAMMABLE	2
601-CPD	UN1325	F-005	ABS PADS W TOL	SOLID FLAMMABLE	1
601-ddC	UN1230	F-003	99.2% MEOH, 0.8% H20	FLAMMABLE	1
601-CL	UN1170	D-001	98.1% ETOH, 1.2% H20	FLAMMABLE	2
601-CL	UN1170	D-001	98.8% ETOH, 1.2% H20	FLAMMABLE	1
HAZARDOUS WASTE FOR RECOVERY					
601-V	UN1170	D-001	ETOH (DIAZEPAM)	FLAMMABLE	2

'IRONMENTAL CONTROL DEPARTMEI
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: OCTOBER 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
NON-HAZARDOUS WASTE					
502	NOS	NOS	SPENT OIL W KEROSENE	N/H	1
701	NOS	NOS	SPENT OIL	N/H	1
502	NOS	NOS	ABS PADS W OIL	N/H	4

TOTAL DRUMMED HAZARDOUS WASTE : 272

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 2

TOTAL DRUMMED NON-HAZARDOUS WASTE: 6

Hazardous Waste Storage Facility Check List

Month: OCTOBER 1994

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1. *Leaking drums	Yes	No X
2. Adequate Location	Yes X	No
3. Doorway	Clear X	Blocked
4. Adequate Sealing of Containers	Yes X	No
5. Aisles	Clear X	Blocked
6. Liquid Inside Trench	Yes	No X
7. Entrance Ramp in Good Condition	Yes X	No
8. Exit Route	Clear X	Blocked
9. Warning Signs in Good Condition	Yes X	No
10. Fire Extinguisher	In Place X	Not In Place
	Inspected X	Not Inspected
11. Alarm System	Clear X	Blocked
12. Pallets in Good Condition	Yes X	No
13. Communication	Available X	Not Available
14. Concrete Pad in Good Condition	Yes X	No
15. Container I.D.	Legible X	Not Legible
	Complete X	Incomplete
16. Incompatible Wastes in Designated Area	Yes X	No

17. Comments _____

VIAJES A SAFETY KLEEN

M-94045 09/26/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-CL MECL2	22	H/W FOR RECOVERY
601-ddC MECL2	10	H/W FOR RECOVERY
601-ddC 99.7% MECL2	11	HAZARDOUS
601-CPD 90% MECL2	1	HAZARDOUS
601-ddC 99.5% MECL2	2	HAZARDOUS
601-CL 97.5% MECL2	1	HAZARDOUS
601-CL 98.5% MECL2	1	HAZARDOUS
601-V 99.7% MECL2	5	HAZARDOUS
601-CL 99.74% MECL2	16	HAZARDOUS
TOTAL DRUMS	69	

M-94046 09/27/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-CL TOL(NITRO BROMO COMP)	9	H/W FOR RECOVERY
601-CL MEOH (CLONAZEPAM)	11	H/W FOR RECOVERY
601-V ETOH (LIBRIUM BASE)	8	H/W FOR RECOVERY
601-V ETOH (DIAZEPAM)	13	H/W FOR RECOVERY
601-ddC ETOH (MOTHER LIQ)	4	H/W FOR RECOVERY
601-LB 85.1% ETOH, 0.9% ACETONE, 14.0% H20	5	HAZARDOUS
LAB-01 LAB SOLVENT WASTE	1	HAZARDOUS
601-ddC-05 100% ETOH	1	HAZARDOUS
601-CB 99.7% ETOH, 0.3% H20	1	HAZARDOUS
601-CL 36.7% MEK, 63.2% MECL2, 0.1% H20	1	HAZARDOUS
TOTAL DRUMS	54	

M-94047 09/27/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-ddC ETOH (MOTHER LIQ)	8	H/W FOR RECOVERY
601-CL 99.8% MEOH, 0.1% H20	5	H/W FOR RECOVERY
601-V ETOH (DIAZEPAM)	1	H/W FOR RECOVERY
601-LB ETOH (LIBRIUM BASE)	1	H/W FOR RECOVERY
601-CL TOL(NITRO BROMO COMP)	4	H/W FOR RECOVERY
601-ddC 10.9% O.R., 94% MEOH, 11.9% N.METHYL PYROLIDENE, 67% ETOH, 0.3% MECL2	8	HAZARDOUS
601-ddC 89.5% ETOH, 10.5% H20	6	HAZARDOUS
601-ddC 99.4% ETOH, 0.6% H20	3	HAZARDOUS
601-AM-01 95% TOL, 5% RES	9	HAZARDOUS
601-LB 99.1% ETOH, 0.5% H20	1	HAZARDOUS
601-CL 98.6% ETOH, 0.7% H20	4	HAZARDOUS
601-CL 98.1% ETOH, 1.2% H20	1	HAZARDOUS
601-CL 98.8% MEK, 0.9% H20	3	HAZARDOUS
601-CL 63.2% MECL2, 36.7% MEK, 0.1% H20	1	HAZARDOUS
LAB-01 LAB SOLVENT WASTE	1	HAZARDOUS
601-CPD-01 TOL STILL BOTTOMS	1	HAZARDOUS
TOTAL DRUMS	57	

REGULATORY AFFAIRS DEPT.
RECEIVED
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FILE ☐ COMMENT ☐
DISCARD ☐

VIAJES A ROLLINS ENVIRONMENTAL

M-94048 09/29/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-LB-05 35% ACETONE, 6% MEOH, 17% H20, 6% TOL, 36% O.R.	1	HAZARDOUS
601-LB-09 54% ACETONE, 11% MEOH, 35% O.R.	1	HAZARDOUS
601-LB ABS PADS W ACETIC ACID & ACETONE	1	HAZARDOUS
601-LB-07 35% MEOH, 65% O.R.	1	HAZARDOUS
502 PAINT, THINNER & KEROSENE	1	HAZARDOUS
601-ddC WATER LAYER W ZINC	15	HAZARDOUS
601-CPD ACTIVE CARBON	8	HAZARDOUS
601-LB ACETIC ACID, ACETONE W CONCRETE	1	HAZARDOUS
501 ABS PADS W OIL	1	N/H
TOTAL DRUMS	30	

VIAJES A SAFETY KLEEN

M-94049 09/30/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-CL 99.4% MECL2, 0.6% H20	1	HAZARDOUS
601-CL 99.6% MECL2, 0.4% H20	2	HAZARDOUS
601-CL 99.5% MECL2, 0.5% H20	2	HAZARDOUS
601-CL 99.8% MECL2, 0.2% H20	1	HAZARDOUS
601-CL 99.7% MECL2, 0.3% H20	1	HAZARDOUS
502 SPENT OIL	2	N/H
502 SPENT OIL W KEROSENE	1	N/H
305 SPENT OIL	1	N/H
701 SPENT OIL	1	N/H
TOTAL DRUMS	12	

M-94050 09/30/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-CL 60.9% H20, 38.6% MEOH, 0.5% MECL2	32	HAZARDOUS
LAB-01 LAB SOLVENT WASTE	1	HAZARDOUS
601-CL 99.8% MECL2, 0.2% H20	1	HAZARDOUS
601-CL 99.4% ETOH, 0.5% H20	4	HAZARDOUS
601-CL 98.1% ETOH, 0.6% H20	4	HAZARDOUS
601-CL 50.6% ETOH, 49.3% H20	3	HAZARDOUS
601-CL 99.3% ETOH, 0.6% H20	4	HAZARDOUS
601-CL 98.1% ETOH, 1.2% H20	1	HAZARDOUS
601-CL 99.7% MECL2, 0.3% H20	1	HAZARDOUS
601-CL 98.8% ETOH, 1.1% H20	4	HAZARDOUS
601-CL 99.6% MECL2, 0.4% H20	2	HAZARDOUS
TOTAL DRUMS	57	

M-94051 10/18/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-V 99.7% MECL2, 0.2% H20	18	HAZARDOUS
601-CL 99.95% MECL2, 0.3% H20	3	HAZARDOUS
601-ddC 99.66% MECL2, 0.34% H20	8	HAZARDOUS
601-CPD 65.2% MECL2, 34.8% H20	1	HAZARDOUS
701 SPENT OIL	1	N/H
TOTAL DRUMS	31	

M-94052 10/18/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-LB 90% ETOH, 0.2% MEOH, 9.8% H20	20	HAZARDOUS
601-CL 99.6% MEK, 0.2% ETOH, 0.2% H20	9	HAZARDOUS
601-CPD-03 95% TOL, 0.5% H20	4	HAZARDOUS
LAB-01 LAB SOLVENT WASTE	1	HAZARDOUS
601-CL-02 89.99% MEK, 6.3% IPA, 3.7% MEOH	2	HAZARDOUS
601-CPD-01 TOL STILL BOTTOMS	4	HAZARDOUS
601-ddC 99.2% MEOH, 0.8% H20	1	HAZARDOUS
301 PYRIDENE 100%	1	HAZARDOUS
601-ddC 99.66% MECL2, 0.34% H20	1	HAZARDOUS
601-CB 99.4% ETOH, 0.6% H20	2	HAZARDOUS
601-V 92.0% TOL, 7.8% MECL2, 0.2% H20	3	HAZARDOUS
601-V 99.06% ETOH, 0.8% H20	6	HAZARDOUS
601-DL 83.6% IPA, 6.3% H20	5	HAZARDOUS
TOTAL DRUMS	59	

M-94053 10/19/94 DESCRIPTION	AMOUNT	HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY
601-V 99.3% TOL, 0.59% H20	15	HAZARDOUS
601-V 99.06% ETOH, 0.8% H20	26	HAZARDOUS
601-CL 98.8% ETOH, 1.1% H20	1	HAZARDOUS
601-DL 83.6% IPA, 6.3% H20 H20	12	HAZARDOUS
601-CL 99.8% TOL, 0.2% H20	2	HAZARDOUS
LAB-01 LAB SOLVENT WASTE	1	HAZARDOUS
601-ddC 67.3% MECL2, 32.0% ETOH	2	HAZARDOUS
TOTAL DRUMS	59	

VIAJES A ROLLINS ENVIRONMENTAL

M-94054 10/21/94 *DESCRIPTION*	*AMOUNT*	*HAZARDOUS NON-HAZARDOUS HW FOR RECOVERY*
701-WWTP WASTE WATER TREATMENT PLAN SLUDGE (CWROC-002)	*19*	*N/H*
TOTAL DRUMS	*19*	

INVENTORY OF 706 WAREHOUSE

MONTH: OCTOBER 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-V-07	3	09-26-94	33 DAYS
601-V 99.35% TOL, 59% H20	4	09-27-94	32 DAYS
601-CL-05	1	09-28-94	31 DAYS
601-DL 83.6% IPA, 6.3% H20	2	09-28-94	31 DAYS
601-LB-07	1	09-28-94	31 DAYS
601-CPD CENTRIFUGE PADS, FILTERS, ABS PADS W ETOH, TOL, MEOH, ACETONE	1	09-29-94	30 DAYS
601-LB-08	2	09-30-94	29 DAYS
LAB-01	1	10-03-94	25 DAYS
601-V-07	2	10-05-94	23 DAYS
502 PAINT W GAS	1	10-06-94	22 DAYS
LAB-01	1	10-17-94	11 DAYS
601-CL 98.64% ETOH, 1.36% H20	3	10-18-94	10 DAYS
601-LB 48% O.R., 6% ACETONE, 45.9% HYFLO SUPERCELL	1	10-18-94	10 DAYS
601-LB 71% O.R., 0.86% H20, 28.14% ACETIC ACID	1	10-18-94	10 DAYS
601-ddC 99.5% MECL2, 0.5% H20	4	10-19-94	9 DAYS
601-CPD-01	4	10-20-94	8 DAYS
601-ddC 38.62% H20, 52.37% MECL2, 0.1% ETOH, 8.92% TOL	2	10-20-94	8 DAYS
601-CL 98.8% ETOH, 1.2% H20	1	10-20-94	8 DAYS
601-ddC 99.5% MECL2, 0.5% H20	6	10-20-94	8 DAYS
601-CPD-01	1	10-20-94	8 DAYS
601-CPD ABS PADS W TOL	1	10-25-94	3 DAYS
601-CPD CENTRIFUGE PADS, FILTERS, ABS PADS W TOL, ETOH, MEOH	2	10-25-94	3 DAYS
601-LB-08	2	10-26-94	2 DAYS
601-CPD-01	10	10-27-94	1 DAY
601-DL-06	1	08-22-94	2MONS 9 DAYS
601-CL 36.7% MEK, 63.2% MECL2, 0.1% H20	3	06-29-94	3MONS 33 DAYS

MONTH: OCTOBER 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-CL 77.98% MECL2, 21.29 MEK, 0.75% H2O	2	07-11-94	3MONS 20 DAYS
TOTAL HAZARDOUS WASTE	63		

MONTH: OCTOBER 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-V ETOH (DIAZEPAM)	2	10-18-94	10 DAYS
TOTAL HAZARDOUS WASTE FOR RECOVERY	2		

INVENTORY OF 706 WAREHOUSE

MONTH: OCTOBER 1994 NON-HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
502 OIL W KEROSENE	1	10-21-94	7 DAYS
502 ABS PADS W OIL	4	10-21-94	7 DAYS
305 ASBESTOS JOINTS	2	06-14-93	1 YR 3MONS 13 DAYS
TOTAL NON-HAZARDOUS DRUMS	7		

'IRONMENTAL CONTROL DEPARTMEI
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: SEPTEMBER 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
			HAZARDOUS WASTE		
601-ddC	UN1170	D-001	89.5% ETOH, 10.5% H20	FLAMMABLE	6
601-ddC	UN1170	D-001	99.4% ETOH, 0.6% H20	FLAMMABLE	38
501	UN1993	F-003	PAINT, THINNER, KERSONE	FLAMMABLE	1
601-CPD	IM1325	F-002 D-001	ACTIVATED CARBON (X-150)	SOLID FLAMMABLE POISON	8
601-CL	UN1993	F-002	2.5% O.R., 97.5% MECL2	POISON	1
601-LB	UN2790	F-003 D-002	ABS PADS W ACETIC ACID AND ACETONE	FLAMMABLE CORROSIVE	1
601-LB	UN2790	D-002	ACETIC ACID RES W CONCRETE	CORROSIVE	1
601-LB-07	UN1230	F-003	35% MEOH, 65% O.R.	FLAMMABLE	1
601-CPD	UN1993	F-002 F-005	90% MECL2, 2% TOLUENE 8% H20	FLAMMABLE POISON	1
601-ddC	UN1993	F-003 F-002 D-001	10.9% O.R., 9.4% MEOH, 67.5% ETOH, 11.9% N.METHYLPYROLIDONE, 0.3% MECL2	FLAMMABLE POISON	8
601-ddC			WATER LAYER W ZINC		15
601-ddC	UN1993	F-002 D-001	0.69% H20, 32.01% ETOH, 67.30% MECL2	FLAMMABLE POISON	2
601-LB-05	UN1993	F-003 F-005	35% ACETONE, 6% MEOH, 17% H20, 6% TOL, 36% O.R.	FLAMMABLE	1
601-ddC-05	UN1170	D-001	100% ETOH	FLAMMABLE	1
601-ddC	UN1593	F-002	99.5% MECL2, 0.45% H20	POISON	2
601-ddC	UN1593	F-002	99.71% MECL2, 0.29% H20	POISON	6
601-ddC	UN1593	F-002	99.7% MECL2, 0.3% H20	POISON	1
LAB-01	UN1993	D-001 D-022 F-002 F-003 F-005	LAB SOLVENT WASTE	FLAMMABLE	3
601-CL	UN1593	F-002	99.4% MECL2, 0.6% H20	POISON	1
601-CL	UN1593	F-002	99.8% MECL2, 0.2% H20	POISON	2
601-CL	UN1593	F-002	99.7% MECL2, 0.3% H20	POISON	2

'IRONMENTAL CONTROL DEPARTMEN'
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: SEPTEMBER 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
HAZARDOUS WASTE					
601-CL	UN1593	F-002	99.6% MECL2, 0.4% H20	POISON	4
601-CL	UN1593	F-002	99.5% MECL2, 0.5% H20	POISON	2
601-CL	UN1593	F-002	99.74% MECL2, 0.18% H20	POISON	2
601-CL	UN1593	F-002	99.79% MECL2, 0.17% H20	POISON	2
601-CL	UN1593	F-002	99.83% MECL2, 0.15% H20	POISON	2
601-CL	UN1593	F-002	99.43% MECL2, 0.23% H20	POISON	2
601-CL	UN1593	F-002	92.94% MECL2, 0.68% H20	POISON	2
601-CL	UN1593	F-002	99.82% MECL2, 0.09% H20	POISON	1
601-CL	UN1593	F-002	99.9% MECL2, 0.07% H20	POISON	2
601-CL	UN1593	F-002	99.85% MECL2, 0.13% H20	POISON	1
601-CL	UN1593	F-002	99.74% MECL2, 0.19% H20	POISON	2
601-LB-09	UN1993	D-001 F-003	54% ACETONE, 11% MEOH, 35% RES	FLAMMABLE POISON	2
601-V	UN1593	F-002	99.7% MECL2, 0.3% H20	POISON	5
601-CB	UN1170	D-001	99.1% ETOH, 0.5% H20	FLAMMABLE	1
601-CB	UN1170	D-001	99.7% ETOH, 0.3% H20	FLAMMABLE	1
HAZARDOUS WASTE FOR RECOVERY					
601-ddC	UN1593	F-002	MECL2 (ddC)	POISON	8
NON-HAZARDOUS WASTE					
501	NOS	NOS	ABS PADS W OIL	N/H	1
701	NOS	NOS	SPENT OIL	N/H	1

TOTAL DRUMMED HAZARDOUS WASTE : 133

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 8

TOTAL DRUMMED NON-HAZARDOUS WASTE: 2

Hazardous Waste Storage Facility Check List

Month: SEPTEMBER 1994

706

*1. *Leaking drums*	*Yes*	*No X*
2. Adequate Location	*Yes X*	*No*
3. Doorway	*Clear X*	*Blocked*
4. Adequate Sealing of Containers	*Yes X*	*No*
5. Aisles	*Clear X*	*Blocked*
6. Liquid Inside Trench	*Yes*	*No X*
7. Entrance Ramp in Good Condition	*Yes X*	*No*
8. Exit Route	*Clear X*	*Blocked*
9. Warning Signs in Good Condition	*Yes X*	*No*
10. Fire Extinguisher	*In Place X*	*Not In Place*
	Inspected X	*Not Inspected*
11. Alarm System	*Clear X*	*Blocked*
12. Pallets in Good Condition	*Yes X*	*No*
13. Communication	*Available X*	*Not Available*
14. Concrete Pad in Good Condition	*Yes X*	*No*
15. Container I.D.	*Legible X*	*Not Legible*
	Complete X	*Incomplete*
16. Incompatible Wastes in Designated Area	*Yes X*	*No*

17. Comments _____

INVENTORY OF 706 WAREHOUSE

MONTH: SEPTEMBER 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-ddC 99.71% MECL2, 0.29% H20	7	08-29-94	29 DAYS
601-ddC 99.5% MECL2, .45% H20	2	08-29-94	29 DAYS
601-CB 99.1% ETOH, 0.5% H20	1	08-29-94	29 DAYS
601-CB 99.7% ETOH, 0.3% H20	1	08-29-94	29 DAYS
601-ddC-05	1	08-29-94	29 DAYS
LAB-01	1	08-31-94	28 DAYS
601-LB-05	1	08-31-94	28 DAYS
601-ddC 0.69% H20 32.01% ETOH, 67.30% MECL2	2	09-01-94	26 DAYS
601-ddC WATER LAYER W ZINC	15	09-01-94	26 DAYS
601-ddC 10.9% O.R., 9.4% MEOH, 11.9% N/M, 0.3% MECL2, 67.5% ETOH	8	09-02-94	25 DAYS
601-LB-07	1	09-06-94	21 DAYS
601-CPD 2% TOL, 90% MECL2, 8% H20	1	09-06-94	21 DAYS
601-LB ABS PADS W ACETIC ACID & ACETONE	1	09-08-94	19 DAYS
601-LB ACETIC ACID RES W	1	09-08-94	19 DAYS
601-CL 2.5% O.R., 97.5% MECL2	1	09-09-94	18 DAYS
601-CPD ACTIVATED CARBON	8	09-13-94	14 DAYS
501 PAINT, THINNER, KEROSENE	1	09-14-94	13 DAYS
LAB-01	1	09-14-94	13 DAYS
601-ddC 89.5% ETOH, 10.5% H20	6	09-21-94	6 DAYS
601-V 99.7% MECL2, 0.3% H20	5	09-22-94	5 DAYS
601-LB-09	1	09-22-94	5 DAYS
601-CL 99.43% MECL2, 0.23% H20	2	09-23-94	4 DAYS
601-CL 92.94% MECL2, 0.68% H20	2	09-23-94	4 DAYS
601-CL 99.82% MECL2, .09% H20	1	09-23-94	4 DAYS
601-CL 99.9% MECL2, 0.07% H20	2	09-23-94	4 DAYS
601-CL 99.85% MECL2, 0.13% H20	1	09-23-94	4 DAYS
601-CL 99.74% MECL2, 0.19% H20	2	09-23-94	4 DAYS
601-CL 99.74% MECL2, 0.18% H20	2	09-23-94	4 DAYS
601-CL 99.79% MECL2, 0.17% H20	2	09-23-94	4 DAYS

MONTH: SEPTEMBER 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-CL 99.83% MECL2, 0.15% H20	2	09-23-94	4 DAYS
601-CL 99.8% MECL2, 0.2% H20	2	09-23-94	4 DAYS
601-CL 99.7% MECL2, 0.3% H20	2	09-23-94	4 DAYS
601-CL 99.6% MECL2, 0.4% H20	5	09-23-94	4 DAYS
601-CL 99.5% MECL2, 0.4% H20	2	09-23-94	4 DAYS
LAB-01	1	09-23-94	4 DAYS
LAB-01	1	08-01-94	1MON 30 DAYS
601-CPD-01	1	08-11-94	1MON 20 DAYS
601-LB 85.1% ETOH, 14.0% H20, 0.9% ACETONE	5	08-12-94	1MON 19 DAYS
601-ddC 99.7% MECL2, 0.3% H20	4	08-18-94	1MON 13 DAYS
LAB-01	1	08-19-94	1MON 12 DAYS
601-AM-01	1	08-22-94	1MON 9 DAYS
601-DL-06	1	08-22-94	1MON 9 DAYS
601-CL 36.7% MEK, 63.2% MECL2, 0.1% H20	5	06-29-94	2MONS 33 DAYS
601-CL 77.98% MECL2, 21.29 MEK, 0.75% H20	2	07-11-94	2MONS 20 DAYS
601-CL 84.25% MECL2, 9.32% ETOH, 0.89% H20	1	06-17-94	3MONS 10 DAYS
TOTAL HAZARDOUS WASTE	116		

MONTH: SEPTEMBER 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-ddC MECL2 (ddC)	7	09-01-94	26 DAYS
601-ddC MECL2 (ddC)	1	09-06-94	21 DAYS
601-CL TOL (NITRO BROMO COMPOUND)	13	08-15-94	1MON 16 DAYS
601-CL MEOH (CLONAZEPAM)	4	08-17-94	1MON 14 DAYS
601-ddC MECL2 (ddC)	2	08-26-94	1MON 5 DAYS
601-CL MECL2 (CLONAZEPAM)	1	06-27-94	2MONS 35 DAYS
601-CL MECL2 (CLONAZEPAM)	1	06-28-94	2MONS 34 DAYS
601-CL MEOH (CLONAZEPAM)	6	07-18-94	2MONS 13 DAYS
601-CL MEOH (CLONAZEPAM CLEANING)	6	07-22-94	2MONS 9 DAYS
601-ddC ETOH, (MOTHER LIQUOR)	12	07-26-94	2MONS 5 DAYS
601-V ETOH (DIAZEPAM)	14	06-07-94	3MONS 20 DAYS
601-LB ETOH (LIBRIUM BASE)	9	06-15-94	3MONS 12 DAYS
601-CL MECL2 (NITRO AMINO HCL)	3	06-15-94	3MONS 12 DAYS
601-CL MECL2 (NITRO AMINO HCL)	6	05-12-94	4MONS 18 DAYS
601-CL MECL2 (NITRO AMINO HCL)	11	05-23-94	4MONS 7 DAYS
TOTAL HAZARDOUS WASTE FOR RECOVERY	96		

VIAJES A ROLLINS

M-94043 09/15/94 *DESCRIPTION*	*AMOUNT*	*HAZARDOUS OR NON-HAZARDOUS*
601-LB-08 65% ETOH, 23% ACETONE, 11% METHYLAMINE SULFATE, 5% H20	*5*	*HAZARDOUS*
601-LB-05 35% ACETONE, 17% H20, 6% MEOH, 6% TOL, 36% O.R.	*3*	*HAZARDOUS*
601-LB-07 35% MEOH, 65% O.R.	*5*	*HAZARDOUS*
601-ddC-03 25.3% MECL2, 49.4% ZINC DUST, 25.3% HYFLO SUPERCELL	*1*	*HAZARDOUS*
601-ddC-04 50% MECL2, 50% SOLKA FLOC	*1*	*HAZARDOUS*
601-LB-09 54% HYFLO, 48% CHARCOAL, 2% H20, 4% RESIDUES, 5.6% ETOH	*1*	*HAZARDOUS*
601-LB 71% O.R., 28.14 ACETIC ACID, 0.86% H20	*2*	*HAZARDOUS*
TOTAL DRUMS	*18*	

VIAJES A ROLLINS ENVIRONMENTAL

M-94044 09/22/94 *DESCRIPTION*	*AMOUNT*	*HAZARDOUS OR NON-HAZARDOUS*
601-ddC 99.4% ETOH, 0.6% H2O	*38*	*HAZARDOUS*
601-LB 85.1% ETOH, 14.0% H2O, 0.9% ACETONE	*3*	*HAZARDOUS*
601-CPD-01 TOLUENE STILL BOTTOMS	*1*	*HAZARDOUS*
LAB-01 LABS SOLVENT WASTE	*1*	*HAZARDOUS*
601-CL 77.98% MECL2, 21.29% MEK, 0.73% H2O	*1*	*HAZARDOUS*
TOTAL DRUMS	*44*	

E' 'IRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: AUGUST 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
HAZARDOUS WASTE					
VLAB-01	UN1993	D-001 D-002 F-002 F-003 F-005	LAB SOLVENT WASTE	FLAMMABLE	3
601-ddC-02	UN1593	F-002	99.7% MECL2, 0.3% H20	POISON	4
601-LB-05	UN1993	F-003 F-005	35.0% ACETONE, 17.0% H20, 6.0% MEOH, 6.0% TOL, 36.0% O.R.	FLAMMABLE	4
601-LB-07	UN1230	F-003	35.0% MEOH, 65.0% O.R.	FLAMMABLE	11
601-LB	UN2790	D-002	28.14% ACETIC ACID, 71.0% O.R., 0.86% H20	CORROSIVE	6
601-LB	UN2790	D-002	ABS PADS W ACETIC ACID	CORROSIVE	2
601-ddC	UN1593	F-002	99.7% MECL2, 0.29% H20	POISON	10
601-CPD	UN1294	F-005	ABS PADS W TOLUENE	SOLID FLAMMABLE	1
601-LB	UN1170	D-001 F-003	85.1% ETOH, 0.9% ACETONE, 14.0% H20	FLAMMABLE	8
601-CPD-01	UN1294	F-005	TOLUENE STILL BOTTOMS	FLAMMABLE	2
601-CPD	UN1993	F-003 D-001	CENTRIFUGE PADS, CARTRIDGE FILTERS, ABS PADS W MEOH, ETOH, ACETONE	SOLID FLAMMABLE	1
601-AM-01	UN1294	F-005	95.0% TOLUENE, 5.0% O.R.	FLAMMABLE	1
601-DL-06	UN1294	F-005	65.0% TOLUENE, 35.0% O.R.	FLAMMABLE	1
601-LB-08	UN1993	D-001 F-003	65.0% ETOH, 23.0% ACETONE, 11.0% METHYL AMINE SULFATE, 5.0% H20	FLAMMABLE	4
601-ddC-04	UN1993	F-002	50.0% MECL2, 50.0% SOLKA FLOC	SOLID POISON	1
601-ddC-03	UN1993	F-002	25.3% MECL2, 49.4% ZINC DUST, 25.3% HYFLO SUPERCELL	SOLID POISON	1
HAZARDOUS WASTE FOR RECOVERY					
601-CL	UN1294	F-005	TOL (NITRO BROMO COMPOUND)	FLAMMABLE	13
601-CL	UN1230	F-003	MEOH (CLONAZEPAM)	FLAMMABLE	4
601-ddC	UN1593	F-002	MECL2 (ddC)	POISON	2

'IRONMENTAL CONTROL DEPARTMEN'
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: AUGUST 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
NON-HAZARDOUS WASTE					
502	NOS	NOS	KEROSENE AND SPENT OIL	N/H	1
502	NOS	NOS	ABS PADS W OIL	N/H	3

TOTAL DRUMMED HAZARDOUS WASTE : 60

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 19

TOTAL DRUMMED NON-HAZARDOUS WASTE: 4

Hazardous Waste Storage Facility Check List

Month: AUGUST 1994

706

1. *Leaking drums	Yes	No X
2. Adequate Location	Yes X	No
3. Doorway	Clear X	Blocked
4. Adequate Sealing of Containers	Yes X	No
5. Aisles	Clear X	Blocked
6. Liquid Inside Trench	Yes	No X
7. Entrance Ramp in Good Condition	Yes X	No
8. Exit Route	Clear X	Blocked
9. Warning Signs in Good Condition	Yes X	No
10. Fire Extinguisher	In Place X	Not In Place
	Inspected X	Not Inspected
11. Alarm System	Clear X	Blocked
12. Pallets in Good Condition	Yes X	No
13. Communication	Available X	Not Available
14. Concrete Pad in Good Condition	Yes X	No
15. Container I.D.	Legible X	Not Legible
	Complete X	Incomplete
16. Incompatible Wastes in Designated Area	Yes X	No

17. Comments _____

VIAJES A S/K

M-94040 08/09/94 *DESCRIPTION*	*AMOUNT*	*HAZARDOUS OR NON-HAZARDOUS*
601-CL 94.8% ETOH, 0.3% MEOH, 4.8% H20	*2*	*HAZARDOUS*
601-ddC 99.7% ETOH, 0.3% H20	*5*	*HAZARDOUS*
601-CL 87.82% MEOH, 12.18% H20	*5*	*HAZARDOUS*
LAB-01 LAB SOLVENT WASTE	*3*	*HAZARDOUS*
601-CL 25.5% H20, 74.1% ETOH, 0.4% MEOH	*2*	*HAZARDOUS*
601-CL 99.8% ETOH, 0.2% H20	*8*	*HAZARDOUS*
601-CL 95.5% MOEH, 4.5% H20	*3*	*HAZARDOUS*
601-CL 84.84% MEOH, 15.16% H20	*3*	*HAZARDOUS*
601-CL 99.9% ETOH, 0.1% H20	*1*	*HAZARDOUS*
601-CL-01	*2*	*HAZARDOUS*
601-CL 99.9% TOL, 0.1% H20	*2*	*HAZARDOUS*
601-CL-03	*1*	*HAZARDOUS*
601-CL 98.2% ETOH, 1.8% H20	*1*	*HAZARDOUS*
601-CL 96.9% MECL2, 0.6% MEOH, 2.5% H20	*1*	*HAZARDOUS*
601-CL 93.13% MECL2, 0.25% H20	*1*	*HAZARDOUS*
601-LB-05	*1*	*HAZARDOUS*
601-ddC-02	*1*	*HAZARDOUS*
601-V 92.3% ETOH, 1.7% ACETONE, 5.4% H20	*2*	*HAZARDOUS*
TOTAL DRUMS	*44*	

M-94041 08/11/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-ddC 99.7% MECL2, 0.3% H20	8	HAZARDOUS
601-CL 93.13% MECL2, 0.5% H20	3	HAZARDOUS
601-ddC 99.5% MECL2, 0.45% H20	6	HAZARDOUS
601-CL 98.4% MECL2, 0.03% ETOH, 0.05% MEOH	2	HAZARDOUS
601-CL 98.5% MECL2, 1.3% O.R., 0.2% H20	4	HAZARDOUS
601-CL 98.0% MECL2, 1.3% MEOH, 0.5% H20	2	HAZARDOUS
601-CL 96.9% MECL2, 0.6% MEOH, 2.5% H20	1	HAZARDOUS
601-ddC-02	3	HAZARDOUS
601-ddC 99.71% MECL2, 0.29% H20	4	HAZARDOUS
TOTAL DRUMS	33	

VIAJES A ROLLINS

M-94042 08/24/94 *DESCRIPTION*	*AMOUNT*	*HAZARDOUS OR NON-HAZARDOUS*
601-LB-07	*6*	*HAZARDOUS*
601-LB-08	*9*	*HAZARDOUS*
601-LB-10	*2*	*HAZARDOUS*
601-CPD ABS PADS W SOLVENTS	*2*	*HAZARDOUS*
601-LB 71.0% O.R., 28.14% ACETIC ACID, 0.86% H20	*4*	*HAZARDOUS*
601-LB ABS PADS W ACETIC ACID	*2*	*HAZARDOUS*
501 PAINT, THINNER, KEROSENE	*1*	*HAZARDOUS*
601-LB 48% O.R., 45.0% HYFLO SUPERCELL, 6.0% ACETONE	*3*	*HAZARDOUS*
601-CPD ABS PADS W TOLUENE	*1*	*HAZARDOUS*
601-V-10 HYFLO SUPERCELL W ORG. IMPURITIES*	*1*	*HAZARDOUS*
502 ABS PADS W OIL	*3*	*N/H*
TOTAL DRUMS	*34*	

**This drum was received as a non-hazardous waste but was disposed as a hazardous waste.*

INVENTORY OF 706 WAREHOUSE

MONTH: AUGUST 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
LAB-01	1	08-01-94	30 DAYS
LAB-01	1	08-10-94	21 DAYS
601-CPD-01	1	08-11-94	20 DAYS
601-LB-07	1	08-11-94	20 DAYS
601-LB 85.1% ETOH, 14.0% H20, 0.9% ACETONE	8	08-12-94	19 DAYS
601-LB-05	1	08-15-94	16 DAYS
601-CPD-01	1	08-16-94	15 DAYS
601-ddC 99.7% MECL2, 0.3% H20	4	08-18-94	13 DAYS
LAB-01	1	08-19-94	12 DAYS
601-LB-05	1	08-22-94	9 DAYS
601-LB-07	2	08-22-94	9 DAYS
601-AM-01	1	08-22-94	9 DAYS
601-DL-06	1	08-22-94	9 DAYS
601-LB 71.0% O.R., 0.86% H20, 28.14% ACETIC ACID	1	08-22-94	9 DAYS
601-LB-08	4	08-24-94	7 DAYS
601-LB-07	1	08-24-94	7 DAYS
601-LB-07	1	08-25-94	6 DAYS
601-LB-05	1	08-26-94	5 DAYS
601-ddC-04	1	08-26-94	5 DAYS
601-ddC-03	1	08-26-94	5 DAYS
601-LB 71.0% O.R., 86% H20, 28.14% ACETIC ACID	1	08-26-94	5 DAYS
601-CL 36.7% MEK, 63.2% MECL2, 0.1% H20	5	06-29-94	1MON 33 DAYS
601-CL 77.98% MECL2, 21.29 MEK, 0.75% H20	3	07-11-94	1MON 20 DAYS
601-CL 84.25% MECL2, 9.32% ETOH, 0.89% H20	1	06-17-94	2MONS 10 DAYS
601-LB-08	1	06-21-94	2MONS 6 DAYS
TOTAL HAZARDOUS WASTE	45		

MONTH: AUGUST 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-CL TOL (NITRO BROMO COMPOUND)	13	08-15-94	16 DAYS
601-CL MEOH (CLONAZEPAM)	4	08-17-94	14 DAYS
601-ddC MECL2 (ddC)	2	08-26-94	5 DAYS
601-AM TOL (AMITRIPTYLENE)	4	06-27-94	1MON 35 DAYS
601-CL MECL2 (CLONAZEPAM)	1	06-27-94	1MON 35 DAYS
601-LB MEOH (LIBRIUM HCL)	3	06-27-94	1MON 35 DAYS
601-CL MECL2 (CLONAZEPAM)	1	06-28-94	1MON 34 DAYS
601-CL MEOH, MECL2 (CLONAZEPAM)	13	07-18-94	1MON 13 DAYS
601-CL MEOH (CLONAZEPAM)	6	07-18-94	1MON 13 DAYS
601-CL MEOH (CLONAZEPAM CLEANING)	6	07-22-94	1MON 9 DAYS
601-ddC ETOH, (MOTHER LIQUOR)	12	07-26-94	1MON 5 DAYS
601-LB ETOH (LIBRIUM BASE)	3	05-05-94	3MONS 27 DAYS
601-CL MECL2 (NITRO AMINO HCL)	6	05-12-94	3MONS 18 DAYS
601-CL MECL2 (NITRO AMINO HCL)	11	05-23-94	3MONS 7 DAYS
601-V ETOH (DIAZEPAM)	14	06-07-94	2MONS 20 DAYS
601-LB ETOH (LIBRIUM BASE)	9	06-15-94	2MONS 12 DAYS
601-CL MECL2 (NITRO AMINO HCL)	3	06-15-94	2MONS 12 DAYS
601-AM TOL (AMITRYPTILINE)	4	06-15-94	2MONS 12 DAYS
TOTAL HAZARDOUS WASTE FOR RECOVERY	115		

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: JULY 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
HAZARDOUS WASTE					
VALIDACION 601-ddC	UN1170	D-001	99.7% ETOH, 0.3% H20	FLAMMABLE	5
601-CL	UN1170	D-001	99.8% ETOH, 0.2% H20	FLAMMABLE	7
601-CL	UN1993	F-005 F-002	77.98% MECL2, 21.29% MEK, 0.73% H20	FLAMMABLE POISON	3
601-ddC	UN1325	D-001	33.6% ETOH, 10.2% CARBON, 55.1% SOLKA FLOC, 1.1% ALUMINA	FLAMMABLE SOLID	2
601-CL	UN1230	F-003	95.5% MEOH, 4.5% H20	FLAMMABLE	3
601-CL	UN1230	F-003	87.82% MEOH, 12.18% H20	FLAMMABLE POISON	5
601-CL	UN1282	F-005	ABS PADS W PYRIDINE	FLAMMABLE SOLID	1
601-CL	UN1230	F-003	99.8% MEOH, 0.2% H20	FLAMMABLE POISON	1
601-CL-01	UN1170	D-001 D-038	97.1% EOH, 1.3% PYRIDIEN, 1.4% H20, 0.2% TOLUENE	FLAMMABLE	10
601-CL	UN1230	F-003	84.84% MEOH, 15.16% H20	FLAMMABLE POISON	3
601-CL-02	UN1993	F-003 D-001 F-005	89.99% MEK, 6.3% IPA, 3.7% MEOH	FLAMMABLE POISON	4
601-CL	UN1230	F-003	96.84% MEOH, 3.16% H20	FLAMMABLE POISON	4
601-LB	UN2790	D-002	71.0% O.R., 0.86% H20, 28.14% ACETIC ACID	CORROSIVE	3
VALIDATION 601-ddC	UN1170	D-001	98.4% ETOH, 1.6% H20	FLAMMABLE	30
601-CL	UN1993	F-005 F-002	63.2% MECL2, 36.7% MEK, 0.1% H20	FLAMMABLE POISON	5

VIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: JULY 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
601-CL	UN1993	F-003 F-002	76.7% MEOH, 3.1% MECL2, 20.1% H20	FLAMMABLE POISON	2
601-CL	UN1230	F-003 F-003	98.0% MEOH, 2.0% H20	FLAMMABLE	1
601-LB-08	UN1993	D-001	65% ETOH, 23% ACETONE, 11% METHYLAMINE SULFATE, 5% H20	FLAMMABLE	7
601-LB	UN1090	F-003	6.6% ACETONE, 48.1% O.R., 45.9% HYFLO SUPERCELL	FLAMMABLE SOLID	1
601-CL	UN1170	D-001	98.2% ETOH, 1.8% H20	FLAMMABLE	1
601-CL	UN1294	F-005	99.9% TOL, 0.1% H20	FLAMMABLE	2
601-CL	UN1993	D-001 F-002	96.9% MECL2, 0.6% MEOH, 2.5% H20	POISON	2
601-ddC	UN1593	F-002	99.5% MECL2, 0.45% H20	POISON	6
601-CL	UN1170	D-001	94.8% ETOH, 0.3% MEOH, 4.8% H20	FLAMMABLE	2
MOTOR POOL 501	UN1993	F-003	PAINT, THINNER, KEROSENE	FLAMMABLE	2
LAB-01	UN1993	F-002 F-003 F-005 D-001 D-022	LAB SOLVENT WASTE	FLAMMABLE POISON	3
601-LB-10	UN1325	D-001	40.4% HYFLO SUPERCELL, 48% CHARCOAL, 2% H20, 4% RES., 5.6% ETOH	FLAMMABLE SOLID	2
601-CPD	UN1993	D-001 F-003	CENTRIFUGE PADS, FILTERS, ABS PADS W SOLVENTS	FLAMMABLE SOLID	2
601-CL	UN1593	F-002	93.13% MECL2, 0.25% H20	POISON	4
601-CL-03	UN1294	F-005	92.3% TOL, 7.7% O.R.	FLAMMABLE	1
601-CL	UN1170	D-001	99.9% ETOH, 0.8% H20	FLAMMABLE	1
601-ddC	UN1593	F-002	99.7% MECL2, 0.3% H20	POISON	6
601-CL	UN1170	D-001 F-003	74.1% ETOH, 0.4% MEOH, 25.5% H20	FLAMMABLE	2
601-V	UN1993	D-001 F-003	92.3% ETOH, 1.7% ACETONE, 5.4% H20	FLAMMABLE	2

VIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manati, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: JULY 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
601-LB-05	UN1993	F-003 F-005	35% ACETONE, 6% MEOH, 6% TOL, 36% O.R., 17% H20	FLAMMABLE POISON	1
601-CL	UN1993	F-005 F-002	96.9% MECL2, 2.8% MEK, 0.3% H20	FLAMMABLE	1
601-CL	UN1593	D-001 F-002 F-003	98.4% MECL2, 0.03% ETOH, 0.05% MEOH	FLAMMABLE POISON	2
601-LB-07	UN1230	F-003	35% MEOH, 65% O.R.	FLAMMABLE	1
601-CPD-01	UN1294	F-005	TOLUENE STILL BOTTOMS	FLAMMABLE	1
HAZARDOUS WASTE FOR RECOVERY					
601-AM	UN1294	F-005	TOL (AMITRIPTYLENE)	FLAMMABLE	4
601-CL	UN1593	F-002	MECL2 (CLONAZEPAM)	POISON	2
601-LB	UN1230	F-003	MEOH (LIBRIUM HCL)	FLAMMABLE POISON	3
601-CL	UN1993	F-003 F-002	MECL2, MEOH (CLONAZEPAM)	FLAMMABLE POISON	13
601-CL	UN1230	F-003	MEOH (CLONAZEPAM)	FLAMMABLE POISON	12
601-ddC	UN1170	D-001	ETOH (MOTHER LIQUOR)	FLAMMABLE	12
NON-HAZARDOUS WASTE					
			NONE		

TOTAL DRUMMED HAZARDOUS WASTE : 141

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 46

TOTAL DRUMMED NON-HAZARDOUS WASTE: 0

INVENTORY OF 706 WAREHOUSE

MONTH: JULY 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-CL 98.4% MECL2, 0.05% MEOH, 0.03% ETOH	2	06-27-94	35 DAYS
601-LB-08	1	06-28-94	34 DAYS
601-LB-08	2	06-29-94	33 DAYS
601-CL 36.7% MEK, 63.2% MECL2, 0.1% H20	5	06-29-94	33 DAYS
LAB-01 LAB SOLVENT WASTE	1	07-01-94	31 DAYS
601-CL 84.84% MEOH, 15.16% H20	3	07-06-94	25 DAYS
601-CL 99.8% MEOH, 0.2% H20	1	07-08-94	23 DAYS
601-CL-01	2	07-08-94	23 DAYS
601-CL 87.82% MEOH, 12.18% H20	5	07-11-94	20 DAYS
601-CL 95.5% MEOH, 4.5% H20	3	07-11-94	20 DAYS
601-CL 77.98% MECL2, 21.29 MEK, 0.75% H20	3	07-11-94	20 DAYS
601-ddC 99.7% MECL2, 0.3% H20	2	07-11-94	20 DAYS
601-CL 99.8% ETOH, 0.2% H20	7	07-12-94	19 DAYS
VALIDATION 601-ddC 99.7% ETOH, 0.3% H20	5	07-13-94	18 DAYS
LAB-01 LAB SOLVENT WASTE	1	07-13-94	18 DAYS
601-V 5.4% H20, 92.3% ETOH, 1.7% ACETONE	2	07-14-94	17 DAYS
601-ddC 99.7% MECL2, 0.3% H20	4	07-15-94	16 DAYS
601-CL 74.1% ETOH, 0.4% MEOH, 25.5% H20	2	07-15-94	16 DAYS
601-CL 93.13% MECL2, 0.25% H20	4	07-18-94	13 DAYS
601-CL 99.72% ETOH, 0.8% H20	1	07-18-94	13 DAYS
601-CPD CENTRIFUGE PADS, FILTERS, ABS PADS W SOLVENTS	1	07-19-94	12 DAYS
601-LB-08	2	07-19-94	12 DAYS
601-CL-03	1	07-19-94	12 DAYS
601-LB-10	2	07-20-94	11 DAYS
LAB-01 LAB SOLVENT WASTE	1	07-20-94	11 DAYS
601-CL 94.8% ETOH, 4.8% H20, 0.3% MEOH	2	07-21-94	10 DAYS
501 MOTOR POOL	1	07-21-94	10 DAYS
601-ddC 99.5% MECL2, 0.45% H20	6	07-29-94	2 DAYS
601-CL 96.9% MECL2, 0.6% MEOH, 2.5% H20	2	07-29-94	2 DAYS

MONTH: JULY 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-CL 99.9% TOL, 0.1% H20	2	07-29-94	2 DAYS
601-CL 98.2% ETOH, 1.8% H20	1	07-29-94	2 DAYS
601-LB 6.6% ACETONE, 45.9% HYFLO SUPERCELL, 48% O.R.	1	07-29-94	2 DAYS
601-LB-08	2	07-29-94	2 DAYS
601-CL 98.5% MECL2, 1.3% O.R., 0.2% H20	1	05-23-94	2MONS 7 DAYS
601-LB 45.9% HYFLO SUPERCELL, 48.1% O.R., 6.0% SOLVENT	2	06-09-94	1MON 18 DAYS
601-CL 1.3% O.R., 98.5% MECL2, 0.2% H20	2	06-13-94	1MON 14 DAYS
601-LB-08	2	06-14-94	1MON 13 DAYS
601-CL 98.0% MECL2, 0.5% H20, 1.3% MEOH	1	06-14-94	1MON 13 DAYS
601-CL 84.25% MECL2, 9.32% ETOH, 0.89% H20	1	06-17-94	1MON 10 DAYS
601-CL 98.0% MECL2, 0.5% H20, 1.3% MEOH	2	06-17-94	1MON 10 DAYS
601-LB-08	1	06-21-94	1MON 6 DAYS
TOTAL HAZARDOUS WASTE	92		

MONTH: JULY 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-AM TOL (AMITRIPTYLENE)	4	06-27-94	35 DAYS
601-CL MECL2 (CLONAZEPAM)	1	06-27-94	35 DAYS
601-LB MEOH (LIBRIUM HCL)	3	06-27-94	35 DAYS
601-CL MECL2 (CLONAZEPAM)	1	06-28-94	34 DAYS
601-CL MEOH, MECL2 (CLONAZEPAM)	13	07-18-94	13 DAYS
601-CL MEOH (CLONAZEPAM)	6	07-18-94	13 DAYS
601-CL MEOH (CLONAZEPAM CLEANING)	6	07-22-94	9 DAYS
601-ddC ETOH, (MOTHER LIQUOR)	12	07-26-94	5 DAYS
601-LB ETOH (LIBRIUM BASE)	3	05-05-94	2MONS 27 DAYS
601-CL MECL2 (NITRO AMINO HCL)	6	05-12-94	2MONS 18 DAYS
601-CL MECL2 (NITRO AMINO HCL)	11	05-23-94	2MONS 7 DAYS

MONTH: JULY 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-V ETOH (DIAZEPAM)	14	06-07-94	1MON 20 DAYS
601-LB ETOH (LIBRIUM BASE)	9	06-15-94	1MON 12 DAYS
601-CL MECL2 (NITRO AMINO HCL)	3	06-15-94	1MON 12 DAYS
601-AM TOL (AMITRYPTILINE)	4	06-15-94	1MON 12 DAYS
TOTAL HAZARDOUS WASTE FOR RECOVERY	96		

INVENTORY OF 706 WAREHOUSE

MONTH: JULY 1994 NON-HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
305 ASBESTOS JOINTS	2	06-14-93	1 YR 13 DAYS
305 SPENT OIL	1	05-05-94	2MONS 6 DAYS
502 SPENT OIL	1	05-24-94	2MONS 6 DAYS
601-V-10	1	06-20-94	1MON 7 DAYS
502 SPENT OIL	1	06-23-94	1MON 4 DAYS
TOTAL NON-HAZARDOUS DRUMS	6		

VIAJES A S/K

M-94035 06/29/94 *DESCRIPTION*	*AMOUNT*	*HAZARDOUS OR NON-HAZARDOUS*
601-CL-02	*8*	*HAZARDOUS*
601-LB 81.3% ETOH, 3.4% ACETONE, 0.1% MEOH, 15.2% H20	*7*	*HAZARDOUS*
601-DL 48.7% MEOH, 45.3% MECL2, 6.0% H20	*2*	*HAZARDOUS*
601-CL-01	*22*	*HAZARDOUS*
601-CL-04	*3*	*HAZARDOUS*
601-CPD-01	*1*	*HAZARDOUS*
LAB-01	*1*	*HAZARDOUS*
601-CL-03	*1*	*HAZARDOUS*
TOTAL DRUMS	*45*	

M-94036 07/08/94 *DESCRIPTION*	*AMOUNT*	*HAZARDOUS OR NON-HAZARDOUS*
601-VALIDATION 98.4% ETOH, 1.6% H20	*30*	*HAZARDOUS*
601-CL-02	*8*	*HAZARDOUS*
601-CL 96.9% MECL2, 0.3% H20, 28% MEK	*1*	*HAZARDOUS*
601-LB 81.3% ETOH, 3.4% ACETONE, 0.1% MEOH, 0.3% H20	*3*	*HAZARDOUS*
601-CL 96.84% MEOH, 3.16% H20	*4*	*HAZARDOUS*
601-CPD-01	*1*	*HAZARDOUS*
LAB-01	*1*	*HAZARDOUS*
601-CL 98.0% MEOH, 2.0% H20	*1*	*HAZARDOUS*
601-CL 76.7% MEOH, 3.1% MECL2, 20% H20	*2*	*HAZARDOUS*
601-LB-08	*3*	*HAZARDOUS*
TOTAL DRUMS	*54*	

VIAJES A ROLLINS

M-94037 07/13/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-LB-05	4	HAZARDOUS
601-LB-07	7	HAZARDOUS
601-CL-06	1	HAZARDOUS
601-CL-05	1	HAZARDOUS
601-LB 71.0 O.R., 28.14% ACETIC ACID, 0.86% H20	16	HAZARDOUS
601-CPD PADS W SOLVENTS	1	HAZARDOUS
501-PADS W OIL	1	N/H
TOTAL DRUMS	31	

M-94038 07/20/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-CPD CENTRIFUGE PADS W SOLVENTS	1	HAZARDOUS
601-ddC 33.6% ETOH, 10.2% CARBON, 55.0% SOLKA FLOK, 1.1% ALUMINA	2	HAZARDOUS
601-DL-10	1	HAZARDOUS
601-LB-07	2	HAZARDOUS
501 PAINT, THINNER, KEROSENE	1	HAZARDOUS
601-LB-05	1	HAZARDOUS
601-CL-03	1	HAZARDOUS
TOTAL DRUMS	9	

M-94039 07/20/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
502 BRINE CALCIUM CHLORIDE	4	HAZARDOUS
601-DL 18.4% CAUSTIC SODA, 7.4% ETOH, 72.2% IPA, 2.0% H20	5	HAZARDOUS
601-CL ABS PADS W PYRIDINE	1	HAZARDOUS
TOTAL DRUMS	10	

LEL METER DATA SHEET

MONTH/YR July 1994

DATE	TIME	READING	OPERATOR	COMMENTS

LEL.94

Hazardous Waste Storage Facility Check List

Month: JULY 1994

706

1. *Leaking drums	Yes	No X
2. Adequate Location	Yes X	No
3. Doorway	Clear X	Blocked
4. Adequate Sealing of Containers	Yes X	No
5. Aisles	Clear X	Blocked
6. Liquid Inside Trench	Yes	No X
7. Entrance Ramp in Good Condition	Yes X	No
8. Exit Route	Clear X	Blocked
9. Warning Signs in Good Condition	Yes X	No
10. Fire Extinguisher	In Place X	Not In Place
	Inspected X	Not Inspected
11. Alarm System	Clear X	Blocked
12. Pallets in Good Condition	Yes X	No
13. Communication	Available X	Not Available
14. Concrete Pad in Good Condition	Yes X	No
15. Container I.D.	Legible X	Not Legible
	Complete X	Incomplete
16. Incompatible Wastes in Designated Area	Yes X	No

17. Comments _____

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: JUNE 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
			HAZARDOUS WASTE		
601-LB-07	UN1230	F-003	35% MEOH, 65% O.R.	FLAMMABLE	8
601-CL-03	UN1294	F-005	92.3% TOL, 7.7% O.R.	FLAMMABLE	2
601-LB	UN1993	D-001 F-003	15.2% H20, 0.1% MEOH, 81.3% ETOH, 3.4% ACETONE	FLAMMABLE	10
601-LB-08	UN1993	F-003 D-001	65% ETOH, 23% ACETONE, 11% METHYLAMINE SULFTATE, 5% H20	FLAMMABLE	6
601-CPD	UN1993	F-003 D-001	CENTRIFUGE PADS, CARTRIDGE FILTERS, ABS PADS W SOLVENTS	SOLID FLAMMABLE	2
601-CPD-01	UN1294	F-005	TOLUENE STILL BOTTOMS	FLAMMABLE	3
601-CL-06	UN1294	F-005	39.1% TOL, 56.5% CHARCOAL NORIT HYFLO, 4.4% O.R.	SOLID FLAMMABLE	1
601-CL-02	UN1993	F-003 F-005 D-001	89.99% MEK, 6.3% IPA, 3.71% MEOH	FLAMMABLE	16
601-DL-10	UN1325	D-001 F-005 D-001	69% POTASSIUM CHLORIDE, 13.6% HYFLO, 11% IPA, 64% CHARCOAL NORIT SUPERCELL	SOLID FLAMMABLE	1
LAB-01	UN1993	F-003 F-005 F-002 D-001 D-002	LAB SOLVENT WASTE	FLAMMABLE	2
601-CL	UN1993	F-002 F-003	98.0% MECL2, 1.3% MEOH, 0.5% H20	POISON FLAMMABLE	6
601-CL-01	UN1993	D-001 D-038	97.1% ETOH, 1.3% PYRIDINE, 1.4% H20, 0.2% TOLUENE	FLAMMABLE	24
601-CL-04	UN1170	D-001	91.26% ETOH, 8.69% H20, 0.05% O.R.	FLAMMABLE	3
601-LB-05	UN1993	F-003 F-005	35% ACETONE, 17% H20, 6% MEOH, 6% TOL, 36% O.R.	FLAMMABLE	5

M-94033 06/13/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-DL 45.3% MECL2, 6.0% H20, 48.7% MEOH	2	HAZARDOUS
601-V 77.4% ETOH, 1.4% MEOH, 21.2% H20	11	HAZARDOUS
601-CB 94.8% ETOH, 5.2% H20	20	HAZARDOUS
601-V-06	1	HAZARDOUS
TOTAL DRUMS	53	

VIAJES A ROLLINS

M-94031 06/03/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
701 WWTP SLUDGE	22	NON-HAZARDOUS
TOTAL DRUMS	22	

M-94034 06/16/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-LB-05	3	HAZARDOUS
601-LB-07	2	HAZARDOUS
601-CL-06	1	HAZARDOUS
601-CPD ABS PADS W SOLVENTS	1	HAZARDOUS
501 PAINT, THINNER & KEROSENE	1	HAZARDOUS
502 ABS PADS W OIL	2	N/H
TOTAL DRUMS	10	

Roche Products Inc.
Manati, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: JUNE 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
601-LB	UN2790	D-002	71.0% O.R., 28.14% ACETIC ACID, 0.86% H20	CORROSIVE	13
601-LB	UN1325	D-001	48.1% O.R., 45.9% HYFLO SUPERCELL, 6.0% SOLVENT	SOLID FLAMMABLE	2
601-V	UN1993	D-001 F-003	77.4% ETOH, 1.4% MEOH, 21.2% H20	FLAMMABLE	11
601-V-06	UN1294	F-005	65% TOLUENE, 35% O.R.	FLAMMABLE	1
HAZARDOUS WASTE FOR RECOVERY					
601-AM	UN1294	F-005	TOL (AMITRIPTYLENE)	FLAMMABLE	4
601-CL	UN1593	F-002	MECL2 (NITROAMINE HCL)	POISON	3
601-LB	UN1170	D-001	ETOH (LIBRIUM BASE)	FLAMMABLE	9
601-V	UN1170	D-001	ETOH (DIAZEPAM)	FLAMMABLE	14
NON-HAZARDOUS WASTE					
601-V-10	NOS	NOS	70.3% HYFLO SUPERCELL, 2.5% O.R., 27.2% H20	N/H	1
501	NOS	NOS	PADS W OIL	N/H	1
502	NOS	NOS	SPENT OIL	N/H	1
MATERIAL UNDER EVALUATION					
305	UNDER EVAL.	UNDER EVAL.	RUST REMOVER	UNDER EVAL.	2

TOTAL DRUMMED HAZARDOUS WASTE : 116

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 30

TOTAL DRUMMED NON-HAZARDOUS WASTE: 3

TOTAL DRUMMED MATERIAL UNDER EVALUATION: 2

MONTH: JUNE 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-CL-06	1	06-21-94	6 DAYS
601-CPD ABS PADS W SOLVENTS	1	06-21-94	6 DAYS
601-CPD-01	1	06-21-94	6 DAYS
601-LB-08	1	06-21-94	6 DAYS
601-LB-07	1	06-21-94	6 DAYS
601-LB 15.2% H20, 81.3% ETOH, 3.5% ACETONE, 0.1% MEOH	10	06-21-94	6 DAYS
601-CL-03	1	06-22-94	5 DAYS
601-LB-07	1	06-22-94	5 DAYS
TOTAL HAZARDOUS WASTE	99		

MONTH: JUNE 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-V DIAZEPAM ETOH	14	04-25-94	2MONS 5 DAYS
601-CL TOLUENE NITRO BROMO COMPOUND	7	04-28-94	2MONS 3 DAYS
601-LB ACETONE CHLORO COMPOUND	8	04-30-94	2MONS 1 DAY
601-LB ETOH (LIBRIUM BASE)	3	05-05-94	1MON 27 DAYS
601-CL MECL2 (NITRO AMINO HCL)	6	05-01-94	1MON 18 DAYS
601-CL MECL2 (NITRO AMINO HCL)	11	05-23-94	1MON 7 DAYS
601-V ETOH (DIAZEPAM)	14	06-07-94	20 DAYS
601-LB ETOH (LIBRIUM BASE)	9	06-15-94	12 DAYS
601-CL MECL2 (NITRO AMINO HCL)	3	06-15-94	12 DAYS
601-AM TOL (AMITRYPTILINE)	4	06-15-94	12 DAYS
TOTAL HAZARDOUS WASTE FOR RECOVERY	79		

INVENTORY OF 706 WAREHOUSE

MONTH: JUNE 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-DL MEOH 48%, MCL2 45%	2	03-01-94	3MONS 27 DAYS
502 BRINE CALCIUM CHLORIDE	4	04-19-94	2MONS 12 DAYS
601-DL 2.0% H20, 7.4% ETOH, 72.2% IPA, 18.4% CAUSTIC SODA	5	04-21-94	2MONS 10 DAYS
601-CL-05	1	05-04-94	1MON 26 DAYS
601-CL 98.5% MECL2, 1.3% O.R., 0.2% H20	1	05-23-94	1MON 7 DAYS
601-LB-07	3	06-06-94	21 DAYS
601-LB-07	2	06-08-94	19 DAYS
601-LB-05	1	06-08-94	19 DAYS
LAB-01	1	06-08-94	19 DAYS
601-LB 0.86% H20, 28.14% ACETIC ACID, 71.0% O.R.	13	06-09-94	18 DAYS
601-LB 45.9% HYFLO SUPERCELL, 48.1% O.R., 6.0% SOLVENT	2	06-09-94	18 DAYS
601-CL-01	3	06-10-94	17 DAYS
601-LB-07	1	06-11-94	16 DAYS
601-CL-01	8	06-13-94	14 DAYS
601-LB-05	3	06-13-94	14 DAYS
601-CL 1.3% O.R., 98.5% MECL2, 0.2% H20	2	06-13-94	14 DAYS
601-CL-02	10	06-14-94	13 DAYS
601-LB-08	4	06-14-94	13 DAYS
601-CL-03	1	06-14-94	13 DAYS
601-CL 98.0% MECL2, 0.5% H20, 1.3% MEOH	1	06-14-94	13 DAYS
601-CL-01	3	06-15-94	12 DAYS
601-LB-08	1	06-15-94	12 DAYS
601-CL-04	3	06-16-94	11 DAYS
601-CL 84.25% MECL2, 9.32% ETOH, 0.89% H20	1	06-17-94	10 DAYS
601-CL 98.0% MECL2, 0.5% H20, 1.3% MEOH	2	06-17-94	10 DAYS
LAB-01	1	06-20-94	7 DAYS
601-DL-10	1	06-20-94	7 DAYS
601-CL-02	2	06-20-94	7 DAYS

VIAJES A S/K

M-94030 06/01/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-CL-02	8	HAZARDOUS
601-CL-04	3	HAZARDOUS
601-CL-01	19	HAZARDOUS
601-CL-03	6	HAZARDOUS
601-DL-13	1	HAZARDOUS
601-V-15	1	HAZARDOUS
201-PH-02	1	HAZARDOUS
LAB-01	1	HAZARDOUS
601-LB 61.3% H20, 2.0% O.R., 36.7% MEOH	1	HAZARDOUS
601-CB 98.25% ETOH, 1.25% H20	2	HAZARDOUS
601-DL 45.3% MECL2, 6.0% H20, 48.7% MEOH	2	HAZARDOUS
TOTAL DRUMS	45	

M-94032 06/07/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-CL 98.5% MECL2, 0.2% H20, 1.3% O.R.	6	HAZARDOUS
TOTAL DRUMS	6	

M-94033 06/13/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-CL-02	4	HAZARDOUS
601-CL-01	10	HAZARDOUS
601-CPD-01	2	HAZARDOUS
601-CL-04	1	HAZARDOUS
LAB-01	1	HAZARDOUS
401-CHLOROFORM	1	HAZARDOUS

ardous Waste Storage Facility Check L

Month: JUNE 1994

706

*1. *Leaking drums*	*Yes*	*No X*
2. Adequate Location	*Yes X*	*No*
3. Doorway	*Clear X*	*Blocked*
4. Adequate Sealing of Containers	*Yes X*	*No*
5. Aisles	*Clear X*	*Blocked*
6. Liquid Inside Trench	*Yes*	*No X*
7. Entrance Ramp in Good Condition	*Yes X*	*No*
8. Exit Route	*Clear X*	*Blocked*
9. Warning Signs in Good Condition	*Yes X*	*No*
10. Fire Extinguisher	*In Place X*	*Not In Place*
	Inspected X	*Not Inspected*
11. Alarm System	*Clear X*	*Blocked*
12. Pallets in Good Condition	*Yes X*	*No*
13. Communication	*Available X*	*Not Available*
14. Concrete Pad in Good Condition	*Yes X*	*No*
15. Container I.D.	*Legible X*	*Not Legible*
	Complete X	*Incomplete*
16. Incompatible Wastes in Designated Area	*Yes X*	*No*

17. Comments _____

Manati, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: MAY 1994

REGULATORY AFFAIRS
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CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
			HAZARDOUS WASTE		
601-CB	UN1170	D-001	94.8% ETOH, 5.2% H20	FLAMMABLE	20
601-CL	UN1593	F-002	98.5% MECL2, 1.3% O.R., 0.2% H20%	POISON	9
601-CL-04	UN1170	D-001	91.26% ETOH, 8.69% H20, 0.05% O.R.	FLAMMABLE	7
LAB-01	UN1993	F-002 F-003 F-005 D-001	LAB SOLVENT WASTE	FLAMMABLE	3
401	UN1888	D-022	CHLOROFORM	POISON	1
601-LB-07	UN1230	F-003	35.0% MEOH, 65.0% O.R.	FLAMMABLE	3
601-LB	UN1230	F-003	36.7% MEOH, 2.0% O.R., 61.3% H20	FLAMMABLE	1
601-LB-05	UN1993	F-003 F-005	35.0% ACETONE, 17.0% H20, 6.0% MEOH, 6.0% TOL, 36% O.R.	FLAMMABLE	2
601-CL-02	UN1993	F-003 F-005 D-001	89.99% MEK, 6.3% IPA, 3.71% MEOH	FLAMMABLE	11
601-CL-03	UN1294	F-005	92.3% TOL, 7.7% O.R.	FLAMMABLE	8
601-CL-06	UN1294	F-005	39.1% TOL, 56.5% CHARCOAL NORIT, 4.4% O.R., HYFLO SUPERCELL	FLAMMABLE SOLID	2
601-CL-01	UN1993	D-001 D-038	97.1% ETOH, 1.3% PYRIDINE, 1.4% H20, 0.2% TOLUENE	FLAMMABLE	28
201-PH-02	UN1993	D-001 F-002	SOLVENT RESIDUES	FLAMMABLE	1
601-DL-13	UN1993	F-003 D-001	60.0% IPA, 40.0% MEOH	FLAMMABLE	1
601-V-15	UN1294	F-005	97.6% TOLUENE, 2.4% O.R.	FLAMMABLE	2
501	UN1993	F-003	PAINT, THINNER, KEROSENE	FLAMMABLE	1
601-CB	UN1170	D-001	98.25% ETOH, 1.25% H20	FLAMMABLE	2
601-CPD	UN1993	F-003 D-001	ABS CENTRIFUGE PADS, CARTRIDGE FILTERS, ABS PADS W ETOH, MEOH, ACETONE	FLAMMABLE SOLID	1

Roche Products Inc.
Manati, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: MAY 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
601-CL-05	UN1993	D-035 F-005	66.7% CHARCOAL SUPERCELL, 28.9% MEK, 4.4% O.R.	FLAMMABLE SOLID	1
601-CPD	UN1294	F-005	ABS PADS W TOLUENE	FLAMMABLE SOLID	1
601-CB	UN1993	D-001 F-003	97.88% ETOH, 0.09% MEOH, 0.67% H20	FLAMMABLE	7
601-CL	UN1993	F-002 F-003 D-001	98.53% MECL2, 0.07% ETOH, 0.1% MEOH, 0.1% H20	POISON FLAMMABLE	3
601-DL	UN1294	F-005	31.25% TOL, 68.75% H20	FLAMMABLE	2
601-V-06	UN1294	F-005	65.0% TOL, 35.0% O.R.	FLAMMABLE	2
HAZARDOUS WASTE FOR RECOVERY					
601-CL	UN1593	F-002	MECL2 (NITRO AMINO) (HCL)	POISON	17
601-LB	UN1170	D-001	ETOH (LIBRIUM BASE)	FLAMMABLE	3
601-V	UN1170	D-001	ETOH (DIAZEPAM)	FLAMMABLE	16
NON-HAZARDOUS WASTE					
502	NOS	NOS	ABS PADS W OIL	N/H	2
502	NOS	NOS	SPENT OIL	N/H	1
MOTOR POOL	NOS	NOS	ABS PADS W OIL	N/H	2
305	NOS	NOS	SPENT OIL	N/H	2
701	NOS	NOS	SPENT OIL	N/H	1
MATERIAL UNDER EVALUATION					
305	UNDER EVAL.	UNDER EVAL.	RUST REMOVER	UNDER EVAL.	2

TOTAL DRUMMED HAZARDOUS WASTE : 119

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 36

TOTAL DRUMMED NON-HAZARDOUS WASTE: 8

TOTAL DRUMMED MATERIAL UNDER EVALUATION: 2

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Hazardous Waste Storage Facility Check List

Month: MAY 1994

706

*1. *Leaking drums*	*Yes*	*No X*
2. Adequate Location	*Yes X*	*No*
3. Doorway	*Clear X*	*Blocked*
4. Adequate Sealing of Containers	*Yes X*	*No*
5. Aisles	*Clear X*	*Blocked*
6. Liquid Inside Trench	*Yes*	*No X*
7. Entrance Ramp in Good Condition	*Yes X*	*No*
8. Exit Route	*Clear X*	*Blocked*
9. Warning Signs in Good Condition	*Yes X*	*No*
10. Fire Extinguisher	*In Place X*	*Not In Place*
	Inspected X	*Not Inspected*
11. Alarm System	*Clear X*	*Blocked*
12. Pallets in Good Condition	*Yes X*	*No*
13. Communication	*Available X*	*Not Availeble*
14. Concrete Pad in Good Condition	*Yes X*	*No*
15. Container I.D.	*Legible X*	*Not Legible*
	Complete X	*Incomplete*
16. Incompatible Wastes in Designated Area	*Yes X*	*No*

17. _____

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VIAJES A S/K

M-94026 05/10/94 *DESCRIPTION*	*AMOUNT*	*HAZARDOUS OR NON-HAZARDOUS*
601-DL 31.25% TOL, 68.75% H20	*2*	*HAZARDOUS*
601-CL-01	*15*	*HAZARDOUS*
601-V-06	*2*	*HAZARDOUS*
601-V-15	*1*	*HAZARDOUS*
601-CL-03	*5*	*HAZARDOUS*
601-CL-02	*3*	*HAZARDOUS*
601-CB 97.88% ETOH, 0.09% MEOH, 6.7% H20	*7*	*HAZARDOUS*
601-CL-04	*3*	*HAZARDOUS*
LAB-01	*1*	*HAZARDOUS*
601-DL 45.3% MECL2, 48.7% MEOH, 6.0% H20	*2*	*HAZARDOUS*
TOTAL DRUMS	*41*	

M-94027 05/18/94 *DESCRIPTION*	*AMOUNT*	*HAZARDOUS OR NON-HAZARDOUS*
601-CL 98.5% MECL2, 1.3% O.R., 0.2% H20	*2*	*HAZARDOUS*
601-CL 98.53% MECL2, 0.07% ETOH, 0.1% H20, 0.1% MEOH	*3*	*HAZARDOUS*
305 SPENT OIL	*1*	*NON-HAZARDOUS*
502 SPENT OIL	*3*	*NON-HAZARDOUS*
502-KEROSENE AND OIL	*2*	*NON-HAZARDOUS*
701-SPENT OIL	*1*	*NON-HAZARDOUS*
TOTAL DRUMS	*12*	

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VIAJES A ROLLINS

M-94028 05/19/94 *DESCRIPTION*	*AMOUNT*	*HAZARDOUS OR NON-HAZARDOUS*
701 WWTP SLUDGE (MARINE BAG)	*22*	*NON-HAZARDOUS*
TOTAL DRUMS	*22*	

M-94029 05/25/94 *DESCRIPTION*	*AMOUNT*	*HAZARDOUS OR NON-HAZARDOUS*
601-CL-06	*2*	*HAZARDOUS*
601-LB-07	*1*	*HAZARDOUS*
601-CPD ABS PADS W SOLVENT	*1*	*HAZARDOUS*
601-CPD ABS PADS W TOLUENE	*2*	*HAZARDOUS*
502-ABS PADS W OIL	*3*	*N/H*
MOTOR POOL-ABS PADS W OIL	*2*	*N/H*
TOTAL DRUMS	*11*	

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MONTH: MAY 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-CB 94.8% ETOH, 5.2% H20	20	05-27-94	3 DAYS
TOTAL HAZARDOUS WASTE	95		

MONTH: MAY 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-V DIAZEPAM ETOH	36	04-25-94	1MON 5 DAYS
601-CL TOLUENE NITRO BROMO COMPOUND	7	04-28-94	1MON 3 DAYS
601-LB ACETONE CHLORO COMPOUND	8	04-30-94	1MON 1 DAY
601-LB ETOH (LIBRIUM BASE)	3	05-05-94	27 DAYS
601-V ETOH (DIAZEPAM)	16	05-03-94	25 DAYS
601-CL MECL2 (NITRO AMINO HCL)	6	05-12-94	18 DAYS
601-CL MECL2 (NITRO AMINO HCL)	11	05-23-94	7 DAYS
TOTAL HAZARDOUS WASTE FOR RECOVERY	87		

INVENTORY OF 706 WAREHOUSE

MONTH: MAY 1994 NON-HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
305 ASBESTOS JOINTS	2	06-14-93	10MONS 13 DAYS
305 SPENT OIL	1	05-05-94	6 DAYS
502 SPENT OIL	1	05-24-94	6 DAYS
502 ABS PADS W OIL	2	05-24-94	6 DAYS
UNDER EVALUATION			
305 RUST REMOVER	2	05-06-94	24 DAYS
TOTAL NON-HAZARDOUS DRUMS -UNDER EVALUATION-	6 2		

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ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: APRIL 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
601-DL	UN1993	D-001	IPA 72.2%, CAUSTIC SODA 18.4%, ETOH 7.4%, H20 2.0%	FLAMMABLE CORROSIVE	5
601-DL	UN1219	D-001	IPA	FLAMMABLE	8
601-DL-16	UN1993	D-001	IPA 92.8%, MEOH 7.0%, O.R. .2%	FLAMMABLE	4
601-V-14	UN1219	D-001	IPA, O.R.	FLAMMABLE	4
601-VALIDATION	UN1170	D-001	ETOH 81.04%, H20 18.96%	FLAMMABLE	6
601-CL	UN1993	F-003 D-001	ETOH 88.95%, MEOH 5.37%, H20 5.68%	FLAMMABLE	2
601-CL	UN1993	F-003 D-001	ETOH 98.53%, MEOH 1.0%, H20 0.12%	FLAMMABLE	1
601-CL-01	UN1993	D-001 F-005	ETOH 97.1%, PYRIDINE 1.3%, H20 1.4%	FLAMMABLE	6
601-ddC	UN1993	F-003 D-001	ETOH 97.9%, MEOH 0.5%, H20 1.6%	FLAMMABLE	1
601-CB	UN1170	D-001	ETOH 95.8%, H20 4.2%	FLAMMABLE	5
601-V	UN1170	D-001	ETOH	FLAMMABLE	6
601-CL	UN1170	D-001	ETOH	FLAMMABLE	1
HAZARDOUS WASTE FOR RECOVERY					
601-V	UN1170	D-001	ETOH (DIAZEPAM)	FLAMMABLE	66
601-CL	UN1294	F-005	TOLUENE (NITRO BROMO COMPOUND)	FLAMMABLE	7
601-AM	UN1294	F-005	TOLUENE (AMITRIPTYLENE)	FLAMMABLE	8
601-LB	UN1090	F-003	ACETONE (CHLORO COMPOUND)	FLAMMABLE	8
NON-HAZARDOUS WASTE					
502	NOS	NOS	SPENT OIL	N/H	4
502	NOS	NOS	KEROSENE WASTE	N/H	1
502	NOS	NOS	ABS PADS W OIL	N/H	3

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: APRIL 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
HAZARDOUS WASTE					
601-ddC	UN1993	F-002 F-003	MCL2 97.9%, O.R. 1.4%, MEOH 3.7%	POISON	8
601-ddC	UN1993	F-002 D-001	MCL2 99.7%, ETOH 0.11%, H20 0.15%	POISON	4
601-ddC-02	UN1593	F-002	MCL2 99.7%, H20 0.3%	POISON	2
201-PH-02	UN1993	F-002	LAB SOLVENT MCL2	POISON	1
601-V-15	UN1294	F-005	TOLUENE 97.6%, O.R. 2.4%	FLAMMABLE	2
601-CPD-01	UN1294	F-005	TOLUENE STILL BOTTOMS	FLAMMABLE	9
601-CL-06	UN1294	F-005	TOLUENE 39.1%, CHARCOAL 56.5%, O.R. 4.4%	FLAMMABLE SOLID	2
601-CL-03	UN1294	F-005	TOLUENE 92.3%, O.R. 7.7%	FLAMMABLE	7
601-DL	UN1294	F-005	TOLUENE 31.25%, H20 68.25%	FLAMMABLE	1
601-LB	UN1294	F-005	TOLUENE	FLAMMABLE	22
601-CPD	UN1294	F-005	PADS W TOLUENE	FLAMMABLE SOLID	2
601-CPD	UN1993	F-003 D-001	PADS W FILTERS, SOLVENTS	FLAMMABLE SOLID	1
401-LAB-01	UN1993	F-003 F-005 F-002 D-001	LAB SOLVENT WASTE	FLAMMABLE	3
601-ddC	UN1993	F-002 F-003	MEOH 73.9%, MCL2 24.7%, O.R. 0.2%, H20 0.13%	FLAMMABLE	1
502	NA9189	D-007	BRINE CALCIUM CHLORIDE	POISON	4
601-DL	UN1993	D-001	IPA 88.9%, ETOH 5.9%, H20 5.3%	FLAMMABLE	28

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ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: APRIL 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
502	NOS	NOS	COOLANT	N/H	1
502	NOS	NOS	KEROSENE W OIL	N/H	1
601-V-12	NOS	NOS	HYFLO SUPERCELL	N/H	1
601-V-13	NOS	NOS	HYFLO SUPERCELL, CHARCOAL	N/H	1

TOTAL DRUMMED HAZARDOUS WASTE : 146

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 89

TOTAL DRUMMED NON-HAZARDOUS WASTE: 12

M-94022 04/14/94 (VAN) DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-ddC 99.7%, 3.0% H2O	14	HAZARDOUS
601-ddC-06	11	HAZARDOUS
601-ddC-08	3	HAZARDOUS
601-ddC 99.6% MECL2, .26% H2O	6	HAZARDOUS
601-ddC 99.75%, 0.15% H2O, 0.4% ETOH	4	HAZARDOUS
601-ddC 97.9% MECL2, 0.4% H2O, 3.0% MEOH, 1.4% O.R.	6	HAZARDOUS
TOTAL DRUMS	44	

M-94023 04/15/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-ddC 99.9% MECL2, 0.3% MEOH, 0.4% H2O, 1.4% O.R.	2	HAZARDOUS
601-ddC-02	5	HAZARDOUS
601-ddC-08	1	HAZARDOUS
601-ddC-06	3	HAZARDOUS
201 SPENT OIL	2	N/H
502 SPENT OIL	4	N/H
501 SPENT OIL	3	N/H
701 SPENT OIL	1	N/H
502 KEROSENE WASTE	2	N/H
TOTAL DRUMS	23	

VIAJES A ROLLINS

M-94024 04/22/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-CPD ABS PADS W TOLUENE	4	HAZARDOUS
601-DL-11	1	HAZARDOUS
601-CPD FILTERS, ABS PADS W ACETONE, ETHANOL, MEOH, CENTRIFUGE PADS	3	HAZARDOUS
601-LB-10	1	HAZARDOUS
601-V-10	1	HAZARDOUS
601-V-12	1	HAZARDOUS
601-V-13	1	HAZARDOUS
502-ABS PADS W OIL & KEROSENE	9	HAZARDOUS
601-CPD 99.9% HYFLO SUPERCELL, 0.1% ACETONE	1	HAZARDOUS
701 ABS PADS W OIL	1	HAZARDOUS
501 ABS PADS W OIL	1	HAZARDOUS
601-CL-06	1	HAZARDOUS
TOTAL DRUMS	25	

M-94025 04/28/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-DL 88.9% IPA, 5.9% ETOH, 5.3% H20	28	HAZARDOUS
601-VALIDATION 81.04% ETOH, 18.96% H20	6	HAZARDOUS
601-CL 88.95% ETOH, 5.37% MEOH, 5.68% H20	3	HAZARDOUS
601-DL 31.25% TOL, 68.75% H20	1	HAZARDOUS
LAB-01 LAB SOLVENT WASTE	2	HAZARDOUS
601-DL 45.3% MECL2, 48.7% MEOH, 6.0% H20	2	HAZARDOUS
201-PH-02	1	HAZARDOUS
TOTAL DRUMS	43	

Hazardous Waste Storage Facility Check List

Month: APRIL 1994

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*1. *Leaking drums*	*Yes*	*No X*
2. Adequate Location	*Yes X*	*No*
3. Doorway	*Clear X*	*Blocked*
4. Adequate Sealing of Containers	*Yes X*	*No*
5. Aisles	*Clear X*	*Blocked*
6. Liquid Inside Trench	*Yes*	*No X*
7. Entrance Ramp in Good Condition	*Yes X*	*No*
8. Exit Route	*Clear X*	*Blocked*
9. Warning Signs in Good Condition	*Yes X*	*No*
10. Fire Extinguisher	*In Place X*	*Not In Place*
	Inspected X	*Not Inspected*
11. Alarm System	*Clear X*	*Blocked*
12. Pallets in Good Condition	*Yes X*	*No*
13. Communication	*Available X*	*Not Available*
14. Concrete Pad in Good Condition	*Yes X*	*No*
15. Container I.D.	*Legible X*	*Not Legible*
	Complete X	*Incomplete*
16. Incompatible Wastes in Designated Area	*Yes X*	*No*

17. _____

HAZARDOUS WASTE OPERATIONS

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YEAR 1994

RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-ddc-07	6812	ETHANOL 75.2% ORG. MAT. 8.7% N.M. PIRROLIDONE 16.1%	2-28-94			1	190.5	✓		
〃	6813	〃	〃			1	191.0	✓		
〃	6814	〃	〃			1	192.0	✓		
601-ddc-08	6815	MCL2 95.5% ETHANOL 4.4% H_2O 0.1%	〃			1	240.5	✓		
〃	6816	〃	〃			1	236.5	✓		
601-ddc-06	6817	MCL2 82.4% ORG MAT. 17.5% H_2O 0.1%	〃			1	220.5	✓		
〃	6818	〃	〃			1	218.5	✓		
601-ddc-08	6819	MCL2 95.5% ETHANOL 4.4% H_2O 0.1%	〃			1	193.0	✓		
601-ddc-02	6820	MCL2 99.7%, H_2O 0.3%	〃			1	235.0	✓		
601-ddc-06	6821	MCL2 82.4% ORG. MAT 17.5% H_2O 0.1%	〃			1	216.5	✓		
〃	6822	〃	〃			1	220.5	✓		
〃	6823	〃	〃			1	217.0	✓		
〃	6824	〃	〃			1	215.0	✓		
〃	6825	〃	〃			1	234.5	✓		
〃	6826	〃	〃			1	236.0	✓		
〃	6827	〃	〃			1	214.0	✓		
〃	6828	〃	〃			1	215.0	✓		
601-CB-01	6829	METHANOL 70% ORG. THOXYLENE 25% ETHANOL 5%	3-2-94			1	60.0	✓		

HAZARDOUS WASTE OPERATIONS

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RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-CPD-01	6830	TOLUENE STILL BOTTOM	3-2-94			1	188.0	✓		
601-DL-06	6831	TOLUENE 65%; ORG. RES. 35%	"			1	207.0	✓		
"	6832	"	"			1	230.0	✓		
601-ddc-07	6833	ETHANOL 75.2% ORG. MAT. 8.70% N-M. PYRROLIDINE 16.1%	3-1-94			1	183.5	✓		
"	6834	"	"			1	236.0	✓		
601-ddc-06	6835	MCL2 82.4% ORG. MAT. 17.5% H_2O 0.1%	"			1	233.0	✓		
"	6836	"	"			1	225.5	✓		
601-ddc-07	6837	ETHO 75.2% ORG. MAT 8.70% M-M PYRROLIDINE 16.1%	3-2-94			1	225.5	✓		
601-ddc-08	6838	MCL2 95.5 ETHO 4.4% H_2O 0.1%	"			1	235.5	✓		
601-ddc-	6839	ETHO 98.1% MCL2 0.5% H_2O 1.4%	"			1	240.0	✓		
601-DL-	6840	MEOH 48%, MCL2, 45.3%, H_2O 6.0%	3-1-94			1	251.5	✓		
"	6841	"	"			1	248.5	✓		
"	6842	"	"			1	171.0	✓		
"	6843	"	"			1	170.0	✓		
"	6844	"	"			1	246.0	✓		
"	6845	"	"			1	244.0	✓		
"	6846	"	"			1	245.0	✓		
"	6847	"	"			1	249.0	✓		

HAZARDOUS WASTE OPERATIONS

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MONTH MARCH
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RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601.12	6848	MEOH 48.7%, MCl2 45.3%, H_2O 6.0%	3-1-94			1	204.5	✓		
"	6849	"	"			1	215.5	✓		
"	6850	"	"			1	204.5	✓		
"	6851	"	"			1	252.0	✓		
"	6852	"	"			1	251.0	✓		
"	6853	"	"			1	252.5	✓		
"	6854	"	"			1	254.0	✓		
"	6855	"	"			1	250.0	✓		
"	6856	"	"			1	251.0	✓		
"	6857	"	"			1	254.5	✓		
"	6858	"	"			1	257.0	✓		
"	6859	"	"			1	249.5	✓		
"	6860	"	"			1	250.0	✓		
"	6861	"	"			1	255.0	✓		
"	6862	"	"			1	249.5	✓		
601.12	6863	Toluene 90.5%, H_2O 9.5%	"			1	170.0	✓		
"	6864	"	"			1	171.5	✓		
"	6865	"	"			1	170.0	✓		

HAZARDOUS WASTE OPERATIONS

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MONTH MARCH
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RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-DL	6866	TOLUENE 90.5%, H_2O 9.5%	3-1-94			1	178.0	✓		
"	6867	"	"			1	130.0	✓		
601-DL-09	6868	A-BROMIDE 70%, H_2O 4.0 MECL 1.% HYFLO SUPERCEL 25%	"			1	100.0		✓	
601-2B-10	6869	ETHO 5.6% CHARCOAL 48% HYFLO SUPERCEL 40.4% H_2O 2%	"			1	115.0		✓	
601-2AB-01	6870	2AB. SOLVENT WASTE	3-2-94			1	183.0	✓		
601-CPD-01	6871	TOLUENE STILL BOTTOM	"			1	155.0	✓		
"	6872	"	"			1	176.0	✓		
"	6873	"	"			1	171.5	✓		
"	6874	"	3-3-94			1	176.0	✓		
"	6875	"	"			1	175.5	✓		
"	6876	"	"			1	166.5	✓		
"	6877	"	"			1	172.0	✓		
"	6878	"	"			1	184.0	✓		
"	6879	"	"			1	180.0	✓		
"	6880	"	"			1	178.5	✓		
"	6881	"	"			1	177.0	✓		
"	6882	"	"			1	177.0	✓		
"	6883	"	"			1	177.0	✓		

HAZARDOUS WASTE OPERATIONS

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RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-ddc	6884	MCl2 99.7%, H2O .03%	3-7-94			1	238.5	✓		
"	6885	"	"			1	245.0	✓		
"	6886	"	"			1	75.0	✓		
"	6887	"	"			1	204.0	✓		
"	6888	"	"			1	45.0	✓		
"	6889	"	"			1	250.0	✓		
"	6890	"	"			1	250.0	✓		
"	6891	"	"			1	245.0	✓		
"	6892	"	"			1	262.0	✓		
"	6893	"	"			1	253.0	✓		
601-ddc	6894	MCl2 99.6%, H2O 0.4%	3-7-94			1	225.0	✓		
"	6895	"	"			1	227.5	✓		
"	6896	"	"			1	226.5	✓		
"	6897	"	"			1	229.0	✓		
401-LAB-01	6898	LAB. SOLVENT WASTE	"			1	175.0	✓		
601-V-15	6899	TOLUENE 97.6%, ORG-RES. 2.4%	"			1	170.0	✓		
"	6900	"	"			1	175.5	✓		
601-V-06	6901	TOLUENE 65%, RES. ORG. 35%	"			1	106.5	✓		

HAZARDOUS WASTE OPERATIONS

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RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-D2	6902	MEOH 98.7%, MCL2 45.3%, H_2O 6.0%	3-7-94			1	199.5	✓		
601-V	6903	Toluene 99.9%, H_2O 0.1%	"			1	110.5	✓		
601-D2-16	6904	I.P.A. 92.8% MEOH 7.0% RES. ORG .2%	"			1	165.0	✓		
"	6905	"	"			1	166.0	✓		
"	6906	"	"			1	170.0	✓		
"	6907	"	"			1	165.5	✓		
"	6908	"	"			1	166.5	✓		
601-D2-11	6909	I.P.A 21% HYFLO SUPERCEL 40% CHARCOAL NORIT 39%	"			1	120.5		✓	
601-CP-1	6910	RADS CENT. FILTERS WITH SOLVENTS	"			1	28.5		✓	
601-DDC	6911	Toluene 99.8%, H_2O 0.2%	3-9-94			1	165.0	✓		
"	6912	"	"			1	180.0	✓		
"	6913	"	"			1	174.0	✓		
"	6914	"	"			1	179.0	✓		
"	6915	"	"			1	175.0	✓		
601-CL	6916	M.E.K. 99.1% PIRRIDINE 0.1% ETHO 0.2% N_2O 0.X%	"			1	163.0	✓		
"	6917	"	"			1	164.5	✓		
601-CB-01	6918	MEOH 70% ORTHO XYLENE 25% ETHO 5%	"			1	40.0	✓		
601-CP1	6919	MCL2 44.4%, H_2O 55.56%	"			1	185.0	✓		

HAZARDOUS WASTE OPERATIONS

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YEAR 1994

RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-V.06	6920	TOLUENE 65%, ORG.TES 35%	3-10-94			1	150.0	✓		
601-C.T.D	6921	ABS. PAPER W. TOLUENE	"			1	85.0		✓	
601-M.P.	6922	PAINT W. THINNER / KEROSENE	3-11-94			1	187.0	✓		
401-2AB-01	6923	2AB - SOLV. WASTE	3-16-94			1	210.0	✓		
401-2AB-01A	6924	CHLOROFORM	"			1	14.5	✓		
601-CB-	6925	ETHO 92.3%, H_2O 7.7%	3-15-94			1	168.5	✓		
"	6926	"	"			1	164.0	✓		
"	6927	"	"			1	178.0	✓		
"	6928	"	"			1	170.0	✓		
"	6929	"	"			1	172.0	✓		
"	6930	"	"			1	160.0	✓		
"	6931	"	"			1	182.0	✓		
"	6932	"	"			1	164.0	✓		
"	6933	"	"			1	177.0	✓		
"	6934	"	"			1	172	✓		
601-CB-	6935	ETHO 93.9%, H_2O 6.0%	3-15-94			1	174.0	✓		
"	6936	"	"			1	176.0	✓		
"	6937	"	"			1	177.0	✓		

HAZARDOUS WASTE OPERATIONS

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RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601.CB-	6938	ETHO 93.9%, H_2O 6.0	3-15-94			1	175.0	✓		
"	6939	"	"			1	174.0	✓		
"	6940	"	"			1	172.0	✓		
"	6941	"	"			1	173.5	✓		
"	6942	"	"			1	170.5	✓		
"	6943	"	"			1	171.5	✓		
"	6944	"	"			1	171.0	✓		
601.V.06	6945	TOLUENE 65%, ORG.RES. 35%	3-14-94			1	160.5	✓		
601.GP.D	6946	PAINT CENT, FILTERS W. SOLVENTS	3-15-94			1	15.5		✓	
601.ddc	6947	ETHO 92.7%, H_2O 7.3%	"			1	173.0	✓		
"	6948	"	"			1	188.0	✓		
"	6949	"	"			1	186.0	✓		
"	6950	"	"			1	185.5	✓		
"	6951	"	"			1	189.0	✓		
601-CL	6952	TOLUENE 99.7%, H_2O 0.3%	3-18-94			1	170.5	✓		
"	6953	"	"			1	170.0	✓		
"	6954	"	"			1	171.5	✓		
"	6955	"	"			1	168.0	✓		

HAZARDOUS WASTE OPERATIONS

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RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-CL	6956	TOLUENE 99.7%, H_2O 0.3%	3-18-94			1	165.0	✓		
11	6957	11	11			1	177.0	✓		
11	6958	11	11			1	180.0	✓		
11	6959	11	11			1	167.0	✓		
11	6960	11	11			1	180.0	✓		
11	6961	11	11			1	162.0	✓		
11	6962	11	11			1	162.0	✓		
11	6963	11	11			1	158.0	✓		
11	6964	11	11			1	170.0	✓		
11	6965	11	11			1	171.0	✓		
601-CL-03	6966	TOLUENE 92.3%, H_2O 7.7%	11			1	163.0	✓		
601-DC	6967	MCL_2 99.7%, H_2O 0.26%	11			1	269.5	✓		
	6968	11	11			1	170.0	✓		
	6969	11	11			1	261.0	✓		
	6970	11	11			1	178.0	✓		
601-CPD-01	6971	TOLUENE STILL BOTTOM	3-21-94			1	180.0	✓		
11	6972	11	11			1	173.5	✓		
601-CPD-	6973	ABS. PAPER W. TOLUENE	11			1	90.0		✓	

HAZARDOUS WASTE OPERATIONS

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RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-CPD	6974	ABS. PAPER W. TOLUENE	3-21-94			1	100.0		✓	
"	6975	"	"			1	95.5		✓	
601-V-15	6976	TOLUENE 97.6%, ORG.RES. 2.4%	"			1	175.0	✓		
"	6977	"	"			1	170.0	✓		
601-V-06	6978	TOLUENE 65%, ORG.RES. 35%	"			1	175.0	✓		
601-CPD-01	6979	TOLUENE STILL BOTTOM	"			1	175.0	✓		
"	6980	"	"			1	174.0	✓		
"	6981	"	"			1	175.5	✓		
"	6982	"	"			1	174.5	✓		
"	6983	"	"			1	170.0	✓		
"	6984	"	"			1	180.0	✓		
"	6985	"	"			1	173.0	✓		
"	6986	"	"			1	161.0	✓		
"	6987	"	"			1	110.5	✓		
"	6988	"	"			1	182.0	✓		
601-CL-02	6989	M.E.K. 89.99%, IPA 6.3%, MEOH 3.7%	3-23-94			1	138.5	✓		
"	6990	"	"			1	182.0	✓		
"	6991	"	"			1	156.0	✓		

HAZARDOUS WASTE OPERATIONS

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RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-C2-02	6992	M.E.K. 89.99%, I.P.A. 6.3%, MEOH 3.7%	3-23-94			1	150.0	✓		
"	6993	"	"			1	160.5	✓		
"	6994	"	"			1	156.5	✓		
"	6995	"	"			1	104.0	✓		
"	6996	"	"			1	48.5	✓		
"	6997	"	"			1	176.5	✓		
"	6998	"	"			1	173.5	✓		
"	6999	"	"			1	45.0	✓		
"	7000	"	"			1	137.0	✓		
601-C2-03	7001	TOLUENE 92.3%, ORG. RES. 7.7%	3-23-94			1	160.5	✓		
"	7002	"	"			1	150.0	✓		
"	7003	"	"			1	80.0	✓		
601-C2-02	7004	M.E.K. 89.99%, I.P.A. 6.3%, MEOH 3.7%	"			1	40.0	✓		
	7005	"	"			1	170.0	✓		
	7006	"	"			1	180.5	✓		
	7007	"	"			1	178.0	✓		
401-2AB-01	7008	LAB. SOLVENT WASTE	3-25-94			1	186.5	✓		

End of March 1994

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manati, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: MARCH 1994

REGULATORY AFFAIRS
RECEIVED
MAY - 2 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
			HAZARDOUS WASTE		
601-CL	UN1993	D-001 F-005 F-003	MEK 89.99%, IPA 0.3%, MEOH 3.7%	FLAMMABLE	16
601-CLD	UN1193	F-005	MEK 99.1%, H20 0.4%, ETOH 0.2%, PIRIDINE 0.1%	FLAMMABLE	2
601-CL-03	UN1294	F-005	TOLUENE 92.3%, O.R. 7.7%	FLAMMABLE	4
601-CPD-01	UN1294	F-005	TOLUENE STILL BOTTOM	FLAMMABLE	26
601-V-15	UN1294	F-005	TOLUENE 97.6%, O.R. 2.4%	FLAMMABLE	4
601-V-06	UN1294	F-005	TOLUENE 65.0%, O.R. 35.0%	FLAMMABLE	4
601-CL	UN1294	F-005	TOLUENE 99.7%, H20 0.3%	FLAMMABLE	14
601-ddC	UN1294	F-005	TOLUENE 99.8%, H20 0.2%	FLAMMABLE	5
601-V	UN1294	F-005	TOLUENE 99.9%, H20 0.1%	FLAMMABLE	1
601-DL-06	UN1294	F-005	TOLUENE 65.0%, O.R. 35.0%	FLAMMABLE	2
601-DL	UN1294	F-005	TOLUENE 90.5%, H20 9.5%	FLAMMABLE	5
601-CPD	UN1294	F-005	ABS PAPER W TOLUENE	FLAMMABLE SOLID	4
601-CPD	UN1993	D-001 F-002 F-003	ABS CENTRIFUGE PAPER W SOLV, FILTERS	FLAMMABLE SOLID	2
601-ddC	UN1593	F-002 D-003 F-005	METHYLENE CHLORIDE 99.7%, H20 0.26%	POISON	4
601-ddC	UN1593	F-002	METHYLENE CHLORIDE 99.7%, H20 0.3%	POISON	10
601-ddC-02	UN1593	F-002 F-003	METHYLENE CHLORIDE 99.7%, H20 0.3%	POISON	1
601-ddC-06	UN1593	F-002	MCL2 82.4%, ORG MAT 17.5%, H20 0.1%	POISON	12
601-ddC-08	UN1993	F-002 D-001	MCL2 99.5%, ETOH 4.4%, H20 0.1%	POISON	4
601-CPD-700	UN1593	F-002	MCL2 44.4%, H20 55.56%	POISON	1

REGULATORY
RECEIVED
MAY - 2 1994

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: MARCH 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
601-ddC	UN1593	F-002	MCL2 99.6%, H20 0.4%	POISON	4
601-DL-09	UN1993	F-002	MCL2 11.0%, HYFLO SUP.CELL 25%, AMMONIUM BROMIDE 70%, H20 4.0%	POISON	1
601-LB-10	UN1170	D-001	ETOH 5.6%, CHARCOAL 48%, HYFLO SUP. CELL 40%, H20 6.4%	FLAMMABLE SOLID	1
601-ddC	UN1170	D-001	ETOH 98.1%, MCL2 0.5%, H20 1.4%	FLAMMABLE	1
601-ddC-07	UN1993	D-001	ETOH 75.2%, ORG MAT, 8.7% N-METHYL PIRROLIDONE 16.1%	FLAMMABLE	6
601-ddC	UN1170	D-001	ETOH 92.7%, H20 7.3%	FLAMMABLE	5
601-CB	UN1170	D-001	ETOH 93.9%, H20 6.0%	FLAMMABLE	10
601-CB	UN1170	D-001	ETOH 92.3%, H20 7.75	FLAMMABLE	10
601-CB-01	UN1993	D-001 F-003	MEOH 70.0% ORTHOXYLENE 25%, ETOH 5.0%	FLAMMABLE	2
601-DL	UN1993	F-002 F-003	MEOH 48.7%, MCL2 45.3%, H20 6.0%	FLAMMABLE POISON	24
601-DL-11	UN1325	D-001	IPA 21%, HYFLO SUPERCELL 40%, CHARCOAL NORRIT 39%	FLAMMABLE	1
601-DL-16	UN1993	D-001 F-003	IPA 92.8%, MEOH 7.0%, O.R. .2%	FLAMMABLE POISON	5
401-LAB-01	UN1993	D-001 F-002 F-003 F-005	LAB SOLV WASTE	FLAMMABLE	4
401-LAB	UN1888	D-022	CHLOROFORM	POISON	1
501-MP	UN1993	F-003	PAINT/THINNER/KEROSENE	FLAMMABLE	1
NON-HAZARDOUS WASTE					
601-V-10	NOS	NOS	HYFLO SUPERCELL 70.3%, O.R. 2.5%, H20 27.2%	N/H	1

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: MARCH 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
501	NOS	NOS	PADS WITH OIL	N/H	1
201	NOS	NOS	SPENT OIL	N/H	1

TOTAL DRUMMED HAZARDOUS WASTE : 197

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 0

TOTAL DRUMMED NON-HAZARDOUS WASTE: 3

REGULATORY AFFAIRS
RECEIVED
MAY - 2 1
FILE COPY

INVENTORY OF 706 WAREHOUSE

MONTH: MARCH 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-DL-11	1	01-31-94	1MON 27 DAYS
601-CPD PADS W TOL	1	02-03-94	1MON 24 DAYS
601-ddC-02	2	02-22-94	1MON 5 DAYS
601-ddC-07	1	02-22-94	1MON 5 DAYS
601-ddC-02	1	02-22-94	1MON 5 DAYS
601-ddC-06	2	02-23-94	1MON 4 DAYS
601-ddC-02	1	02-23-94	1MON 4 DAYS
601-ddC-06 MCL2	10	02-28-94	1MON
601-ddC-07	3	02-28-94	1MON
601-ddC-08 MCL2	3	02-28-94	1MON
601-ddC-07	1	03-01-94	27 DAYS
601-LB-10	1	03-01-94	27 DAYS
601-ddC-06 MCL2	2	03-01-94	27 DAYS
601-DL MEOH 48%, MCL2 45%	19	03-01-94	27 DAYS
601-ddC-06 MCL2	1	03-02-94	26 DAYS
601-ddC-07	1	03-02-94	26 DAYS
601-DL-06 TOLUENE	1	03-02-94	26 DAYS
601-CPD-01	1	03-02-94	26 DAYS
601-ddC-ETOH 98%, H20, MCL2	1	03-02-94	26 DAYS
601-ddC-08 MCL2	1	03-02-94	26 DAYS
601-V-TOLUENE 99%, H20 0.1%	1	03-07-94	22 DAYS
601-V-06 TOLUENE	1	03-07-94	22 DAYS
601-ddC-MCL2 99.7%	14	03-07-94	22 DAYS
601-ddC TOLUENE 99.9%, H20 0.2%	5	03-09-94	19 DAYS
601-V MEK 99%, H20 0.4%, ETOH 0.2%, PIRRIDONE 0.1%	2	03-09-94	19 DAYS
601-CB-01	1	03-09-94	19 DAYS
601-V-06 TOLUENE	1	03-10-94	18 DAYS
601-PADS W TOLUENE	1	03-10-94	18 DAYS
501-PAINT/THINNER	1	03-11-94	17 DAYS
601-V-06 TOLUENE	1	03-14-94	14 DAYS
601-ddC-ETOH 92.7%, H20 7.3%	2	03-15-94	13 DAYS

MONTH: MARCH 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-ddC-ETOH 92.7%, H20 7.3%	2	03-16-94	13 DAYS
601-PADS W SOLV/FILTER	1	03-16-94	13 DAYS
601-ddC-MCL2	4	03-18-94	10 DAYS
601-PADS W TOLUENE	2	03-21-94	7 DAYS
601-CPD-01	1	03-21-94	7 DAYS
601-CL-02 SOLV. SOLUTION	16	03-23-94	5 DAYS
601-CL-03 TOLUENE	3	03-23-94	5 DAYS
601-LAB-01 LAB SOLV.	1	03-26-94	3 DAYS
TOTAL HAZARDOUS WASTE	115		

MONTH: MARCH 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-CL ETHANOL	3	08-11-93	5MONS 17 DAYS
601-LB ETHANOL	2	09-01-93	4MONS 25 DAYS
601-LB ETHANOL	3	09-03-93	4MONS 23 DAYS
601-CL ETHANOL	2	09-09-93	4MONS 17 DAYS
601-LB METHANOL	1	09-09-93	4MONS 17 DAYS
601-LB METHANOL	3	09-10-93	4MONS 16 DAYS
601-CL ETHANOL	16	09-13-93	4MONS 13 DAYS
601-CL METHANOL	17	11-20-93	2MON 8 DAYS
601-V ETHANOL	32	02-03-94	24 DAYS
601-LB ETHANOL	3	02-03-94	24 DAYS
601-CB ETHANOL	2	02-03-94	24 DAYS
601-DL IPA	8	02-03-94	24 DAYS
601-CD ETHANOL	1	02-03-94	24 DAYS
601-V TOLUENE	8	02-03-94	24 DAYS
601-CL ETHANOL	5	02-03-94	24 DAYS
601-DL METHANOL	1	02-03-94	24 DAYS
TOTAL HAZARDOUS WASTE FOR RECOVERY	107		

Hazardous Waste Storage Facility Check List

Month: MARCH 1994

706

1. *Leeking drums	Yes X	No
2. Adequate Location	Yes X	No
3. Doorway	Clear X	Blocked
4. Adequate Sealing of Containers	Yes X	No
5. Aisles	Clear X	Blocked
6. Liquid Inside Trench	Yes	No X
7. Entrance Ramp in Good Condition	Yes X	No
8. Exit Route	Clear X	Blocked
9. Warning Signs in Good Condition	Yes X	No
10. Fire Extinguisher	In Place X	Not In Place
	Inspected X	Not Inspected
11. Alarm System	Clear X	Blocked
12. Pellets in Good Condition	Yes X	No
13. Communication	Available X	Not Available
14. Concrete Pad in Good Condition	Yes X	No
15. Container I.D.	Legible X	Not Legible
	Complete X	Incomplete
16. Incompatible Wastes in Designated Area	Yes X	No

17. There was a small leak in drum 601-ddC 99.7% MeCl2, 0.3% H2O. Content was transferred to a new plastic drum and was identified once again on 04-05-94.

INVENTORY OF 706 WAREHOUSE

MONTH: MARCH 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-DL-11	1	01-31-94	1MON 27 DAYS
601-CPD PADS W TOL	1	02-03-94	1MON 24 DAYS
601-ddC-02	2	02-22-94	1MON 5 DAYS
601-ddC-07	1	02-22-94	1MON 5 DAYS
601-ddC-02	1	02-22-94	1MON 5 DAYS
601-ddC-06	2	02-23-94	1MON 4 DAYS
601-ddC-02	1	02-23-94	1MON 4 DAYS
601-ddC-02 MCL2	3	02-28-94	1MON
601-ddC-06 MCL2	10	02-28-94	1MON
601-ddC-07	3	02-28-94	1MON
601-ddC-08 MCL2	3	02-28-94	1MON
601-ddC-07	1	03-01-94	27 DAYS
601-LB-10	1	03-01-94	27 DAYS
601-ddC-06 MCL2	2	03-01-94	27 DAYS
601-DL MEOH 48%, MCL2 45%	19	03-01-94	27 DAYS
601-ddC-06 MCL2	1	03-02-94	26 DAYS
601-ddC-07	1	03-02-94	26 DAYS
601-DL-06 TOLUENE	1	03-02-94	26 DAYS
601-CPD-01	1	03-02-94	26 DAYS
601-ddC-ETOH 98%, H20, MCL2	1	03-02-94	26 DAYS
601-ddC-08 MCL2	1	03-02-94	26 DAYS
601-V-TOLUENE 99%, H20 0.1%	1	03-07-94	22 DAYS
601-V-06 TOLUENE	1	03-07-94	22 DAYS
601-ddC-MCL2 99.7%	14	03-07-94	22 DAYS
601-ddC TOLUENE 99.9%, H20 0.2%	5	03-09-94	19 DAYS
601-V MEK 99%, H20 0.4%, ETOH 0.2%, PIRRIDONE 0.1%	2	03-09-94	19 DAYS
601-CB-01	1	03-09-94	19 DAYS
601-V-06 TOLUENE	1	03-10-94	18 DAYS
601-PADS W TOLUENE	1	03-10-94	18 DAYS
501-PAINT/THINNER	1	03-11-94	17 DAYS
601-V-06 TOLUENE	1	03-14-94	14 DAYS

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: FEBRUARY 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
HAZARDOUS WASTE					
601-ddC-02	UN 1593	F-002	99.7% MECL2, 0.3% H20	POISON	56
601-CPD	UN 1294	F-005	ABS PADS W TOLUENE	FLAMMABLE	3
601-LB-09	UN 1993	D-001 F-003	54% ACETONE, 11% MEOH, 35% O.R.	FLAMMABLE	2
601-LB-05	UN 1993	F-003 F-005	35% ACETONE, 17% H20, 6% MEOH, 6% TOL, 36% O.R.	FLAMMABLE	1
601-DL-11	UN 1325	D-001	21% IPA, 4% HYFLO SUPERCELL, 39% CHARCOAL NORIT	FLAMMABLE	1
601-CB	UN 1170	D-001	ETHANOL	FLAMMABLE	13
601-V	UN 1170	D-001	ETHANOL	FLAMMABLE	2
601-AM	UN 1219	D-001	IPA	FLAMMABLE	1
601-CL	UN 1170	D-001	ETHANOL	FLAMMABLE	26
601-ddC	UN 1593	F-002	METHYLENE CHLORIDE	POISON	32
601-CL	UN 1294	F-005	TOLUENE	FLAMMABLE	5
601-ddC	UN 1230	F-003	METHANOL	FLAMMABLE	1
601-CL	UN 1193	F-005	METHYL ETHYL KETONE	FLAMMABLE	1
601-CL-01	UN 1993	D-001 D-003 F-005	ETHANOL, PYRIDINE, H20 & TOLUENE	FLAMMABLE	1
601-CL	UN 1593	F-002	METHYLENE CHLORIDE	POISON	2
601-CPD	UN 1993	D-001 F-003	CENTRIFUGE PADS & FILTERS, ABS PADS W SOLV.	FLAMMABLE	1
601-CPD-01	UN 1294	F-005	TOLUENE STILL BOTTOM	FLAMMABLE	11
601-CPD	UN 1593	F-002	METHYLENE CHLORIDE	POISON	2
601-V-06	UN 1294	F-005	TOLUENE STILL BOTTOM, O.R.	FLAMMABLE	2
601-DL-15	UN 1219	D-001	37% IPA, 67% H20, 62.33% O.R.	FLAMMABLE	12
601-DL	UN 1219	D-001	96.2% IPA, 3.8% H20	FLAMMABLE	4
601-CPD	UN 1170	D-001	95.2% ETOH, 4.8% H20	FLAMMABLE	1

ENVIRONMENTAL CONTROL DEPARTMENT
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: FEBRUARY 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
601-CPD	UN 1170	D-001	95.4% ETOH, 4.6% H20	FLAMMABLE	4
601-CPD	UN 1170	D-001	95.3% ETOH, 4.7% H20	FLAMMABLE	1
LAB-01	UN 1993	D-001 F-002 F-003 F-005	LAB SOLVENT WASTE	FLAMMABLE	3
601-V	UN 1593	F-002	99.25% MECL2	POISON	55
601-DL	UN 1593	F-002	99.4% MECL2	POISON	21
601-V	UN 1993	F-002 F-003	48.7% MEOH, 45.3% MECL2, 6.0% H20	POISON FLAMMABLE	4
601-ddC-08	UN 1593	F-002	99.9% MECL2, 0.05% H20	POISON	6
601-ddC-06	UN 1593	F-002	82.4% MECL2, 17.5% O.R., 0.1% H20	POISON	24
601-V	UN 1294	F-005	96.0% TOL, 4% AMMONIA, 0.07% H20	FLAMMABLE	4
601-V	UN 1294	F-005	90.5% TOL, 9.5% H20	FLAMMABLE	12
601-CB	UN 1170	D-001	92.3% ETOH, 7.7% H20	FLAMMABLE	6
601-DL-10	UN 1325	D-001	69% POTASSIUM BROMIDE, 11% IPA, 64% CHARCOAL NORIT, 13.6% HYFLO	FLAMMABLE	7
601-DL-09	UN 1593	F-002	1% MECL2, 25% HYFLO, 4% H20, 70% AMMONIUM BROMIDE	POISON	10
601-ddC-07	UN 1993	D-001	75.2% ETOH, 8.7% O.R., 16.1% N-METHYL/PIROLIDENE	FLAMMABLE	5
601-ddC-03	UN 1993	F-002	25.3% MECL2, 49.4% ZINC DUST, 25.3% HYFLO SUPERCELL	POISON	2
601-ddC-04	UN 1993	F-002	50% MECL2, 50% SOLKA FLOC	POISON	1
601-DL-16	UN 1993	D-001 F-003	92.8% IPA, 7.0% MEOH, 0.2% O.R.	POISON	18

HAZARDOUS WASTE FOR RECOVERY

601-V	UN 1170	D-001	ETHANOL	FLAMMABLE	32
601-LB	UN 1170	D-001	ETHANOL	FLAMMABLE	3
601-CB	UN 1170	D-001	ETHANOL	FLAMMABLE	2
601-DL	UN 1219	D-001	IPA	FLAMMABLE	8

'VIRONMENTAL CONTROL DEPARTME
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: FEBRUARY 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
601-CD	UN 1170	D-001	EHTANOL	FLAMMABLE	1
601-V	UN 1293	F-005	TOLUENE	FLAMMABLE	8
601-CL	UN 1170	D-001	ETHANOL	FLAMMABLE	5
601-DL	UN 1230	F-003	METHANOL	FLAMMABLE	1
NON-HAZARDOUS WASTE					
201	NOS	NOS	SPENT OIL	N/H	1
502	NOS	NOS	ABS. PADS W OIL AND KEROSENE	N/H	3
502	NOS	NOS	SPENT OIL	N/H	1

TOTAL DRUMMED HAZARDOUS WASTE : 363

TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY: 60

TOTAL DRUMMED NON-HAZARDOUS WASTE: 5

Hazardous Waste Storage Facility Check List

Month: FEBRUARY 1994

706

1. *Leaking drums	Yes	No X
2. Adequate Location	Yes X	No
3. Doorway	Clear X	Blocked
4. Adequate Sealing of Containers	Yes X	No
5. Aisles	Clear X	Blocked
6. Liquid Inside Trench	Yes	No X
7. Entrance Ramp in Good Condition	Yes X	No
8. Exit Route	Clear X	Blocked
9. Warning Signs in Good Condition	Yes X	No
10. Fire Extinguisher	In Place X	Not In Place
	Inspected X	Not Inspected
11. Alarm System	Clear X	Blocked
12. Pallets in Good Condition	Yes X	No
13. Communication	Available X	Not Available
14. Concrete Pad in Good Condition	Yes X	No
15. Container I.D.	Legible X	Not Legible
	Complete X	Incomplete
16. Incompatible Wastes in Designated Area	Yes X	No

17. _____

MONTH: FEBRUARY 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-CL ETHANOL	3	08-11-93	5MONS 17 DAYS
601-LB ETHANOL	2	09-01-93	4MONS 25 DAYS
601-LB ETHANOL	3	09-03-93	4MONS 23 DAYS
601-CL ETHANOL	2	09-09-93	4MONS 17 DAYS
601-LB METHANOL	1	09-09-93	4MONS 17 DAYS
601-LB METHANOL	3	09-10-93	4MONS 16 DAYS
601-CL ETHANOL	16	09-13-93	4MONS 13 DAYS
601-CL METHANOL	29	11-20-93	2MON 8 DAYS
601-V ETHANOL	32	02-03-94	24 DAYS
601-LB ETHANOL	3	02-03-94	24 DAYS
601-CB ETHANOL	2	02-03-94	24 DAYS
601-DL IPA	8	02-03-94	24 DAYS
601-CD ETHANOL	1	02-03-94	24 DAYS
601-V TOLUENE	8	02-03-94	24 DAYS
601-CL ETHANOL	5	02-03-94	24 DAYS
601-DL METHANOL	1	02-03-94	24 DAYS
TOTAL HAZARDOUS WASTE FOR RECOVERY	119		

INVENTORY OF 706 WAREHOUSE

MONTH: FEBRUARY 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
501-PAINT, THINNER & KEROSENE	1	09-02-93	5MONS 24 DAYS
501-PAINT, THINNER & KEROSENE	2	12-30-93	2MONS 1 DAY
601-DL-09	4	01-19-94	1MONTH 12 DAYS
601-CPD-CENTRIFUGE PADS, CARTRIDGE FILTERS, ABS PADS W ACETONE, MECL2, ETHANOL	1	01-20-94	1MONTH 11 DAYS
601-CPD ABS PADS W TOL	1	01-31-94	27 DAYS
601-LB-05	1	01-31-94	27 DAYS
601-DL-11	1	01-31-94	27 DAYS
601-CPD ABS PADS, FILTER CARTRIDGES, CENTRIFUGE PADS	1	02-03-94	24 DAYS
601-CPD PADS W TOL	1	02-03-94	24 DAYS
601-DL 96.2% IPA, 3.8% H20	4	02-09-94	18 DAYS
601-CPD PADS W TOL	1	02-11-94	16 DAYS
601-V 90.5% TOL, 9.5% H20	8	02-15-94	12 DAYS
601-CB 92.3% ETOH, 7.7% H20	6	02-17-94	10 DAYS
601-DL-15	1	02-15-94	12 DAYS
601-DL-10	7	02-16-94	11 DAYS
601-DL-09	10	02-16-94	11 DAYS
LAB-01	1	02-18-94	9 DAYS
601-ddC-02	2	02-22-94	5 DAYS
601-ddC-07	1	02-22-94	5 DAYS
601-ddC-03	1	02-22-94	5 DAYS
601-ddC-02	1	02-22-94	5 DAYS
601-ddC-07	4	02-23-94	4 DAYS
601-ddC-06	2	02-23-94	4 DAYS
601-ddC-02	1	02-23-94	4 DAYS
601-ddC-03	1	02-23-94	4 DAYS
601-ddC-04	1	02-23-94	4 DAYS
601-DL-16	18	02-24-94	3 DAYS
TOTAL HAZARDOUS WASTE	83		

M-94007 02/09/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-CL ETOH	12	HAZARDOUS
601-CL-01 ETOH	1	HAZARDOUS
601-CB ETOH	9	HAZARDOUS
601-VL ETOH	1	HAZARDOUS
601-V ETOH	1	HAZARDOUS
201-PH-02 SOLV. RES.	1	HAZARDOUS
LAB-01 LAB SOLV. WASTE	6	HAZARDOUS
601-CPD-01 TOLUENE	5	HAZARDOUS
601-LB METHANOLIC SOL.	1	HAZARDOUS
601-CB-01 70% MEOH, 25% O-XYLENE, 5% ETOH	1	HAZARDOUS
601-AM 89.3% IPA, 2.9% TOL, 7.4% H2O	3	HAZARDOUS
601-LB-09 54% ACETONE, 11% MEOH, 35% O.R.	1	HAZARDOUS
601-CPD ACETONE W PAINT	1	HAZARDOUS
401-LAB CHLOROFORM	1	HAZARDOUS
501- PAINT, THINNER & KEROSENE	1	HAZARDOUS
TOTAL DRUMS	45	

M-94008 02/10/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-CL TOLUENE	5	HAZARDOUS
601-CPD-01 TOLUENE	1	HAZARDOUS
601-CPD TOLUENE	3	HAZARDOUS
601-V-06 TOLUENE	2	HAZARDOUS
601-DL-06 65% TOL, 35% O.R.	1	HAZARDOUS
601-CL ETOH	11	HAZARDOUS
601-CB ETOH	6	HAZARDOUS
LAB-01 LAB SOLV. WASTE	6	HAZARDOUS
601-CL MEOH	4	HAZARDOUS
601-ddC MEOH	1	HAZARDOUS
601-LB METHANOLIC SOL.	1	HAZARDOUS
601-DL-09 54% ACETONE, 11% MEOH, 35% O.R.	2	HAZARDOUS
601-AM IPA	1	HAZARDOUS
601-CPD IPA	1	HAZARDOUS
201-PH-02 SOLV. RES.	1	HAZARDOUS
601-CL METHYL ETHYL KETONE	1	HAZARDOUS
601-MECL2	1	HAZARDOUS
TOTAL DRUMS	48	

M-94009 02/15/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-ddC ETOH (WFR)	16	HAZARDOUS
601-CPD 95.4% ETOH, 4.6% H20	3	HAZARDOUS
601-ddC IPA	8	HAZARDOUS
601-DL-15 37% IPA, 67% H20, 63.33% O.R.	8	HAZARDOUS
601-CPD-01 TOLUENE	6	HAZARDOUS
LAB-01 LAB SOLV. WASTE	1	HAZARDOUS
TOTAL DRUMS	42	

M-94010 02/16/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-ddC MECL2 (WFR)	2	HAZARDOUS
601-ddC MECL2	2	HAZARDOUS
601-DL MECL2 99.4%	8	HAZARDOUS
601-V MECL2 99.25%	24	HAZARDOUS
601-ddC MECL2 99.7%	1	HAZARDOUS
TOTAL DRUMS	37	

M-94011 02/16/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-V MECL2 99.25%	30	HAZARDOUS
601-DL MECL2 99.4%	10	HAZARDOUS
TOTAL DRUMS	40	

M-94012 02/16/94 DESCRIPTION	AMOUNT	HAZARDOUS OR NON-HAZARDOUS
601-ddC-02 MECL2 99.7%	30	HAZARDOUS
601-DL MECL2 99.4%	1	HAZARDOUS
601-V MECL2 99.25%	1	HAZARDOUS
601-ddC-06 MECL2 82.4%	7	HAZARDOUS
501 SPENT OIL	1	N/H
TOTAL DRUMS	40	

EN RONMENTAL CONTROL DEPARTMI
Roche Products Inc.
Manatí, Puerto Rico

DRUMMED WASTE MONTHLY REPORT

MONTH: ENERO 1994

CODIFICATION DATA

RPI	DOT	RCRA	DESCRIPTION	SPECIAL PRECAUTIONS	QTY
DRUMMED HAZARDOUS WASTE					
601-CPD	1993	F-003 D-001	PAÑOS DE CENTRIFUGAS FILTROS DE CARTUCHOS PAPEL ABSORBENTE	FLAMMABLE SOLID	2
601-CPD	1219	D-001	ISOPROPLY ALCOHOL	FLAMMABLE	1
LAB-01	1993	F-005 F-002 F-003 D-001	LAB SOLVENT WASTE	FLAMMABLE	1
LAB-01	1993	F-002 F-003 D-001 F-005	LAB SOLVENT WASTE	FLAMMABLE	1
601-DL-09	1593	F-002	25% HYFLO SUPERCELL, 70% AMMONIUM BROMIDE, 4% H20, MECL2	POISON	4
601-CPD	1294	F-005	TOLUENE	FLAMMABLE	3
601-CPD	1993	F-003 D-001	PAÑOS CENTRIFUGA, FLITROS DE CARTUCHOS, PAPEL ABSORBENTES CON ACETONA, MEOH, ETHANOL	FLAMMABLE SOLID	1
LAB-01	1993	F-002 F-003 F-005 D-001	LAB. SOLVENT WASTE	FLAMMABLE	1
501	NOS	NOS	SPENT OIL	N/H	1
701	NOS	NOS	SPENT OIL	N/H	1

TOTAL DRUMMED HAZARDOUS WASTE :	14 DRUMS
TOTAL DRUMMED HAZARDOUS WASTE FOR RECOVERY:	0 DRUMS
TOTAL DRUMMED NON-HAZARDOUS WASTE:	2 DRUMS

MONTH: JANUARY 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-LB-07	2	08-17-93	5MONS 11 DAYS
501-PAINT, THINNER & KEROSENE	2	09-02-93	4MONS 24 DAYS
LAB-01	1	09-03-93	4MONS 23 DAYS
601-LB-05	1	09-08-93	4MONS 18 DAYS
601-CENTRIFUGE PADS, CARTRIDGE FILTERS, ABS PADS	1	09-09-93	4MONS 17 DAYS
601-CENTRIFUGE PADS, CARTRIDGE FILTERS, ABS PADS	1	09-15-93	4MONS 11 DAYS
601-LB-05	1	09-20-93	4MONS 6 DAYS
201-PH-02	1	09-21-93	4MONS 5 DAYS
601-ABS PADS W TOLUENE	1	09-21-93	4MONS 5 DAYS
LAB-01	1	09-22-93	4MONS 4 DAYS
601-ABS PADS W ACETONE	2	09-27-93	4MONS 3 DAYS
LAB-01	1	10-01-93	4MONS
601-LB-08	3	10-07-93	3MONS 24 DAYS
601-ABS PADS, CARTRIDGE FILTER, CENTRIFUGE PADS	1	10-07-93	3MONS 24 DAYS
601-LB-05	1	10-07-93	3MONS 24 DAYS
LAB-01	1	10-18-93	3MONS 13 DAYS
401-LAB	1	10-22-93	3MONS 9 DAYS
LAB-01	1	10-27-93	3MONS 4 DAYS
601-LB-05	4	10-27-93	3MONS 4 DAYS
601-LB-07	4	10-27-93	3MONS 4 DAYS
601-LB-10	1	10-27-93	3MONS 4 DAYS
LAB-01	1	11-03-93	2MONS 25 DAYS
201-PH-02	1	11-08-93	2MONS 20 DAYS
601-DL-06	1	11-10-93	2MONS 18 DAYS
601-CPD ABS PADS, CARTRIDGE FILTER, CENTRIFUGE PADS	1	11-10-93	2MONS 18 DAYS
LAB-01	1	11-12-93	3MONS 16 DAYS
601-CL 98.7% MECL2, 0.2% H20, 1.1% O.R.	2	11-19-93	2MONS 9 DAYS
601-CPD ABS PADS, CARTRIDGE FILTER, CENTRIFUGE PADS	1	11-29-93	2MONS 2 DAYS

INVENTORY OF 706 WAREHOUSE

MONTH: JANUARY 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-LB-07	5	04-27-93	9MONS 5 DAYS
601-LB-05	2	04-30-93	9MONS 2 DAYS
601-LB-07	3	04-30-93	9MONS 2 DAYS
601-LB-07	1	05-05-93	8MONS 25 DAYS
601-LB-07	2	05-12-93	8MONS 18 DAYS
601-LB-07	2	05-18-93	8MONS 12 DAYS
601-LB-07	1	05-20-93	8MONS 10 DAYS
601-CL-06	1	05-25-93	8MONS 5 DAYS
601-LB-07	3	05-27-93	8MONS 3 DAYS
601-LB-07	4	06-01-93	7MONS 26 DAYS
601-LB-08	4	06-03-93	7MONS 24 DAYS
601-LB-07	4	06-08-93	7MONS 19 DAYS
601-LB-08	3	06-14-93	7MONS 13 DAYS
601-LB-07	2	06-15-93	7MONS 12 DAYS
601-LB-07	1	06-21-93	7MONS 6 DAYS
601-LB-08	3	06-23-93	7MONS 4 DAYS
601-CL-06	1	07-02-93	7MONS
601-LB-08	1	07-13-93	6MONS 20 DAYS
601-LB-07	2	07-14-93	6MONS 19 DAYS
601-LB-08	7	07-19-93	6MONS 14 DAYS
601-LB-07	1	07-23-93	6MONS 10 DAYS
601-CL-06	1	07-23-93	6MONS 10 DAYS
601-LB-08	2	08-04-93	5MONS 24 DAYS
601-CPD-01	4	08-10-93	5MONS 18 DAYS
601-LB 95.6% METHANOLIC SOL, 4.4% O.R.	4	08-10-93	5MONS 18 DAYS
601-CPD CENTRIFUGE PADS, ABS PADS, CARTRIDGE FILTERS	1	08-10-93	5MONS 18 DAYS
601-CPD ABS PADS W TOL	1	08-10-93	5MONS 18 DAYS
601-LB-08	5	08-17-93	5MONS 11 DAYS

MONTH: JANUARY 1994 HAZARDOUS WASTE CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-CPD PADS W TOLUENE	1	11-29-93	2MONS 2 DAYS
601-LB-08	3	11-29-93	2MONS 2 DAYS
LAB-01	1	12-01-93	1MON 30 DAYS
601-AM 89.3% IPA, 2.9% TOL, 7.4% H20	3	12-02-93	1MON 29 DAYS
LAB-01	1	12-08-93	1MON 23 DAYS
601-CPD-01	1	12-20-93	1MON 11 DAYS
601-CPD PADS W TOLUENE	1	12-20-93	1MON 11 DAYS
601-LB-09	1	12-20-93	1MON 11 DAYS
601-CPD ACETONE W PAINT	1	12-20-93	1MON 11 DAYS
601-CB-01	1	12-20-93	1MON 11 DAYS
601-CPD 1.1% O.R., 0.20% H20, 98.7% MECL2	1	12-20-93	1MON 11 DAYS
LAB-01	1	12-21-93	1MON 10 DAYS
501-PAINT, THINNER & KEROSENE	2	12-30-93	1MON 1 DAY
601-CPD PAÑOS DE CENTRIGUA FILTROS DE CARTUCHOS PAPEL ABSORBENTE	2	1-4-94	27 DAYS
601-CPD-ISOPROPLY ALCOHOL	1	1-4-94	27 DAYS
LAB-01	1	1-5-94	26 DAYS
LAB-01	1	1-19-94	12 DAYS
601-DL-09	4	1-19-94	12 DAYS
601-CPD TOLUENE RESIDUES TK-109	3	1-20-94	11 DAYS
601-CPD-PAÑOS DE CENTRIFUGAS FILTROS DE CARTUCHOS PAPEL ABSORBENTES CON ACENTONA, MECL2, ETHANOL	1	1-20-94	11 DAYS
lAB-01	1	1-26-94	5 DAYS
TOTAL HAZARDOUS WASTE	143		

MONTH: ENERO 1994

HAZARDOUS WASTE FOR RECOVERY

CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
TOTAL HAZARDOUS WASTE FOR RECOVERY			

MONTH: ENERO 1994 HAZARDOUS WASTE FOR RECOVERY CODIFICATION	AMOUNT	DATE RECEIVED	ACCUMULATION TIME
601-METHYLENE CHLORIDE	21	06-10-93	6MONS 17 DAYS
601-METHYLENE CHLORIDE	3	06-14-93	6MONS 13 DAYS
601-CL ETHANOL	3	08-11-93	4MONS 17 DAYS
601-LB ETHANOL	2	09-01-93	3MONS 25 DAYS
601-LB ETHANOL	3	09-03-93	3MONS 23 DAYS
601-CL ETHANOL	2	09-09-93	3MONS 17 DAYS
601-LB METHANOL	1	09-09-93	3MONS 17 DAYS
601-LB METHANOL	3	09-10-93	3MONS 16 DAYS
601-CL ETHANOL	16	09-13-93	3MONS 13 DAYS
601-ddC ETHANOL	12	09-27-93	3MONS 3 DAYS
601-ddC ETHANOL	12	09-28-93	3MONS 2 DAYS
601-CL MECL2	4	10-27-93	2MONS 4 DAYS
601-CL ETHANOL	3	10-27-93	2MONS 4 DAYS
601-ddC ETHANOL	2	10-27-93	2MONS 4 DAYS
601-CL METHANOL	33	11-20-93	1MON 8 DAYS
601-ddC ETHANOL	12	12-21-93	10 DAYS
601-ddC MECL2	2	12-29-93	3 DAYS
TOTAL HAZARDOUS WASTE FOR RECOVERY	134		

Hazardous Waste Storage Facility Check List

Month: Enero 1994

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1. Leaking drums	Yes___	No X
2. Adequate Location	Yes X	No ___
3. Doorway	Clear X	Blocked___
4. Adequate Sealing of Containers	Yes X	No ___
5. Aisles	Clear X	Blocked___
6. Liquid Inside Trench	Yes ___	No X
7. Entrance Ramp in Good Condition	Yes X	No ___
8. Exit Route	Clear X	Blocked___
9. Warning Signs in Good Condition	Yes X	No ___
10. Fire Extinguisher	In Place X	Not In Place ___
	Inspected X	Not Inspected___
11. Alarm System	Clear X	Blocked ___
12. Pallets in Good Condition	Yes X	No ___
13. Communication	Available X	Not Available ___
14. Concrete Pad in Good Condition	Yes X	No ___
15. Container I.D.	Legible X	Not Legible ___
	Complete X	Incomplete ___
16. Incompatible Wastes in Designated Area	Yes X	No ___

17. Comments: _____

_____

_____

Form Approved OMB No.: [illegible]

☐ VOLUNTARY REVISION

Approval Expires: 01/91

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach sanitization forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 87

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached document and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in the report are accurate based on reasonable estimates using data available to the preparers of the report.

Name and official title of owner/operator or senior management official:

Mr. Lawrence Mascera - President and General Manager

Signature: Lawrence Mascera Date signed: 6/23/94

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name: Roche Products Inc.

Street Address: State Road #670 Km. 2.7

City: Manatí County:

State: Puerto Rico Zip Code: 00674

TRI Facility Identification Number: 00701RCHPRSTATE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Teresa H. Pérez — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Héctor Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. NA c. d. e. f.

3.6 Latitude: Degrees 18, Minutes 25, Seconds 50 — Longitude: Degrees 66, Minutes 28, Seconds 00

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. NA

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. NA

3.9 NPDES Permit Number(s): a. NA b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. NA b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. NA b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: Roche Holdings Inc.

4.2 Parent Company's Dun & Bradstreet Number: NA

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name	1.2 POTW name
NA	
Street Address	Street Address
City / County	City / County
State / Zip	State / Zip

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE)

2.1 Off-site location name	2.2 Off-site location name
NA	
EPA Identification Number (RCRA ID. No.)	EPA Identification Number (RCRA ID. No.)
Street Address	Street Address
City / County	City / County
State / Zip	State / Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No	Is location under control of reporting facility or parent company? [ ] Yes [ ] No

2.3 Off-site location name	2.4 Off-site location name
EPA Identification Number (RCRA ID. No.)	EPA Identification Number (RCRA ID. No.)
Street Address	Street Address
City / County	City / County
State / Zip	State / Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No	Is location under control of reporting facility or parent company? [ ] Yes [ ] No

2.5 Off-site location name	2.6 Off-site location name
EPA Identification Number (RCRA ID. No.)	EPA Identification Number (RCRA ID. No.)
Street Address	Street Address
City / County	City / County
State / Zip	State / Zip
Is location under control of reporting facility or parent company? [ ] Yes [ ] No	Is location under control of reporting facility or parent company? [ ] Yes [ ] No

[ ] Check if additional pages of Part II are attached. How many? _____

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	(Reserved)
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.) 91-20-3
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) NAPHTHALENE
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.) -or-

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

2. Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (i.e., numbers, letters, spaces, punctuation).)

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

			If produce or import:			
3.1	Manufacture the chemical:	a. [ ] Produce		c. [ ] For on-site use/processing	d. [ ] For sale/ distribution	
		b. [ ] Import		e. [ ] As a byproduct	f. [ ] As an impurity	
3.2	Process the chemical:	a. [ ] As a reactant		b. [ ] As a formulation component	c. [ ] As an article component	
		d. [ ] Repackaging only				
3.3	Otherwise use the chemical:	a. [ ] As a chemical processing aid		b. [ ] As a manufacturing aid	c. [X] Ancillary or other use	

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][3] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [ ]	0	5.1b [0]	
5.2 Stack or point air emissions	5.2a	[ ] [ ] [ ]	0	5.2b [0]	
5.3 Discharges to receiving streams or water bodies 5.3.1 [ ]	5.3.1a	[ ] [ ] [ ]	NA	5.3.1b [ ]	5.3.1c %
(Enter letter code for stream from Part I Section 3.10 in the box provided.) 5.3.2 [ ]	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection on-site	5.4a	[ ] [ ] [ ]	NA	5.4b [ ]	
5.5 Releases to land on-site	5.5.1a	[ ] [ ] [ ]	NA	5.5.1b [ ]	
5.5.1 Landfill	5.5.2a	[ ] [ ] [ ]		5.5.2b [ ]	
5.5.2 Land treatment/application farming	5.5.3a	[ ] [ ] [ ]		5.5.3b [ ]	
5.5.3 Surface impoundment	5.5.4a	[ ] [ ] [ ]		5.5.4b [ ]	
5.5.4 Other disposal					

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

(Important: Type or print; read instructions before completing form.)

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EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Transfers (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter RN from Part II, Section 1.1) [1]	[ ] [ ] [ ]	NA	6.1.1b [ ]	
6.2.1 Other off-site location (enter location number from Part II, Section 2.1) [2]	[ ] [ ] [ ]	NA	6.2.1b [ ]	6.2.1c [M] [ ] [ ]
6.2.2 Other off-site location (enter location number from Part II, Section 2.1) [2]	[ ] [ ] [ ]		6.2.2b [ ]	6.2.2c [M] [ ] [ ]
6.2.3 Other off-site location (enter location number from Part II, Section 2.1) [2]	[ ] [ ] [ ]		6.2.3b [ ]	6.2.3c [M] [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check if no on-site treatment is applied to any wastestream containing the chemical or chemical category.

A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes	F. Based on Operating Data? No
7.1a [ ]	7.1b [ ][ ][ ]	7.1c [ ]	7.1d [ ]	7.1e %	7.1f [ ]	[ ]
7.2a [ ]	7.2b [ ][ ][ ]	7.2c [ ]	7.2d [ ]	7.2e %	7.2f [ ]	[ ]
7.3a [ ]	7.3b [ ][ ][ ]	7.3c [ ]	7.3d [ ]	7.3e %	7.3f [ ]	[ ]
7.4a [ ]	7.4b [ ][ ][ ]	7.4c [ ]	7.4d [ ]	7.4e %	7.4f [ ]	[ ]
7.5a [ ]	7.5b [ ][ ][ ]	7.5c [ ]	7.5d [ ]	7.5e %	7.5f [ ]	[ ]
7.6a [ ]	7.6b [ ][ ][ ]	7.6c [ ]	7.6d [ ]	7.6e %	7.6f [ ]	[ ]
7.7a [ ]	7.7b [ ][ ][ ]	7.7c [ ]	7.7d [ ]	7.7e %	7.7f [ ]	[ ]
7.8a [ ]	7.8b [ ][ ][ ]	7.8c [ ]	7.8d [ ]	7.8e %	7.8f [ ]	[ ]
7.9a [ ]	7.9b [ ][ ][ ]	7.9c [ ]	7.9d [ ]	7.9e %	7.9f [ ]	[ ]
7.10a [ ]	7.10b [ ][ ][ ]	7.10c [ ]	7.10d [ ]	7.10e %	7.10f [ ]	[ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for codes and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	B. Prior year (pounds/year)	B. Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
[M]			[ ] + [ ] - %	[ ][ ]	[R]

(Important: Type or print; read instructions before completing form.)

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EPA FORM R
PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 11-499 500-999	A. Total Release (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. % From Stormwater
5.3 Discharges to receiving streams or water bodies	5.3.___ [ ] 5.3.___a [ ] [ ] [ ]		5.3.___b [ ]	5.3.___c %
(Enter letter codes for streams from Part I Section 3.10 in the box provided.)	5.3.___ [ ] 5.3.___a [ ] [ ] [ ]		5.3.___b [ ]	5.3.___c %
	5.3.___ [ ] 5.3.___a [ ] [ ] [ ]		5.3.___b [ ]	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 11-499 500-999	A. Total Transfers (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]		6.1.___b [ ]	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b [ ]	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b [ ]	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]	f	6.2.___b [ ]	6.2.___c M

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes	No
7.___a [ ]	7.___b [ ] [ ] [ ]	7.___c [ ]	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a [ ]	7.___b [ ] [ ] [ ]	7.___c [ ]	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a [ ]	7.___b [ ] [ ] [ ]	7.___c [ ]	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a [ ]	7.___b [ ] [ ] [ ]	7.___c [ ]	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a [ ]	7.___b [ ] [ ] [ ]	7.___c [ ]	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a [ ]	7.___b [ ] [ ] [ ]	7.___c [ ]	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a [ ]	7.___b [ ] [ ] [ ]	7.___c [ ]	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a [ ]	7.___b [ ] [ ] [ ]	7.___c [ ]	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a [ ]	7.___b [ ] [ ] [ ]	7.___c [ ]	7.___d [ ]	7.___e %	7.___f [ ]	[ ]

Form Approved OMB No.: [illegible]

Approval Expires: 01/91

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EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to OMB, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach substantiation forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 88

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in the report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

Mr. Lawrence Mascera - President and General Manager

Signature: Lawrence Mascera Date signed: 6/25/94

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name: Roche Products Inc.

Street Address: State Road #670 Km. 2.7

City: Manatí County:

State: Puerto Rico Zip Code: 00674

TRI Facility Identification Number: 00701RCHPRSTATE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Teresa H. Pérez — Telephone Number (Include area code): (809) 854-3020

3.4 Public Contact: Héctor Alvarez — Telephone Number (Include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. NA c. d. e. f.

3.6 Latitude: Degrees 18, Minutes 25, Seconds 50 — Longitude: Degrees 66, Minutes 28, Seconds 00

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. NA

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. NA

3.9 NPDES Permit Number(s): a. NA b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. NA b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. NA b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: Roche Holdings Inc.

4.2 Parent Company's Dun & Bradstreet Number: NA

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
NA			
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE)

2.1 Off-site location name		2.2 Off-site location name	
NA			
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?	[ ] Yes [ ] No	Is location under control of reporting facility or parent company?	[ ] Yes [ ] No

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?	[ ] Yes [ ] No	Is location under control of reporting facility or parent company?	[ ] Yes [ ] No

2.5 Off-site location name		2.6 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?	[ ] Yes [ ] No	Is location under control of reporting facility or parent company?	[ ] Yes [ ] No

[ ] Check if additional pages of Part II are attached. How many? _____

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1	[Reserved]
1.2	CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reserving a chemical category.) 91-20-3
1.3	Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.) NAPHTHALENE
1.4	Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.)

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (i.e., numbers, letters, spaces, punctuation).)

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	d. [ ] For sale/ distribution	e. [ ] As a byproduct	f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	b. [ ] As a formulation component	c [ ] As an article component	d. [ ] Repackaging only	
3.3	Otherwise use the chemical:	a. [ ] As a chemical processing aid	b. [ ] As a manufacturing aid	c. [X] Ancillary or other use		

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][3] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)

		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [ ]	0	5.1b [0]	
5.2 Stack or point air emissions	5.2a	[ ] [ ] [ ]	0	5.2b [ ]	
5.3 Discharges to receiving streams or water bodies (Enter letter code for stream from Part I Section 3.10 in the box provided.) 5.3.1 [ ]	5.3.1a	[ ] [ ] [ ]	NA	5.3.1b [ ]	5.3.1c %
5.3.2 [ ]	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection on-site	5.4a	[ ] [ ] [ ]	NA	5.4b [ ]	
5.5 Releases to land on-site 5.5.1 Landfill	5.5.1a	[ ] [ ] [ ]	NA	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ] [ ] [ ]		5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ] [ ] [ ]		5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ] [ ] [ ]		5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

(Important: Type or print; read instructions before completing form.)

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EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Transfers (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]	NA	6.1.1b [ ]	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]	NA	6.2.1b [ ]	6.2.1c M [ ] [ ]
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.2b [ ]	6.2.2c M [ ] [ ]
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.3b [ ]	6.2.3c M [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check if no on-site treatment is applied to any wastestream containing the chemical or chemical category.

A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.1a [ ]	7.1b [ ][ ][ ]	7.1c [ ]	7.1d [ ]	7.1e %	7.1f [ ] [ ]
7.2a [ ]	7.2b [ ][ ][ ]	7.2c [ ]	7.2d [ ]	7.2e %	7.2f [ ] [ ]
7.3a [ ]	7.3b [ ][ ][ ]	7.3c [ ]	7.3d [ ]	7.3e %	7.3f [ ] [ ]
7.4a [ ]	7.4b [ ][ ][ ]	7.4c [ ]	7.4d [ ]	7.4e %	7.4f [ ] [ ]
7.5a [ ]	7.5b [ ][ ][ ]	7.5c [ ]	7.5d [ ]	7.5e %	7.5f [ ] [ ]
7.6a [ ]	7.6b [ ][ ][ ]	7.6c [ ]	7.6d [ ]	7.6e %	7.6f [ ] [ ]
7.7a [ ]	7.7b [ ][ ][ ]	7.7c [ ]	7.7d [ ]	7.7e %	7.7f [ ] [ ]
7.8a [ ]	7.8b [ ][ ][ ]	7.8c [ ]	7.8d [ ]	7.8e %	7.8f [ ] [ ]
7.9a [ ]	7.9b [ ][ ][ ]	7.9c [ ]	7.9d [ ]	7.9e %	7.9f [ ] [ ]
7.10a [ ]	7.10b [ ][ ][ ]	7.10c [ ]	7.10d [ ]	7.10e %	7.10f [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for codes items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year)	Prior year (pounds/year)	Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M [ ]			[ ] + [ ] - %	[ ] [ ]	R [ ]

(Important: Type or print; read instructions before completing form.)

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EPA FORM R
PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4. 6.1.2. 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 11-499 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. % From Stormwater
5.3 Discharges to receiving streams or water bodies	5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
(Enter letter codes for stream from Part I Section 3.10 in the box provided.)	5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %
	5.3.___	5.3.___a [ ] [ ] [ ]		5.3.___b	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 11-499 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]		6.1.___b	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 3.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.___b	6.2.___c M

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes	No
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]
7.___a	7.___b	7.___c	7.___d [ ]	7.___e %	7.___f [ ]	[ ]

Form Approved OMB No.: [illegible]

☐ VOLUNTARY REVISION

Approval Expires: 01/91

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to OPPE, Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach sanitized form.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 89

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

Mr. Lawrence Mascera - President and General Manager

Signature: Lawrence Mascera Date signed: 6/23/94

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name: Roche Products Inc.

Street Address: State Road #670 Km. 2.7

City: Manatí County:

State: Puerto Rico Zip Code: 00674

TRI Facility Identification Number: 00701RCHPRSTATE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Teresa H. Pérez — Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Héctor Alvarez — Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. NA c. d. e. f.

3.6 Latitude: Degrees 18 Minutes 25 Seconds 50 — Longitude: Degrees 66 Minutes 28 Seconds 00

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. NA

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. NA

3.9 NPDES Permit Number(s): a. NA b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. NA b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. NA b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: Roche Holdings Inc.

4.2 Parent Company's Dun & Bradstreet Number: NA

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
NA			
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE)

2.1 Off-site location name		2.2 Off-site location name	
NA			
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?	[ ] Yes [ ] No	Is location under control of reporting facility or parent company?	[ ] Yes [ ] No

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?	[ ] Yes [ ] No	Is location under control of reporting facility or parent company?	[ ] Yes [ ] No

2.5 Off-site location name		2.6 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?	[ ] Yes [ ] No	Is location under control of reporting facility or parent company?	[ ] Yes [ ] No

[ ] Check if additional pages of Part II are attached. How many? _____

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R

PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1 [Reserved]

1.2 CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.)
91-20-3

1.3 Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.)
NAPHTHALENE

1.4 Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.)

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (e.g., numbers, letters, spaces, punctuation).)

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

3.1	Manufacture the chemical:	a. [ ] Produce	b. [ ] Import	If produce or import: c. [ ] For on-site use/processing	d. [ ] For sale/ distribution	e. [ ] As a byproduct	f. [ ] As an impurity
3.2	Process the chemical:	a. [ ] As a reactant	b. [ ] As a formulation component	c. [ ] As an article component	d. [ ] Repackaging only		
3.3	Otherwise use the chemical:	a. [ ] As a chemical processing aid	b. [ ] As a manufacturing aid	c. [X] Ancillary or other use			

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0] [3] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [ ]	0 *	5.1b [0]	
5.2 Stack or point air emissions	5.2a	[ ] [ ] [ ]	0	5.2b [0]	
5.3 Discharges to receiving streams or water bodies (Enter letter code for stream from Part I Section 3.10 in the box provided.) 5.3.1 [ ]	5.3.1a	[ ] [ ] [ ]	NA	5.3.1b [ ]	5.3.1c %
5.3.2 [ ]	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection on-site	5.4a	[ ] [ ] [ ]	NA	5.4b [ ]	
5.5 Releases to land on-site 5.5.1 Landfill	5.5.1a	[ ] [ ] [ ]	NA	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ] [ ] [ ]		5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ] [ ] [ ]		5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ] [ ] [ ]		5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART III. CHEMICAL-SPECIFIC INFORMATION (continued)

(This space for your optional use.)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. Type of Treatment/ Disposal (enter code)
6.1.1 Discharge to POTW (enter location number from Part II, Section 1.) 1	[ ] [ ] [ ]	NA	6.1.1b	
6.2.1 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]	NA	6.2.1b	6.2.1c M
6.2.2 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.2b	6.2.2c M
6.2.3 Other off-site location (enter location number from Part II, Section 2.) 2	[ ] [ ] [ ]		6.2.3b	6.2.3c M

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

7. WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check if no on-site treatment is applied to any wastestream containing the chemical or chemical category.

A. General Wastestream (enter code)	B. Treatment Method (enter code)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.1a	7.1b	7.1c	7.1d [ ]	7.1e %	7.1f [ ] [ ]
7.2a	7.2b	7.2c	7.2d [ ]	7.2e %	7.2f [ ] [ ]
7.3a	7.3b	7.3c	7.3d [ ]	7.3e %	7.3f [ ] [ ]
7.4a	7.4b	7.4c	7.4d [ ]	7.4e %	7.4f [ ] [ ]
7.5a	7.5b	7.5c	7.5d [ ]	7.5e %	7.5f [ ] [ ]
7.6a	7.6b	7.6c	7.6d [ ]	7.6e %	7.6f [ ] [ ]
7.7a	7.7b	7.7c	7.7d [ ]	7.7e %	7.7f [ ] [ ]
7.8a	7.8b	7.8c	7.8d [ ]	7.8e %	7.8f [ ] [ ]
7.9a	7.9b	7.9c	7.9d [ ]	7.9e %	7.9f [ ] [ ]
7.10a	7.10b	7.10c	7.10d [ ]	7.10e %	7.10f [ ] [ ]

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

8. POLLUTION PREVENTION: OPTIONAL INFORMATION ON WASTE MINIMIZATION

(Indicate actions taken to reduce the amount of the chemical being released from the facility. See the instructions for coded items and an explanation of what information to include.)

A. Type of Modification (enter code)	B. Quantity of the Chemical in Wastes Prior to Treatment or Disposal: Current reporting year (pounds/year) / Prior year (pounds/year) / Or percent change (Check (+) or (-))	C. Index	D. Reason for Action (enter code)
M	[ ] + [ ] - %		R

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART IV. SUPPLEMENTAL INFORMATION

Use this section if you need additional space for answers to questions in Part III. Number the lines used sequentially from lines in prior sections (e.g., 5.3.4, 6.1.2, 7.11)

(This space for your optional use.)

ADDITIONAL INFORMATION ON RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE (Part III, Section 5.3)

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Release (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. % From Stormwater
5.3 Discharges to receiving streams or water bodies	5.3.___ ☐ 5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
(Enter letter code for stream from Part I Section 3.10 in the box provided.)	5.3.___ ☐ 5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %
	5.3.___ ☐ 5.3.___a [ ] [ ] [ ]		5.3.___b ☐	5.3.___c %

ADDITIONAL INFORMATION ON TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS (Part III, Section 6)

You may report transfers of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)	A. Total Transfers (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A. Total Transfers (pounds/year) A.2 Enter Estimate	B. Basis of Estimate (enter code in box provided)	C. Type of Treatment/ Disposal (enter code in box provided)
6.1.___ Discharge to POTW (enter location number from Part II, Section 1.) 1 ☐	[ ] [ ] [ ]		6.1.___b ☐	
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐
6.2.___ Other off-site location (enter location number from Part II, Section 2.) 2 ☐	[ ] [ ] [ ]		6.2.___b ☐	6.2.___c M ☐☐

ADDITIONAL INFORMATION ON WASTE TREATMENT METHODS AND EFFICIENCY (Part III, Section 7)

A. General Wastestream (enter code in box provided)	B. Treatment Method (enter code in box provided)	C. Range of Influent Concentration (enter code)	D. Sequential Treatment? (check if applicable)	E. Treatment Efficiency Estimate	F. Based on Operating Data? Yes / No
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]
7.___a ☐	7.___b ☐☐☐	7.___c ☐	7.___d [ ]	7.___e %	7.___f [ ] [ ]

Form Approved OMB No.: [illegible]

Approval Expires: 01/91

(Important: Type or print; read instructions before completing form.)

EPA U.S. Environmental Protection Agency

TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM

Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act

Public reporting burden for this collection of information is estimated to vary from 30 to 34 hours per response, with an average of 32 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to OPPE Information Policy Branch (PM-223), US EPA, 401 M St., SW, Washington, D.C. 20460 Attn: TRI Burden and to the Office of Information and Regulatory Affairs, Office of Management and Budget Paperwork Reduction Project (2070-0093), Washington, D.C. 20503.

EPA FORM R

PART I. FACILITY IDENTIFICATION INFORMATION

(This space for your optional use.)

1. 1.1 Are you claiming the chemical identity on page 3 trade secret? [ ] Yes (Answer question 1.2; Attach sanitization forms.) [X] No (Do not answer 1.2; Go to question 1.3.)

1.2 If "Yes" in 1.1, is this copy: [ ] Sanitized [ ] Unsanitized

1.3 Reporting Year 19 90

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

Mr. Lawrence Mascera - President and General Manager

Signature: Lawrence Mascera Date signed: 6/23/94

3. FACILITY IDENTIFICATION

3.1 Facility or Establishment Name: Roche Products Inc.

Street Address: State Road #670 Km. 2.7

City: Manatí County:

State: Puerto Rico Zip Code: 00674

TRI Facility Identification Number: 00701RCHPRSTATE

WHERE TO SEND COMPLETED FORMS:

1. EPCRA REPORTING CENTER
P.O. BOX 23779
WASHINGTON, DC 20026-3779
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE (See instructions in Appendix G)

3.2 This report contains information for (Check only one): a. [X] An entire facility b. [ ] Part of a facility.

3.3 Technical Contact: Teresa H. Pérez Telephone Number (include area code): (809) 854-3020

3.4 Public Contact: Héctor Alvarez Telephone Number (include area code): (809) 854-3020

3.5 SIC Code (4 digit): a. 2834 b. NA c. d. e. f.

3.6 Latitude: Degrees 18 Minutes 25 Seconds 50 Longitude: Degrees 66 Minutes 28 Seconds 00

3.7 Dun & Bradstreet Number(s): a. 04-100-2210 b. NA

3.8 EPA Identification Number(s) (RCRA I.D. No.): a. PRD090584152 b. NA

3.9 NPDES Permit Number(s): a. NA b.

3.10 Receiving Streams or Water Bodies (enter one name per box): a. NA b. c. d. e. f.

3.11 Underground Injection Well Code (UIC) Identification Number(s): a. NA b.

4. PARENT COMPANY INFORMATION

4.1 Name of Parent Company: Roche Holdings Inc.

4.2 Parent Company's Dun & Bradstreet Number: NA

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART II. OFF-SITE LOCATIONS TO WHICH TOXIC CHEMICALS ARE TRANSFERRED IN WASTES

(This space for your optional use.)

1. PUBLICLY OWNED TREATMENT WORKS (POTWs)

1.1 POTW name		1.2 POTW name	
NA			
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip

2. OTHER OFF-SITE LOCATIONS (DO NOT REPORT LOCATIONS TO WHICH WASTES ARE SENT ONLY FOR RECYCLING OR REUSE)

2.1 Off-site location name		2.2 Off-site location name	
NA			
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?	[ ] Yes [ ] No	Is location under control of reporting facility or parent company?	[ ] Yes [ ] No

2.3 Off-site location name		2.4 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?	[ ] Yes [ ] No	Is location under control of reporting facility or parent company?	[ ] Yes [ ] No
2.5 Off-site location name		2.6 Off-site location name	
EPA Identification Number (RCRA ID. No.)		EPA Identification Number (RCRA ID. No.)	
Street Address		Street Address	
City	County	City	County
State	Zip	State	Zip
Is location under control of reporting facility or parent company?	[ ] Yes [ ] No	Is location under control of reporting facility or parent company?	[ ] Yes [ ] No

[ ] Check if additional pages of Part II are attached. How many? _____

(Important: Type or print; read instructions before completing form.)

EPA

EPA FORM R
PART III. CHEMICAL-SPECIFIC INFORMATION

(This space for your optional use.)

1. CHEMICAL IDENTITY (Do not complete this section if you complete Section 2.)

1.1 [Reserved]

1.2 CAS Number (Enter only one number exactly as it appears on the 313 list. Enter NA if reporting a chemical category.): 91-20-3

1.3 Chemical or Chemical Category Name (Enter only one name exactly as it appears on the 313 list.): NAPHTHALENE

1.4 Generic Chemical Name (Complete only if Part I, Section 1.1 is checked "Yes." Generic name must be structurally descriptive.):

2. MIXTURE COMPONENT IDENTITY (Do not complete this section if you complete Section 1.)

Generic Chemical Name Provided by Supplier (Limit the name to a maximum of 70 characters (i.e., numbers, letters, spaces, punctuation).):

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply.)

			If produce or import:		
3.1	Manufacture the chemical:	a. [ ] Produce b. [ ] Import	c. [ ] For on-site use/processing e. [ ] As a byproduct	d. [ ] For sale/distribution f. [ ] As an impurity	
3.2	Process the chemical:	a. [ ] As a reactant d. [ ] Repackaging only	b. [ ] As a formulation component	c. [ ] As an article component	
3.3	Otherwise use the chemical:	a. [ ] As a chemical processing aid	b. [ ] As a manufacturing aid	c. [X] Ancillary or other use	

4. MAXIMUM AMOUNT OF THE CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

[0][3] (enter code)

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT ON-SITE

You may report releases of less than 1,000 pounds by checking ranges under A.1. (Do not use both A.1 and A.2)

		A. Total Release (pounds/year) A.1 Reporting Ranges 1-10 / 11-499 / 500-999	A.2 Enter Estimate	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1 Fugitive or non-point air emissions	5.1a	[ ] [ ] [ ]	0	5.1b [0]	
5.2 Stack or point air emissions	5.2a	[ ] [ ] [ ]	0	5.2b [0]	
5.3 Discharges to receiving streams or water bodies (Enter letter code for stream from Part I, Section 6.10 in the box provided.) 5.3.1 [ ]	5.3.1a	[ ] [ ] [ ]	NA	5.3.1b [ ]	5.3.1c %
5.3.2 [ ]	5.3.2a	[ ] [ ] [ ]		5.3.2b [ ]	5.3.2c %
5.3.3 [ ]	5.3.3a	[ ] [ ] [ ]		5.3.3b [ ]	5.3.3c %
5.4 Underground injection on-site	5.4a	[ ] [ ] [ ]	NA	5.4b [ ]	
5.5 Releases to land on-site					
5.5.1 Landfill	5.5.1a	[ ] [ ] [ ]	NA	5.5.1b [ ]	
5.5.2 Land treatment/application farming	5.5.2a	[ ] [ ] [ ]		5.5.2b [ ]	
5.5.3 Surface impoundment	5.5.3a	[ ] [ ] [ ]		5.5.3b [ ]	
5.5.4 Other disposal	5.5.4a	[ ] [ ] [ ]		5.5.4b [ ]	

[ ] (Check if additional information is provided on Part IV-Supplemental Information.)

Roche Products

Roche Products Inc.
State Road 670 - Km. 2.7
P.O. Box 452
Manatí, Puerto Rico 00674-0452

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

February 28, 1995

Mr. Héctor Russe, Chairman
State Emergency Planning Commission
Environmental Quality Board
P.O. Box 11488
Santurce, Puerto Rico 00910

Re: Roche Products Inc.
State Road 670 Km 2.7
Manatí, Puerto Rico 00674

Dear Mr. Russe:

As required by the Superfund Amendments and Reauthorization Act (SARA) of 1986, Section 312, we are submitting the Tier I and Tier II forms.

If you have any questions, please contact me at (809) 854-3020 ext. 2203.

On behalf of
ROCHE PRODUCTS INC.,

Eng. Teresa H. Pérez
Regulatory Affairs Coordinator

RPI No. 4395

xc: Local Emergency Planning Committee, Arecibo Region
Manatí Fire Department

1 of 1 pages

Revised June 1990

Approved OMB No. 2050-0072

Tier One

EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Aggregate Information by Hazard Type

FOR OFFICIAL USE ONLY — ID # — Date Received

Important: Read instructions before completing form

Reporting Period — From January 1 to December 31, 19__

Facility Identification

Name: Roche Products Inc.
Street: State Road No. 670 Km. 2.7
City: Manati County: _____ State: PR Zip: 00674

SIC Code: 2834 Dun & Brad Number: 04-100-2210

Emergency Contacts

Name: Mr. Edgardo Hernandez
Title: Safety Supervisor
Phone: (809) 854-3020
24 Hour Phone: (809) 760-8585 Unit 123-4412

Name: Eng. Migdoel Rodriguez
Title: Env. Operations Manager
Phone: (809) 854-3020
24 Hour Phone: (809) 760-8585 U. 123-5501

Owner/Operator

Name: Mr. Lawrence Mascera
Mail Address: P.O. Box 452, Manati, PR 00674
Phone: (809) 854-3020

☐ Check if information below is identical to the information submitted last year.

☒ Check if site plan is attached

Physical Hazards

Hazard Type	Max Amount*	Average Daily Amount*	Number of Days On-Site	General Location
Fire	06	06	365	Tank Farm (Bldg. 602), Chemical Storage Bldg. (Bldg. 302). Between Bldg. 502 and Cooling Tower (Bldg. 705). Drum Storage Area (Bldg. 303) Kerosene Tanks (North Side Bldg. 502), Gasoline Tank (South Side Bldg. 503), Chlorine Stor. Area (Bdg. 704); HW Storage (Bdg. 706).
Sudden Release of Pressure	04	03	365	Chemical Storage (Bldg. 302), between bldg. 502 and Cooling Tower (Bldg. 705); Drum Storage Area (Bldg. 303, Chlorine Storage Room (Bldg. 704); Nitrogen Tank (North Side Bldg. 601).
Reactivity	05	04	365	Chemical Storage (Bldg. 302). Tank Farm (Bldg. 602), between Bldg. 502 and Cooling Tower (Bldg. 705); Drum Storage Area (Bldg. 303); Chlorine Storage Room (Bldg. 704)

Health Hazards

Immediate (acute)	06	06	365	Tank Farm (Bldg. 602); Chemical Storage Area (Bldg. 302), between Bldg. 502 and Cooling Tower (Bldg. 705); Drum Storage Area (Bldg. 303) Kerosene Tank (North Side Bldg. 502), Gasoline Tank (South Side Bldg. 503), Nitrogen Tank (North Side Bldg. 601); Chlorine Storage (Bldg. 704); Haz. Waste Storage (Bldg. 706).
Delayed (Chronic)	06	06	365	Gasoline Tank (South Side Bldg. 503), Tank Farm (Bldg. 602); Chemical Stor. (Bldg. 302); Haz. Waste Stor. Area (Bldg. 706); Kerosene Tank (North Side Bldg. 501).

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Lawrence Mascera - President & General Manager
Name and official title of owner/operator OR owner/operator's authorized representative

Lawrence Mascera 2/27/95
Signature Date signed

* Reporting Ranges

Range Code	Weight Range in Pounds From...	To...
01	0	99
02	100	999
03	1000	9,999
04	10,000	99,999
05	100,000	999,999
06	1,000,000	9,999,999
07	10,000,000	49,999,999
08	50,000,000	99,999,999
09	100,000,000	499,999,999
10	500,000,000	999,999,999
11	1 billion	higher than 1 billion

BILLING CODE 6560-50-C

...ne 1990

Form Approved OMB No. 2050-0072

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: ROCHE PRODUCTS INC.
Street: State Road 670 Km. 2.7
City: Manatí County: _____ State: PR Zip: 00674

SIC Code: 2834 Dun & Bradstreet Number: 04-100-2210

FOR OFFICIAL USE ONLY — Date Received:

Owner/Operator Name

Name: Mr Lawrence Mascera Phone: (809 854-3020
Mail Address: P.O. Box 452 Manatí, PR 00674

Emergency Contact

Name: Edgardo Hernández Title: Safety Supervisor
Phone: (809 854-3020 24 Hr. Phone: 809-760-8585 (123-44

Name: Migdoel Rodríguez Title: Env. Operations Mana
Phone: (809)854-3020 24 Hr. Phone: 809-760-8585 (123-55

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19__

☐ Check if information below is identical to the information submitted last year.

Chemical Description

CAS: 0 0 7 6 4 9 3 9 Trade Secret ☐
Chem. Name: Sulfuric Acid
Check all that apply: Pure [X] Mix [ ] Solid [ ] Liquid [X] Gas [ ] EHS [ ]
EHS Name:

CAS: 0 0 0 0 6 7 6 3 0 Trade Secret ☐
Chem. Name: Isopropyl Alcohol
Check all that apply: Pure [X] Mix [ ] Solid [ ] Liquid [X] Gas [ ] EHS [ ]
EHS Name:

CAS: 0 0 0 0 7 5 0 9 2 Trade Secret ☐
Chem. Name: Dichloromethane
Check all that apply: Pure [X] Mix [ ] Solid [ ] Liquid [X] Gas [ ] EHS [ ]
EHS Name:

Physical and Health Hazards
(check all that apply)

	Fire	Sudden Release of Pressure	Reactivity	Immediate (acute)	Delayed (chronic)
CAS 0076493-9	X		X	X	
CAS 0000676-3-0	X			X	X
CAS 0000075-09-2				X	X

Inventory

	Max. Daily Amount (code)	Avg. Daily Amount (code)	No. of Days On-site (days)
CAS 0076493-9	04	04	365
CAS 0000676-3-0	04	04	365
CAS 0000075-09-2	05	04	365

Storage Codes and Locations (Non-Confidential)

	Container Type	Temperature	Pressure	Storage Locations
CAS 0076493-9	E	4	1	Chemical Storage Area Bdg.302
	E	4	1	Chemical Prod. Bldg. 601
	E	4	1	Chemical Storage Area B. 502
	E	4	1	Environmental Operations Bldg.
CAS 0000676-3-0	A	4	1	Tank Farm Bldg. 602
	D	4	1	HW Storage Area Bldg. 706
	D	4	1	Chemical Storage Bldg. 302
	D	4	1	Pharmacy Bldg. 201
CAS 0000075-09-2	D	4	1	Chemical Storage Bldg. 302
	D	4	1	Chemical Production Bldg.601
	D	4	1	Pharmaceutical Bldg. 201
	E	4	1	HW Storage Area Bldg. 706

Optional ☐

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in [illegible] and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner/operator OR owner/operator's authorized representative: Lawrence Mascera - President & General Manager

Signature: [signature] Date signed: 2/27/95

Optional Attachments

[X] I have attached a site plan
[ ] I have attached a list of site coordinator certifications
[ ] I have attached a description of training and other safeguard measures

Revised June 1990

Form Approved OMB No. 2050-0072

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: ROCHE PRODUCTS INC.
Street: State Road 670 Km. 2.7
City: Manatí County: State: PR Zip: 00674
SIC Code: 2834 Dun & Brad Number: 04 100 2210

FOR OFFICIAL USE ONLY: ID #: Date Received:

Owner/Operator Name

Name: Mr. Lawrence Mascera Phone: (809) 854-3020
Mail Address: P.O. Box 452 Manatí, PR 00674

Emergency Contact

Name: Edgardo Hernández Title: Safety Supervisor
Phone: (809) 854-3020 24 Hr. Phone: 809-760-8585 (123-44

Name: Migdoel Rodríguez Title: Env. Operations Man.
Phone: (809) 854-3020 24 Hr. Phone: 809-760-8585 (123-55

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19__

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS 000078 93 3 Trade Secret ☐ Chem. Name: Methyl Ethyl Ketone Check all that apply: Pure X, Mix ☐, Solid ☐, Liquid X, Gas ☐, EHS ☐ EHS Name:	X Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	D 4 1 Chemical Storage Bldg. 302 D 4 1 Chemical Production Bldg. 601 D 4 1 HW Storage Area Bldg. 706	☐
CAS 001310 73 2 Trade Secret ☐ Chem. Name: Sodium Hydroxide Check all that apply: Pure X, Mix ☐, Solid ☐, Liquid X, Gas ☐, EHS ☐ EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A 4 1 Tank Farm Bldg. 602	☐
CAS 000077 78 1 Trade Secret ☐ Chem. Name: Dimethyl Sulfate Check all that apply: Pure X, Mix ☐, Solid ☐, Liquid X, Gas ☐, EHS ☐ EHS Name:	X Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	03 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-site (days)	D 4 1 Chemical Storage Area Bldg. 302 D 4 1 Chemical Building 601	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ___ and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Lawrence Mascera - President & General Manager — Lawrence Mascera — 2/27/95

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

Optional Attachments

X Have attached a site plan
☐ Have attached a list of site coordinate abbreviations
☐ Have attached a description of [illegible] other safeguard measures

Revised June 1990

Form Approved OMB No. 2050-0072

Tier Two

EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: ROCHE PRODUCTS INC.
Street: State Road 670 Km. 2.7
City: Manatí County: State: PR Zip: 00674

SIC Code: 2834 Dun & Bradstreet Number: 04 100 2210

FOR OFFICIAL USE ONLY
ID #:
Date Received:

Owner/Operator Name

Name: Mr Lawrence Mascera Phone: (809) 854-3020
Mail Address: P.O. Box 452 Manatí, PR 00674

Emergency Contact

Name: Edgardo Hernández Title: Safety Supervisor
Phone: (809) 854-3020 24 Hr. Phone: 809-760-8585 (123-44

Name: Migdoel Rodríguez Title: Env. Operations Man
Phone: (809) 854-3020 24 Hr. Phone: 809-760-8585 (123-55

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19__

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS 007782 50 5 Trade Secret ☐ Chem. Name: Chlorine Check all that apply: [X] Pure [ ] Mix [ ] Solid [ ] Liquid [X] Gas [ ] EHS EHS Name:	[X] Fire [X] Sudden Release of Pressure [X] Reactivity [X] Immediate (acute) [ ] Delayed (chronic)	03 Max. Daily Amount (code) 02 Avg. Daily Amount (code) 365 No. of Days On-site (days)	L 42 Cooling Tower, Bldg. 705 L 42 Chlorine Storage Room B-704	☐
CAS 000064 19 7 Trade Secret ☐ Chem. Name: Acetic Acid Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS EHS Name:	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate (acute) [ ] Delayed (chronic)	05 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A 41 Tank Farm Bldg. 602 D 41 Chemical Storage Bldg. 302	☐
CAS 000067 64 1 Trade Secret ☐ Chem. Name: Acetone Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS EHS Name:	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A 41 Tank Farm Bldg. 602 D 41 Hazardous Waste Storage Bldg. 706	☐

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ___ and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Lawrence Mascera - President & General Manager Lawrence Mascera 2/27/95

Name and official title of owner/operator OR owner/operator's authorized representative Signature Date signed

Optional Attachments

[X] I have attached a site plan
[ ] I have attached a list of site coordinate observations
[ ] I have attached a description of future and other safeguard measures

Revised June 1990

Form Approved OMB No. 2050-0072

Tier Two

EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: ROCHE PRODUCTS INC.
Street: State Road 670 Km. 2.7
City: Manatí County: _____ State: PR Zip: 00674

SIC Code: 2834 Dun & Bradstreet Number: 04-100-2210

FOR OFFICIAL USE ONLY — Date Received: _____

Owner/Operator Name

Name: Mr. Lawrence Mascera Phone: (809 854-3020
Mail Address: P.O. Box 452 Manatí, PR 00674

Emergency Contact

Name: Edgardo Hernández Title: Safety Supervisor
Phone: (809 854-3020 24 Hr. Phone: 809-760-8585 (123-44

Name: Migdoel Rodríguez Title: Env. Operations Mana
Phone: (809 854-3020 24 Hr. Phone: 809-760-8585 (123-55

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19____

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Container Type / Temperature / Pressure	Storage Codes and Locations (Non-Confidential) — Storage Locations	Optional
CAS 008008206 ☐ Trade Secret Chem. Name: Kerosene Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	06 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A 4 1 A 4 1	Kerosene Storage Tanks at north of building 502 Tanks for Emergency Generator Bldgs. 401, 301, 201	☐
CAS 068334305 ☐ Trade Secret Chem. Name: Diesel Fuel Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A 4 1	On site in front of building 503-south area	☐
CAS 008006619 ☐ Trade Secret Chem. Name: Gasoline Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A 4 1	On-site in front of building 503 - South Area	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages ____ through ____ and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Lawrence Mascera - President & General Manager — Signature — 2/27/95 Date signed

Name and official title of owner/operator OR owner/operator's authorized representative

Optional Attachments

☒ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of other and other safeguard measures

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: ROCHE PRODUCTS INC.
Street: State Road 670 Km. 2.7
City: Manatí County: ____ State: PR Zip: 00674
SIC Code: 2834 Dun & Bradstreet Number: 04 100 2210

FOR OFFICIAL USE ONLY
ID #:
Date Received:

Owner/Operator Name

Name: Mr. Lawrence Mascera Phone: (809 854-3020
Mail Address: P.O. Box 452 Manatí, PR 00674

Emergency Contact

Name: Edgardo Hernández Title: Safety Supervisor
Phone: (809 854-3020 24 Hr. Phone: 809-760-8585 (123-44

Name: Migdoel Rodríguez Title: Env. Operations Mana
Phone: (809)854-3020 24 Hr. Phone: 809-760-8585 (123-55

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19__

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS 007697 37 2 Trade Secret ☐ Chem. Name: Nitric Acid Check all that apply: X Pure ☐ Mix ☐ Solid X Liquid ☐ Gas ☐ EHS EHS Name:	X Fire ☐ Sudden Release of Pressure X Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A 4 1 Tank Farm Bldg. 602	☐
CAS 000108 88 3 Trade Secret ☐ Chem. Name: Toluene Check all that apply: X Pure ☐ Mix ☐ Solid X Liquid ☐ Gas ☐ EHS EHS Name:	X Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A 4 1 Tank Farm Bldg. 602 E 4 1 HW Storage Area Bldg. 706	☐
CAS 000067 56 1 Trade Secret ☐ Chem. Name: Methanol Check all that apply: X Pure ☐ Mix ☐ Solid X Liquid ☐ Gas ☐ EHS EHS Name:	X Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	05 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	D 4 1 Chemical Storage Bldg. 302 A 4 1 Tank Farm Bldg. 602 E 4 1 HW Storage Area Bldg. 706	☐

Certification *(Read and sign after completing all sections)*

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Lawrence Mascera - President & General Manager Lawrence Mascera 2/27/95

Name and official title of owner/operator OR owner/operator's authorized representative Signature Date signed

Optional Attachments

- X Have attached a site plan
- ☐ Have attached a list of site coordinate abbreviations
- ☐ Have attached a description of dikes and other safeguard measures

...ne 1990

Page 6 of 8 pages
Form Approved OMB No. 2050-0072

Tier Two

EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: ROCHE PRODUCTS INC.
Street: State Road 670 Km. 2.7
City: Manatí County: State: PR Zip: 00674
SIC Code: 2834 Dun & Bradstreet Number: 04 100 2210

FOR OFFICIAL USE ONLY
Date:
Date Received:

Owner/Operator Name

Name: Mr. Lawrence Mascera Phone: (809) 854-3020
Mail Address: P.O. Box 452 Manatí, PR 00674

Emergency Contact

Name: Edgardo Hernández Title: Safety Supervisor
Phone: (809) 854-3020 24 Hr. Phone: 809-760-8585 (123-44

Name: Migdoel Rodríguez Title: Env. Operations Mana
Phone: (809) 854-3020 24 Hr. Phone: 809-760-8585 (123-55

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19__

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS 000079 04 9 Trade Secret ☐ Chem. Name: Chloracetyl Chloride Check all that apply: Pure [X] Mix [ ] Solid [ ] Liquid [X] Gas [ ] EHS [ ] EHS Name:	[ ] Fire [ ] Sudden Release of Pressure [X] Reactivity [X] Immediate (acute) [ ] Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	D 41 Chemical Storage Bldg. 302 D 41 Building 601	☐
CAS 000064 17 5 Trade Secret ☐ Chem. Name: Ethyl Alcohol Check all that apply: Pure [ ] Mix [X] Solid [ ] Liquid [X] Gas [ ] EHS [ ] EHS Name:	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed (chronic)	05 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A 41 Tank Farm Bldg. 602 D 41 Chemical Storage Bldg. 302 D 41 Pharmacy Bldg. 201 E 41 HW Storage Area Bldg. 706	☐
CAS 007664 41 7 Trade Secret ☐ Chem. Name: Ammonia Gas Check all that apply: Pure [X] Mix [ ] Solid [ ] Liquid [ ] Gas [X] EHS [ ] EHS Name:	[ ] Fire [X] Sudden Release of Pressure [ ] Reactivity [X] Immediate (acute) [ ] Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-site (days)	L 42 Chemical Storage Area Bldg 302 L 42 Chemical Production Bldg. 601	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____ and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Lawrence Mascera - President & General Manager Lawrence Mascera 2/27/95

Name and official title of owner/operator OR owner/operator's authorized representative Signature Date signed

Optional Attachments

[X] Shown attached a site plan
[ ] Shown attached a list of site sensitive subsections
[ ] Shown attached a description of others and other safeguard measures

June 1990

Page 7 of 8 pages
Form Approved OMB No. 2050-0072

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: ROCHE PRODUCTS INC.
Street: State Road 670 Km. 2.7
City: Manatí County: State: PR Zip: 00674
SIC Code: 2834 Dun & Bradstreet Number: 04 100 2210

FOR OFFICIAL USE ONLY: Dist: Date Received:

Owner/Operator Name

Name: Mr. Lawrence Mascera Phone: (809) 854-3020
Mail Address: P.O. Box 452 Manatí, PR 00674

Emergency Contact

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Phone: (809) 854-3020 24 Hr. Phone: 809-760-8585 (123-44

Name: Migdoel Rodríguez Title: Env. Operations Mana
Phone: (809) 854-3020 24 Hr. Phone: 809-760-8585 (123-55

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19__

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS 007727 37 9 Trade Secret ☐ Chem. Name: Nitrogen Cryogenic Check all that apply: X Pure ☐ Mix ☐ Solid X Liquid X Gas ☐ EHS EHS Name:	☐ Fire X Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A 7 2 North side Bldg. 601	☐
CAS 007647 01 0 Trade Secret ☐ Chem. Name: Hydrogen Chloride Gas Check all that apply: X Pure ☐ Mix ☐ Solid ☐ Liquid X Gas ☐ EHS EHS Name:	☐ Fire X Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	03 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-site (days)	L 4 2 Chemical Storage Area Bldg.302 L 4 2 Chemical Building 601	☐
CAS 000074 83 9 Trade Secret ☐ Chem. Name: Methyl Bromide Check all that apply: X Pure ☐ Mix ☐ Solid ☐ Liquid X Gas ☐ EHS EHS Name:	☐ Fire X Sudden Release of Pressure ☐ Reactivity X Immediate (acute) X Delayed (chronic)	02 Max. Daily Amount (code) 02 Avg. Daily Amount (code) 365 No. of Days On-site (days)	L 4 2 Chemical Storage AreaBldg 302	☐

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Lawrence Mascera - President & General Manager — Lawrence Mascera — 2/27/95

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

Optional Attachments

- [X] I have attached a site plan
- [ ] I have attached a list of site [illegible]
- [ ] I have attached a description of [illegible] and other safeguard measures

June 1990

Form Approved OMB No. 2050-0072

Tier Two

EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: ROCHE PRODUCTS INC.
Street: State Road 670 Km. 2.7
City: Manatí County: State: PR Zip: 00674
SIC Code: 2834 Dun & Bradstreet Number: 04 100 2210

FOR OFFICIAL USE ONLY: Date: Date Received:

Owner/Operator Name

Name: Mr. Lawrence Mascera Phone: (809) 854-3020
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Name: Edgardo Hernández Title: Safety Supervisor
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Phone: (809) 854-3020 24 Hr. Phone: 809-760-8585 (123-55

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19__

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS 000074 89 3 Trade Secret ☐ Chem. Name: Monomethylamine Check all that apply: Pure X, Mix ☐, Solid ☐, Liquid ☐, Gas X, EHS ☐ EHS Name:	X Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-site (days)	L 4 2 Chemical Storage Bldg. 302 L 4 2 Chemical Building 601	☐
CAS 000095 47 6 Trade Secret ☐ Chem. Name: Ortho-xylene Check all that apply: Pure X, Mix ☐, Solid ☐, Liquid X, Gas ☐, EHS ☐ EHS Name:	X Fire ☐ Sudden Release of Pressure ☐ Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	D 4 1 Chemical Storage Bldg. 302	☐
CAS 007647 01 0 Trade Secret ☐ Chem. Name: Hydrochloric Acid Check all that apply: Pure X, Mix ☐, Solid ☐, Liquid X, Gas ☐, EHS ☐ EHS Name:	X Fire ☐ Sudden Release of Pressure X Reactivity X Immediate (acute) ☐ Delayed (chronic)	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-site (days)	E 4 1 Chemical Storage Bldg. 302 E 4 1 Chemical Building 601	☐

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Lawrence Mascera - President & General Manager — Lawrence Mascera — 2/27/95

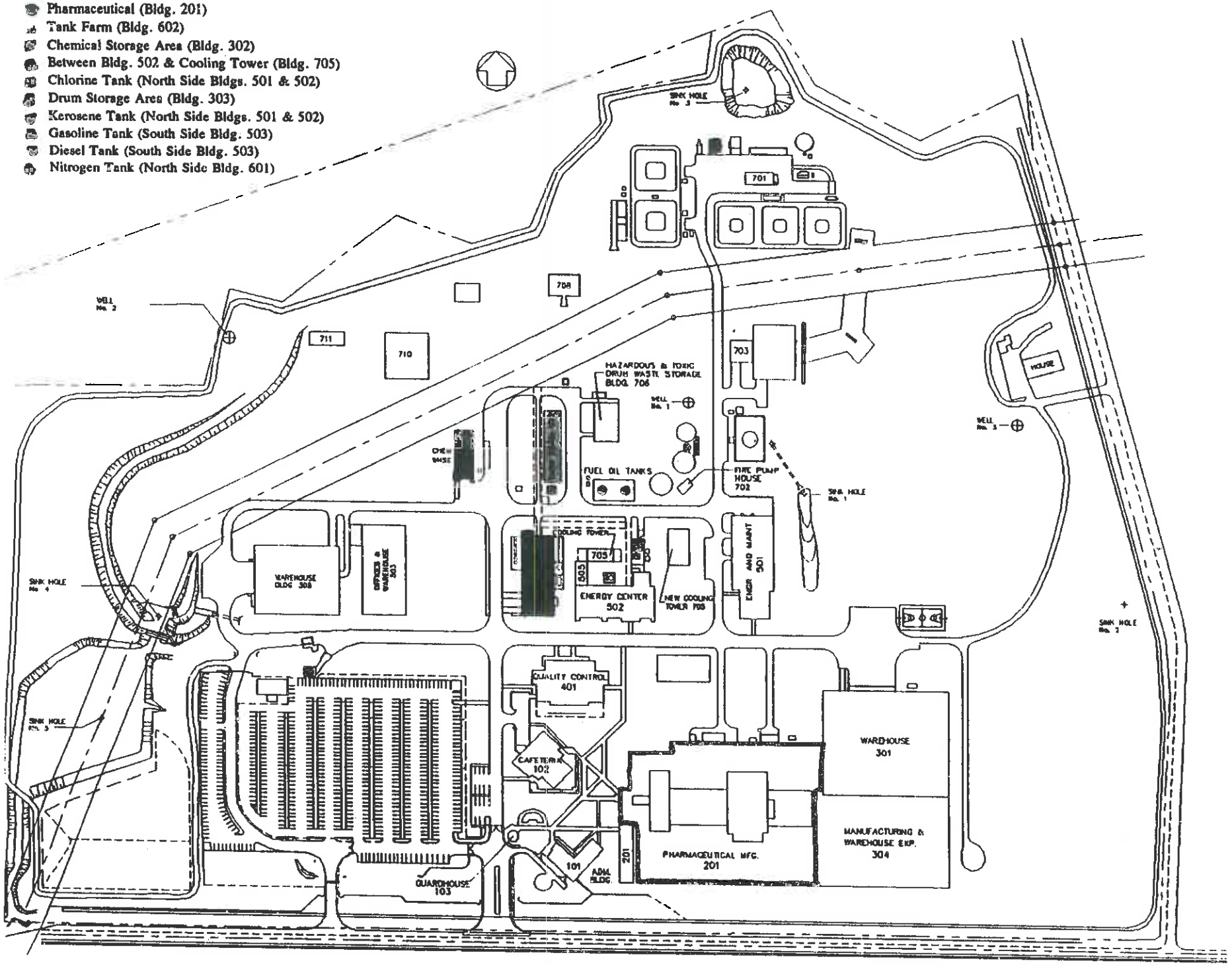
Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

Optional Attachments

- [X] I have attached a site plan
- [ ] I have attached a list of site coordinate abbreviations
- [ ] I have attached a description of chem and other safeguard measures

Roche Products Inc. Site Plan

- Hazardous Waste Storage (Bldg. 706)
- Chemical Production (Bldg. 601)
- Pharmaceutical (Bldg. 201)
- Tank Farm (Bldg. 602)
- Chemical Storage Area (Bldg. 302)
- Between Bldg. 502 & Cooling Tower (Bldg. 705)
- Chlorine Tank (North Side Bldgs. 501 & 502)
- Drum Storage Area (Bldg. 303)
- Kerosene Tank (North Side Bldgs. 501 & 502)
- Gasoline Tank (South Side Bldg. 503)
- Diesel Tank (South Side Bldg. 503)
- Nitrogen Tank (North Side Bldg. 601)



ROCHE PRODUCTS INC.
Departamento de Operaciones Ambientales
Correspondencia Interna

M E M O R A N D O

A: Sra. Teresa Pérez

DE: Héctor Rivera

FECHA: 23 de enero de 1995 Ref#010-64.HR

ASUNTO: **CANTIDAD DE QUIMICOS PELIGROSOS ALMACENADOS (701)**

Durante el año 1994, el inventario más alto de químicos peligrosos almacenados en el 701 (WWTP) fue como sigue:

✓	Acido Sulfúrico	5 drones plásticos de 55 galones
✓	Acido Fosfórico	1 dron plástico de 55 galones
✓	Soda Cáustica	4 drones plásticos de 55 galones
✓	Cloruro (gas)	4 cilindros de 150 libras

Si tienes alguna duda, me puedas llamar a la extensión 2728.

HR/cm

c: T. Alvarado

REGULATORY AFFAIRS DEPT.
RECEIVED
JAN 2 4 1995
FILE

ROCHE PRODUCTS INC.
INTEROFFICE CORRESPONDENCE
PRODUCTION PLANNING DEPARTMENT

MEMORANDUM

To : Ms. Teresa Pérez

From : Eleizer Otero

Date : January 18, 1995

Subj.: **TIER I & II REPORTING REQUIREMENTS**

Attached please find the list of hazardous material, covered under **SARA (Superfund Amendments and Reauthorization Act of 1986.)**

This information corresponds to the 1994 inventories.

If you have any questions, please call me at ext. 2523.

Thank you for your usual cooperation.

EO/mdp

c: Mr. H. Alvarez
Mr. L. Mascera
Mr. E. Muñiz
Ms. M. Muñoz
Mr. R. Rivera

Attachments

REGULATORY AFFAIRS DEPT.
RECEIVED
JA[illegible]

ROCHE PRODUCTS INC.
PRODUCTION PLANNING DEPARTMENT
HAZARDAUS MATERIAL LIST
TIER I AND II REPORTING REQUIREMENTS

DATE: JANUARY 17,19

CODE	PRODUCT	MAXIMUM DAILY AMOUNT	U/M	AVERAGE DAILY AMOUNT	NUMBER OF DAYS ON SITE	TIPS OF STORAGE	WAREHOUSE 301	WAREHOUSE 302	CHEMICAL 601	PHARMA 201
22-015	Acetic Acid	98,417	KG	28,736	365	Tank & Drum		X	X	
22-025	Acetone	13,082	GAL	4,000	365	Tank			X	
22-060	Alcohol 2B	20,599	GAL	8,000	365	Tank			X	
22-140	Ammonia Aqua	1,201	GAL	800	365	Tank			X	
22-146	Ammonia Gas Anhydrous	5,691	KG	2,000	365	Cylinder		X	X	
22-520	Caustic Soda	14,778	KG	8,000	365	Tank			X	
590	Chloraxetyl Chloride	11,926	KG	5,000	365	Drum		X	X	
-775	Dimethyl Sulfate	2,999	KG	2,500	365	Drum		X	X	
23-075	Hydrochloric Acid	1,229	KG	1,100	365	Drum		X	X	
23-100	Hydrogen Chloride Gas	760	KG	550	365	Cylinder		X	X	
23-211	Isopropyl Alcohol	25,435	KG	18,000	365	Tank & Drum		X	X	
23-530	Metanol	16,461	GAL	6,000	365	Tank & Drum		X	X	
23-535	Methyl Bromide Gas	227	KG	200	365	Cylinder		X		
23-545	Methylene Chloride	50,535	KG	35,000	365	Drum		X	X	
23-625	Mono Methyl Amino Gas	5,753	KG	2,500	365	Cylinder		X	X	
23-645	Muriatic Acid	6,620	KG	3,000	365	Drum		X		
23-696	Nitric Acid	2,349	GAL	1,600	365	Tank			X	
23-743	Ortho Xylene	1,600	GAL	1,400	365	Drum		X	X	
24-415	Sulfuric Acid	7,607	KG	4,000	365	Drum		X	X	
24-530	Toluene	15,424	GAL	7,000	365	Tank			X	
19-380	Methylene Chloride	3,733	KG	1,500	365	Drum		X		X
22-055	Alcohol 3A	3,138	KG	1,500	365	Drum		X		X
23-210	Isopropyl Alcohol	3,205	KG	1,000	365	Drum		X		X
23-560	Methyl Ethly Ketone	11,845	KG	9,000	365	Drum		X	X	

ROCHE PRODUCTS II
INTEROFFICE CORRESPONDENCE
UTILITIES SECTION

M E M O R A N D U M

TO: Teresa Pérez

FROM: Delmer O. Dávila

DATE: January 18, 1995

SUBJECT: **ANALYSIS FOR TIER I & II REPORT**

This is the inventory of kerosene chloride, Sulfuric acid and cromate store in building 502 on 1994.

	KEROSENE	CHLORINE	SULFURIC ACID	CHROMATE
Maximum Daily Amount	1,302,755/lbs.	450/lbs.	14,345/lbs.	176.86/lbs.
Average Daily Amount	1,063,620/lbs.	150/lbs.	8,442/lbs	176.86/lbs.
Number of days on site	365/days	365/days	365/days	365/days
Type of Storage	(*) Tank	(+) Cylinder	(x) Drums	(°) Drums
Storage Location	North of 502 Bldg. (Energy Center)	Cooling Tower	Chemical Storage	Chemical Storage

(*) Above ground
(x) 800 lbs./each
(+) 150 lbs.
(°) 197 lbs. & 310 lbs. (35 gals. & 55 gals.)

If you need additional information, please contact me at Ext. 2708.

DD/mlj

c: G. Curreri
M. Muñoz

REGULATORY AFFAIRS DEPT.
RECEIVED
JAN 18 1995

ROCHE PRODUCTS INC.
INTEROFFICE CORRESPONDENCE
Maintenance Section

MEMORANDUM

TO: Teresa Pérez

FROM: José Serrano

DATE: December 22, 1994

SUBJECT: **TIER I & II REPORTING REQUIREMENTS**

Please find below gasoline and diesel inventory in our plant site during the period from January 1 to December 31, 1994, as required by SARA (Superfund Amendments and Re-Authorization Act of 1986).

GASOLINE:

a.	Maximum daily amount	3,000 gallons
b.	Average daily amount	1,500 gallons
c.	Number of days on site	365 days
d.	Type of storage	Tank
e.	Storage locations - (On site at front of 503 Bldg. south area)	

DIESEL:

a.	Maximum daily amount	2,000 gallons
b.	Average daily amount	1,000 gallons
c.	Number of days on site	365 days
d.	Type of storage	Tank
e.	Storage locations - (On site at front of 503 Bldg. south area)	

PROPANE GAS:

a.	Maximum daily amount	450 gallons
b.	Average daily amount	250 gallons
c.	Number of days on site	365 days
d.	Type of storage	Cylinder
e.	Storage locations - (At west side of 503 Bldg.)	

If additional information is needed, please do not hesitate to contact me at ext. 2118.

JS/nm
(wp51\memos\tier-rep)

REGULATORY AFFAIRS DEPT.
RECEIVED
JAN - 9 1995
FILE ☐ COMMENT ☐

ROCHE PRODUCTS INC
INTEROFFICE CORRESPONDENCE
UTILITIES SECTION

M E M O R A N D U M

TO: Teresa Pérez

FROM: Delmer O. Dávila

DATE: March 14, 1995

SUBJECT: **Sara Title III**

There are the consumption during 1994.

Clorine	1,050 lbs.
Silver Nitrate	0
Chromate	176.85 lbs
Sulfuric	33,753 lbs

REGULATORY AFFAIRS DEPT.
RECEIVED
MAR 14 1995
FILE ☐ COMMENT ☐
COPY ☐ DISCARD ☐

file:wp\teamc\sara-iii

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Manati Fire Department
Chief District Fire
Manati, PR 00674

4a. Article Number
P 072 784 327

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
MAR 4 1994

8. Addressee's Address (Only if requested and fee is paid)

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, November 1990 DOMESTIC RETURN RECEIPT

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Hector Russe, Chairman
State Emergency Planning Comm.
Environmental Quality Board
P.O. Box 11488
Santurce, PR 00910

4a. Article Number
P 072 784 328

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
MAR 3 1994

8. Addressee's Address (Only if requested and fee is paid)

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, November 1990 DOMESTIC RETURN RECEIPT

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

The EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348

4a. Article Number
P 072 784 326

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
MAR 7 1994

8. Addressee's Address (Only if requested and fee is paid)

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, November 1990 DOMESTIC RETURN RECEIPT

- Complete items 1 and/or 2 for additional services.
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- Print your name and address on the reverse of this form so that we can return this card to you.
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- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Fernando Guzman
Arecibo LEPC
Box 2647
Arecibo, PR 00613

4a. Article Number
P 072 784 325

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
MAR 7 1994

8. Addressee's Address (Only if requested and fee is paid)

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, November 1990 DOMESTIC RETURN RECEIPT

Lab Packs — 1994 —

Page 7/

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL
94037	D001	waste flam. liq.	6	3114	Rollins Baton Rouge
	D001/F003	"	1	525	" "
	D001/D002 F005	[illegible]aOH	4	2070	" "
	D001		6	3114	" "
	D001/F003		1	525	" "
	D001/D002 F003	[illegible]aOH	4	2070	" "
	D001/F005	[illegible]luene	16	6112	" "
	D001/F005	[illegible]eOH	1	91	" "
	D001/F003 F005	[illegible]etone	1	165	" "
	D001/F005		1	293	" "
	D001 + F003	[illegible]tone	16	6112	" "
	D001 + F005		1	293	" "
	D001 + F005	[illegible]4	1	91	" "
	D001 + F003 F005		1	165	" "

Brinnical
1994

Lab Packs — 1994 —

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL
94037	D001	waste flam. liq.	6	3114	Rollins Baton Rouge
	D001/F003	" " "	1	525	" "
	D001/F002 F005	" " " Acetone + NaOH	4	2070	" "
	D001	" " liq.	6	3114	" "
	D001/F003	" " "	1	525	" "
	D001/F002 F003	" " " Acetone / NaOH	4	2070	" "
	D001/F005	" " Solid Acetone / Toluene	16	6112	" "
	D001/F005	" " Solid Toluene/MeOH	1	91	" "
	D001/F003 F005	" " Solid methyl ethyl ketone	1	165	" "
	D001/F005	" " Solid Toluene	1	293	" "
	D001+F003	" " liq. Toluene/Acetone	16	6112	" "
	D001+F005	" " solid Toluene	1	293	" "
	D001+F005	" " " Toluene + MeOH	1	91	" "
	D001+F003 F005	" " " MeK	1	165	" "

Lab Packs — 1994 —

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL	
94061	D001	Haz. flam liq. caus (NaOH + Acetone)	6	2285	Rollins	M041
	D001	" " " (Toluene + Acetone)	1	550	"	M041
	D001	" " " (MeOH + Toluene)	1	70	"	M043
	F005	Haz Wste. Solid (MEK)	1	190	"	M043
	D001	} Repeat all four	6	2285	"	
	D001		1	550	"	
	D001		1	70	"	
	F005		1	190	"	
	D001	} Repeat all four	6	2285	"	
	D001		1	550	"	
	D001		1	70	"	
	F005		1	190	"	
	D006	Hz. Substance (Cadmium)	4	1944	"	
	" "	" " "	4	1944	"	
	" "	" "	4	1944	"	

Lab Packs — 1994

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL	
94061	D001	Wste. flam. liq. (Etanol)	2	880 lb	Rollins	
	D001	(Kerosene + thiner)	1	440	"	
	D001	(Toluene) Wste. flam liq.	1	440	"	
	F002	Poison (mecla + clorofarm)	1	10	"	— D022
	D001	} repeat all four ↑	2	880	"	
	D001		1	440	"	
	D001		1	440	"	
	F002		1	10	"	— D022
	D001	} repeat all four ↑	2	880	"	
	D001		1	440	"	
	D001		1	440	"	
	F002		1	10	"	— D022
	D001	Wste flam liq. (MeOH + ETOH)	1	296	"	
	D001	Ethyl Alcohol	1	185	"	
	D001	Acetone + Sodium Hydroxide	1	485	"	
	D001	} repeat all three ↑	1	296	"	
	D001		1	185	"	
	D001		1	485	"	
	D001	} Repeat all three ↑	1	296	"	
	D001		1	185	"	
	D001		1	485	"	

Lab Packs – 1994

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL	
94042	D001	Wste · flam · liq · (MeOH + ETOH)	6	3222 lb	Rollins	– M041
	D001	" " " CORRO (NaOH + Acetone)	9	3213 lb	" "	– M041
	D001	" " liq (Isopropanol + Kerosene)	1	435 lb	" "	– M041
	" "	" " " " "	1	" " lb	" "	
	D001	" " " (MeOH + ETOH)	6	3222 lb	" "	
	D001	" " " Corrosive (NaOH + Acetone)	9	3213 lb	" "	
94061	D007	Hz · Wste · liq · (Potassium dichromate)	1	30 lb	" "	
94061	D007	Hz · Wste · liq · (Potassium dichromate)	1	30 lb	" "	
	D007	" " " " "	1	30 "	" "	
	D001	" " " (Carbon disulfide + ETOH)	1	25	" "	– P022
	D001	" " " (1,4 Dioxane + ETOH)	1	40	" "	– U108
	D001	(Zinc + Sodium borohydride)	1	10	" "	– D003
	D002	Corrosive Wste · liq · (ac · nitric + ac hydrochloric)	1	20	" "	
	D001	Wste · flam · liq · (Carbondisulfide + ETOH)	1	25	" "	– P.022
	D001	" " " (1,4 dioxane + ETOH)	1	40	" "	– U108
	D001	Zinc & Sodium borohydride	1	10	" "	– D003
	D002	ac · nitric + Hydrochloric acid	1	20	" "	
	D001		1	25	" "	
	Replat D001	all four	1	40	" "	
	D001		1	10	" "	
	D002		1	20	" "	

Lab. Packs — 1994

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL	
94043	F002	Solid (MeCl2)	1	81 lb	Rollins	
	D001	Wste. flam. liq. (ETOH + MeOH)	5	2599 lb	" "	
	D001	" " " corrosive (Acetone/NaOH)	9	4046 lb	" "	
	D001	" " " (Toluene + Acetone)	2	1140 lb	" "	
	F002	Hz. Wste. Solid MeCl2	1	81 lb	" "	
	F002	" " " "	"	" "	" "	
	D001	Wste. flam. liq. (ETanol + MeOH)	5	2599 lb	" "	
	D001	" " " corrosive (NaOH + Acetone)	9	4046 lb	" "	
	D001	" " " (Toluene + Acetone)	2	1140 lb	" "	
94042	D001	metanol + Ethanol	6	3222 lb	" "	— m041
	D001	Acetone + NaOH	9	3213 lb	" "	— m041
	D001	Isopropanol + Kerosene	1	435 lb	" "	— m041
	D001	Toluene + acetone	3	1716 lb	" "	— m041
	D001	Toluene + Acetone	1	318 lb	" "	— m041
	D001	(Toluene) wste. flam. Solid	1	280 lb	" "	— m043
	D001	Wste. flam. solid (Ethanol + Charcoal)	6	1166 lb	" "	
	D001	" " " (MeOH + Toluene)	2	154	" "	
	D001	" " " (Toluene + Acetone)	2	186	" "	
	D001	" " liq. (MeOH + EtaOH)	6	3222	" "	
	D001	" " " Corrosive (Aceto. + NaOH)	9	3213	" "	
	D001	" " " (Isopropanol + Kerosene)	1	435	" "	— m041

Lab PACKS — 1994

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL	
94048	D001	Wste. flam liq. (isopropanol + Kerosene)	1	385 lb	Rollins - Louisiana - M041	
	D006	Hz waste liq. (Cadmium)	15	3504 lb	" "	
	D001	Wste. flam. liq. (Isopropanol + Kerosene)	1	385 lb	" "	— M041
	"	" " " " "	"	"	" "	— M041
	"	" " " " "	"	"	" "	— M041
	D001	Wste. flam. (methanol + Ethanol)	1	472 lb	" "	— M041
	D001	" " Corrosive (Acetone + NaOH)	2	884 lb	" "	— M041
	D001	Wste. Carbon Activated	8	1297 lb	" "	— M043
	D001	Wste flam. liq. (meOH + Ethanol)	1	472 lb	" "	
	D001	" " " Corrosive (NaOH + Acetone)	2	884 lb	" "	
	D001	Wste. Carbon Activated	8	1297 lb	" "	
	D001	Wst. flam. liq. (meOH + Ethanol)	1	472 lb	" "	
	D001	" " Corrosive (NaOH + Acetone)	2	884 lb	" "	
	D001	" Carbon Activated	8	1297 lb	" "	
	D006	Hz. Substance Cadmium	15	3504 lb	" "	
94043	F002	mecl2 + Silicone dioxide (Solid)	1	164 lb	" "	
	D001	Wste flam liq. Corrosive (Acetone + NaOH)	9	4046 lb	" "	
	D001	" " " (Ethanol + meOH)	5	2599 lb	" "	
	D001	" " " (Toluene + Acetone)	2	1140 lb	" "	

MB Racks . 1994

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL
94056	D001	Methanol	1	575 lb	Rollins, Louisianna
	D001	Acetone + Sodium Hydroxide	3	1,374 lb	" "
	D001	" " "	1	383 lb	" "
	Solid F005	MEK	1	160 lb	" "
	" " D001	ISopropanol (mod) + Acetone	1	190 lb	" " — M041
	D001	Toluene + Acetone	1	392 lb	" "
	D001	metanol + Toluene (mod 3)	4	284 lb	" "
	F001	Silicone dioxide, methz	5	1,950 lb	" " M043
	F005	MEK	1	160 lb	" "
	D001	ISOPROPANOL + ACETONE	1	190 lb	" "
94048	D001	Waste flam. liq: metanol + ETANOL	1	472 lb	" "
	D001	Wast. flam. liq. corrosive: ACETONE + NaOH	2	884 lb	" "
	D001	Waste carbon activated	8	1297 lb	" "
	D001	Waste flam. liq. Metanol + Etanol	1	472 lb	" "
	D001	" " " Corrosive ACETONE NaOH	2	884 lb	" "
	D001	Waste carbon activated	8	1297 lb	" "
	D001	WSte flam. liq. metanol + etanol	1	472 lb	" "
	D001	WSte. flam. liq. corrosive: ACETONE + NaOH	2	884 lb	" "
	D001	WSte carbon activated	8	1297 lb	" "
	D001	Wst. flam. liq. Isopropanol + Kerosene	1	385 lb	" "
	D001	" " " " "	1	385 lb	" "

Sludge

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL
94002	N/A	WWTP - dry sludge	22 marine bags	31920	Laidlaw Env. Services

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL

1994 — Hz. Waste

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL
94060	F002,	Waste Dicloromethane	6	330gals	Safety Kleen
94058	D001, F002, F003 F005	$MeCl_2$ + Toluene (Sofa)	1 T.T	2,805 g	" "
94057	D001- F002, F003, F005	" + " "	1 T.T.	2,805 g	" "
94056	F002	Waste Diclorometano	6	330 g	" "
	F002	" "	4	220 g	" "
94053	D001 F003 F005 F002	Waste flamable ($mecl_2$ + Tol.) Sofa	1 T.T	3,100 g	" "
94052	D001 F002 F003 F005	" " " " "	1 T.T.	5,100 g	" "
94051	F002	Waste diclorometano	16	880 g	" "
	F002	" "	14	770 g	" "
94050	D001 F002 F003 F005	Waste flamable liq. $mecl_2$ + Toluno	1T.T.	3000 g	" "
94049	F002	Waste diclorometano	6	330 g	" "
	F002	" "	1	55 g	" "
94047	D001 F002 F003 F005	Waste flam. liq. $mecl_2$ + Tolune	1 T.T.	3000 g	" "
94046	" " "	" " " " "	" "	2970 g	" "
94045	F002	Wste. Dicloromethane	6 4	2970 g	" "
	F002	Wste. Dicloromethane	5	275 g	" "
94044	D001 F002 F003 F005	Wste. flam. liq. ($mecl_2$ + Tolune)	1 T.T	2420 g	" "

● $mecl_2$ + Tolueno = waste flamable liquid (Sofa Solventes).

Hz. Waste — 1994

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL
94059	D001 F002 F003 F005	Wste. flam. liq. (mecl2 + Toluene)	1 T.T.	1,870 g	Safety Kleen
94041	F002	Wste. Diclorometano	33	1815g	" "
94040	D001 - F003 F002 F005	Wste. flam. liq. (Mecl2 + Toluene)	1 T.T.	2420 g	" "
94032	F002	Wste. Diclorometano	6	330	" "
94030	D001 F002 F003 F005	Wste. flam. liq. (Mecl2 + Toluene	1 T.T.	2400	" "
94027	F002	Wste. Diclorometano	5	275	" "
94026	D001 - F002 F003 F005	Wste. flam. liq (Mecl2 + Toluene)	1 T.T.	2255	" "
94025	" " "	" " " " "	"	2365	" "
940 23	F002	Wste. Diclorometano	3	165	" "
94023	"	" "	8	440	" "
94022	F002	" "	24	1320	" "
94022	"	" "	20	1100	" "
94021	D001 - F002 - F003 F005	Wste. flam. liq. (Mecl2 + Toluene)	1 T.T.	2915	" "
94020	" " "	" " " " "	" "	3000	" "
94019	" " "	" " " " "	" "	3000	" "
94016	" " "	" " " " "	" "	2365	" "
94015	" " "	" " " " "	" "	2380	" "
94014	F002	Wste. Diclorometano	14	770	" "
94014	F002	Wste. Dichloromethane	17	935	" "
94013	D001 F002 F003 F005	Wste. flam. liq. (mecl2 + Toluene)	1 T.T.	2325	" "
94012	F002	Wste. Dichloromethane	27	1485	" "

Hz. Waste — 1994

MANIFEST NO.	WASTE CODES	WASTE DESCRIPTION	NO. DRUMS	GALONS QTY.	DISPOSAL
94012	F002	Wste. Dichloromethane	12	660 g	Safety Kleen
94011	F002	" " "	33	1815 g	" "
94011	F002	" " "	7	385	" "
94010	F002	" " "	24	1320	" "
94010	F002	" " "	13	715	" "
94009	D001-F002-F005	Wste. flam. liq. (Mecl2+Tol.)	1 T.T.	2310	" "
94008	" " "	" " " " "	" "	2400	" "
94007	" " "	" " " " "	1 T.T.	2380	" "
94006	F002	Wste. Dichloromethane	26	1430	" "
94006	F002	" " "	12	660	" "
94005	F002	" " "	8	440	" "
94005	F002	" " "	30	1650	" "
94001	D001	Wste. flam. liq. (alifatics)	1 T.T.	500	" " — D008

DRAFT-1

HAZARDOUS WASTE REPORT **REGULATORYAFFAIRS**

March 28, 199 **NEW** **RAD00016.00EN**

1.0 PURPOSE

The purpose of this SOP is to provide a general guideline for the completion and submission of the Hazardous Waste Biennial Report, as required by the Resource Conservation and Recovery Act (RCRA), for the generation, storage, and physical disposition of Hazardous Waste. __CFR____§___ (or other regulation)

2.0 SCOPE

This report summarizes the actitivities (generation and disposal) of RPI hazardous wastes for a period of two consecutive years. A series of forms must be submitted in said report, which are detailed under the PROCEDURES section.

3.0 DEFINITIONS

Hazardous Waste - waste that presents a potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed. May possess one of four characteristics (ignitability, corrosivity, reactivity, or toxicity.

Manifest -

SIC Code -

([illegible])

4.0 FRECUENCY

Every two years during the month of_____a "Hazardous Waste Report" Booklet is received at RPI, containing all forms described under the PROCEDURES section below. The Hazardous Waste Report is required to be submitted on or before_____.

5.0 PROCEDURE

5.1 FORM IC - IDENTIFICATION AND CERTIFICATION

5.1.1 This form includes general information which can be obtained from the Regulatory Environmental files. General instructions follow. Detailed instructions should be followed as per the Hazardous Waste Report Booklet. (EXHIBIT A, FORM IC)

5.1.2 Section I. Enter site name and location address.

5.1.3 Section II. Mailing address of site.

5.1.4 Section III. Name, title, and telephone number of contact person. The form must

be signed by ... or designee.

5.1.5 Section IV. Confidentiality Statement. This statement should be signed by... or designee.

5.1.6 Section V. EPA ID number, obtained in...

5.1.7 Section VI. On-site Waste Management Status

5.1.8 Section VII. Waste Minimization Activities during the two years covered by the report.

5.2 FORM GM - WASTE GENERATION AND MANAGEMENT

5.2.1 This form addresses waste generation and management. It should be filled out for each criteria of waste handled during the reporting period. General instructions follow. Detailed instructions should be followed as per the Hazardous Waste Report Booklet. (EXHIBIT B, FORM GM)

5.2.2 Section I. Waste description; EPA hazardous waste code, State Hazardous Waste Code; SIC code.

5.2.3 Section II. Quantity generated during the two consecutive years covered by the report.

5.2.4 Section III. Information required if waste was shipped off-site.

5.2.5 Section IV. Information concerning minimization of waste, obtained from...

5.3 FORM OI - OFF-SITE IDENTIFICATION

5.3.1 This form addresses each facility to which the hazardous waste is sent to. Information on form is self-explanatory. Detailed instructions should be followed as per the Hazardous Waste Report Booklet. (EXHIBIT C, Form OI)

6.O SOURCES

6.1 In order to complete the data on Hazardous Waste (quantity generated and shipped), the data obtained from the Manifests received for the reporting period must be collected. (Refer to SOP RAD....., for information concerning Manifests.)

6.2 A log is kept to record all manifests received. This log must be kept up-to-date by the Regulatory Affairs Secretary or designee. (EXHIBIT D)

6.3 Information for the reporting period, such as quantity of hazardous waste, Manifest numbers received during previous reporting year and disposed of during the reporting year, shall be requested from the Environmental Operations Department.

6.4 other sources for computing data
6.5 w/o requires (Vo.Bo.)
6.6 When is a form not included? What special event may influence?
6.7 where filed?
6.8 Who should have copy of the report
6.9 anything else

falta información para formas PS + WR

SOP

Hazardous Waste Report (Biennial)

Purpose
Objective: Compliance with the Resource Conservation and Recovery Act (RCRA) for the generation, storage and final disposition of Hazardous Wastes.

Scope: This report summarizes the activities (generation and disposal) for Hazardous Wastes during two consecutive years in RPL.

Definitions:

~~[illegible]~~

Each "Instruction and Forms" provides ~~for~~ in detail the definitions, codes, Exclusions and instructions to be filled for each activity performed. ~~during the Reporting Years~~.

Procedure:

A. Review and ~~fill~~ cumpliment FORM IC - regarding RPI's Identification and certification. This form provides ~~the~~ RPI's

(2)

General information, contact person, Company physical and mailing address.

~~[illegible]~~

(2) GM Form:

This form addresses ~~[illegible]~~ Waste Generation and its Management. It should be filled for each one criteria of waste handled during the reporting period.

Detailed instruction should be followed as per the Hazardous Waste Report Booklet.

(3) C1 Form:

This form addresses ~~[illegible]~~ each ~~[illegible]~~ facility to which the Hazardous Waste were sent to.

Requires the Name, EPA Id number, physical and Mailing Address.

Additional Information Required:

In order to complete the data on Hazardous waste (Quantity generated and Shipped); the data in the Manifest for the reporting period has to be collected, and emptied in the table attached.

Also it has to be requested in memo by December of the reporting period, and to the Environmental Operations Department the data of the quantity, Hz Waste, Manifest no. that was Received In the previous year and Disposed Of in the reporting year.

(4)

This data is needed in order to Balance the scenario of Haz waste managed for the reporting period.

ROCHE Roche Products

Roche Products Inc.
State Road 670 - Km. 2.7
P.O. Box 452
Manatí, Puerto Rico 00674-0452

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

November 22, 1994

Néstor Reyes
P.O. Box 4528
Old San Juan
San Juan, PR 00905

To whom it may concern:

Please be informed that **Chloroaminoketone** is a raw material used in the manufacturing process of Chlordiazepoxide and Chlordiazepoxide HCL.

If I may be of further assistance, please feel free to call me at 854-3020 Ext. 2206.

Cordially,

Carmen M. Rivera
Drug Regulatory Affairs
Coordinator

LYN/ir
RPI No. 31094

xc: Sonia Flores y/o Lourdes Román

ROCHE PRODUCTS INC
INTEROFFICE CORRESPONDENCE
UTILITIES SECTION

M E M O R A N D U M

TO: Teresa Pérez

FROM: Delmer O. Dávila

DATE: March 14, 1995

SUBJECT: **Sara Title III**

There are the consumption during 1994.

Clorine	1,050 lbs.
Silver Nitrate	0
Chromate	176.85 lbs
Sulfuric	33,753 lbs

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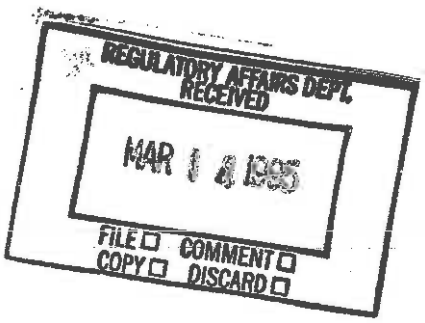

ROCHE PRODUCTS INC.
PRODUCTION PLANNING DEPARTMENT
INTEROFFICE CORRESPONDENCE

February 23,1993

To : Ms. Teresa Perez

From : Eliezer Otero Flores

Subject : HAZARDOUS MATERIAL LIST

Attached please find the list of hazardous materials covered under Tittle III.

This information corresponds to 1992 inventories.

If you have any questions, Please call me at ext. no. 368.

c: Mr. R. Rivera
Ms. E. Verdejo

REGULATORY AFFAIRS DEPT.
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RAW MATERIALS COVERED
UNDER TITTLE III

		MAXIMUM QTY.	KG. USAGE
CODE	PRODUCT	IN KG. STOCK	YEAR
22–025	ACETONE	19,064	24178
22–146	AMMONIA GAS	2,249	5681
22–140	AMMONIA AQUA	2,346	3468
23–545	METHYLENE CHLORIDE	31,555	44598
22–775	DIMETHYL SULFATE	3,885	805
23–075	HIDROCHLORIDE ACID	1,745	593
23–645	MURIATIC ACID	2,970	2686
23–100	HYDROGEN CHL. GAS	932	225
24–725	ZINC DUST	499	418
23–211	ISOPROPYL ALCOHOL	12,009	27009
23–530	METHANOL	21,050	50660
23–535	METHYL BROMIDE	181	136
23–696	NITRIC ACID	6,750	2970
24–415	SULFURIC ACID	3,188	969
24–530	TOLUENE	28,221	98425
23–743	ORTHO XYLENE	2,805	1003
22–055	ALCOHOL 3–A	1,557	163
22–060	ALCOHOL 2–B	25,675	74581
23–560	METHYL ETHYL KETONE	5,584	5400
24–030	PYRIDINE	251	242

INTEROFFICE CORRESPOND... CE
PRODUCTION PLANNING DEPARTMENT

JULY 21, 1992

TO: TERESA PEREZ

FROM: ELIEZER OTERO Eliezer Otero

SUBJECT: SARA TIER III REPORT

RAW MATERIALS COMPOUNDS TOTAL QUANTITY USED DURING 1991

CODE	PRODUCT	QUANTITY	
22025	ACETONE	11,483.0	KG.
22055	ALCOHOL 3A	2,679.0	KG.
22060	ALCOHOL 2B	4,530.0	KG.
22146	AMMONIA GAS	3,080.0	KG.
22140	AMMONIA AQUA	–	KG.
–	BENZOYL CHLORIDE	–	KG.
–	N-BUTYL ALCOHOL	–	KG.
22775	DIMETHYL SULFATE	1,402.0	KG.
23075	HYDROCHLORIC ACID	–	KG.
23100	HYDROGEN CHLORIDE GAS	211.0	KG.
23211	ISOPROPYL ALCOHOL	6,269.0	KG.
23530	METHANOL	25,860.0	KG.
23535	METHYL BORMIDE GAS	–	KG.
23545	METHYLENE CHLORIDE	23,363.0	KG.
23645	MURIATRIC ACID	3,685.0	KG.
23696	NITRIC ACID	–	KG.
23743	ORTHO XYLENE	–	KG.
24415	SULFURIC ACID	3,116.0	KG.
24530	TOLUENE	20,429.0	KG.
23560*	METHYL ETHYL KETONE	5,158.0	KG. 660KG.
24030*	PYRIDINE	9.0	KG.
24725*	ZINC DUST	–	KG.

*ROCHE PHARMA

DISTRIBUTION:

MR. NESTOR J. FLORES
MS. IRIS KUILAN
MR. ELIEZER OTERO
MS. MATIE MUÑOZ
MS. E. VERDEJO

Prepared by: Evelyn Verdejo

CODE	PRODUCT	INV. BAL. 12/31/93	PURCHASES 1994	INV. BAL. 12/31/94	CONSUMPTION 1994
22025	Acetone	99,784.94	39,764.34	112,957.88	26,591.40
22146	Ammonia Gas	7,859.65	12,285.24	11,745.58	8,399.31
22140	Ammonia Agua	3,312.38	7,425.00	8,509.88	2,227.50
23545	Methylene Chloride	449,494.50	369,230.40	126,547.55	692,184.90
22775	Dimethyl Sulfate	6,821.30		4,662.99	2,158.31
23075	Hydrochloric Acid	15,502.94	1,997.60	1,323.94	2,255.59
23645	Muriatic Acid	3,555.31	17,978.40	7,023.79	14,509.92
23100	Hydrogen Chloride Gas	1,334.96	1,308.43	1,256.64	1,386.75
24725	Zinc Dust	1,397.09		719.05	678.04
23530	Methanol	51,034.43	464,011.88	98,068.74	416,977.57
23535	Methyl Bromide	348.68	349.58	399.21	299.05
23696	Nitric Acid	4,165.00	23,790.48	13,566.00	14,389.48
24415	Sulfuric Acid	1,105.83	21,720.60	8,174.19	14,652.24
24530	Toluene	36,540.00	108,000.00	28,148.76	116,391.24
23743	O-xylene	882.00	10,503.68	10,167.75	1,217.93
22055	Alcohol 3A	3,823.86		5,381.90	1,558.04
22060	Alcohol 2B	103,433.15	280,200.23	43,270.46	339,966.92
23560	Methyl Ethyl Ketone	10,707.07	15,353.54	665.02	25,395.59
24030	Pyridine	369.01	880.00	646.54	604.41

ROCHE PRODUCTS INC
INTEROFFICE CORRESPONDENCE
UTILITIES SECTION

M E M O R A N D U M

TO: Teresa Pérez

FROM: Delmer O. Dávila

DATE: March 29, 1994

SUBJECT: **Sara Title III**

There are the consumption during 1993.

Clorine	1,950 lbs.
Silver Nitrate	0
Chromate	88.43 lbs
Sulfuric	34,596 lbs

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REGULATORY AFFAIRS DEPT.
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APR - 4 1994
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COPY ☐ DISCARD ☐

	Initials	Date
Prepared By		
Approved By		

Raw Material Covered Under Sara Title III

1993

Code	Product	Inv. Bal. 12/31/92	Purchases 1993	Inv. Bal. 12/31/93	Consumption 1993
22-025	Acetone	13285	18000	18485	12800
22-146	Ammonia Mes	3368	57715	2454	6629
22-140	Ammonia Lqua	486	1870	1415	941
23-545	methylene Chloride	10897	155405	11014	155288
22-775	Dimethyl Sulfate	3706	-0-	3100	606
23-075	Hydrochloric Acid	1152	-0-	685	467
23-645	Muriatic Acid	2293	5907	-0-	8200
23-100	Hydrogen Chloride Gas	707	-0-	477	230
24-726	Zinc Dust	498	499	635	362
23-530	Methanol	10140	90000	3478	96662
23-535	Methyl Bromide	45	2925	159	2811
23-656	Nitric Acid	3780	5400	1890	7290
24-415	Sulfuric Acid	2116	6240	2435	5931
24-530	Toluene	10972	52800	13244	50528
23-743	Ortho Xylene	1802	2112	432	3482
22-056	Alcohol 3A	1427	2596	3770	253
22-060	Alcohol 2B	23457	108000	19893	111564
23-520	Methyl Ethyl Ketone	15110	6987	5087	17010
24-030	Pyridine	388	400	167	621

FILE COMMENT COPY DISCARD
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ROCHE PRODUCTS INC.
INTEROFFICE CORRESPONDENCE
PRODUCTION PLANNING DEPARTMENT

MEMORANDUM

To : Ms. Teresa Pérez

From : Eliezer Otero

Date : February 28, 1995

Subj.: **HAZARDOUS MATERIAL LIST**

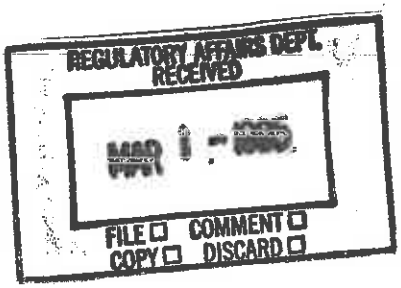
Attached please find the list of **Hazardous Materials** covered under Title III.

This information corresponds to the **1994** inventories.

If you have any questions, please call me at ext. 2523.

Thank you.

EO/mdp



c: Mr. R. Rivera
Ms. E. Verdejo

Attachments

(WP:/hazrlist)

RAW MATERIALS COVERED UNDER TITLE III

CODE	PRODUCT	MAXIMUM QTY IN KG. STOCK	KG. USAGE YEAR
22–025	Acetone	13,082	12,084
22–146	Ammonia Gas	5,691	4,839
22–140	Ammonia Aqua	1,254	297
23–545	Methylene Chloride	252,865	362,725
22–775	Dimethyl Sulfate	3,000	981
23–075	Hidrochloride Acid	1,229	1,480
23–645	Muriatic Acid	6,620	8,639
23–100	Hydrogen Chloride Gas	760	589
24–725	Zinc Dust	635	309
23–211	Isopropyl Alcohol	44,418	27,474
23–530	Methanol	49,443	87,402
23–535	Methyl Bromide	227	135
23–696	Nitric Acid	2,349	6,528
24–415	Sulfuric Acid	7,286	8,357
24–530	Toluene	50,899	67,973
23–743	Ortho Xylene	1,908	162
22–055	Alcohol 3–A	3,138	1,007
22–060	Alcohol 2–B	61,797	154,827
23–560	Methyl Ethyl Ketone	11,845	11,542
24–030	Pyridine	789	274

JHC

ROCHE PRODUCTS INC.
Regulatory Affairs
Interoffice Correspondence

MEMORANDUM

TO: **Distribution**

FROM: **Mrs. Teresa Pérez**

DATE: **January 12, 1994**

SUBJECT: **SARA TITLE III**

As agreed, the next SARA Title III meeting, will be held on January 31, 1994, with the purpose of discussing and presenting the information agreed upon during the meeting held on December 14, 1993. The referenced commitments and responsible persons are listed on Table 1. The meeting will take place at the Regulatory Affairs Conference Room (201) at 9:30 a.m. Your attendance will be appreciated. (*Attachment I*)

Also, attached you will find the list of the substances evaluated for SARA Title III requirements. (*Attachment II*)

If you have any comments, please contact me at extension 493.

TP/jm
M-44

Distribution:

M. Rodríguez - TSD
M. Montalvo - CPD
F. Santiago - CPD
N. Flores - Purchasing
J. Ginés - Distribution
E. Otero - Planning
E. Hernández - Safety
M. Muñoz - RA
L. Nieto - RA

xc: E. Muñiz
T. Alvarado

TABLE 1

Commitment	Responsible Person	Due Date
Chemical consumptions during 1993	Mr. Eliezer Otero	January, 1994
Receiving materials inventory	Mr. Juan Ginés	January, 1994
Sales materials inventory	Ms. Nancy Flores	January, 1994
Hazardous Waste inventory (706) during 1993	Mr. Migdoel Rodríguez	January, 1994
Valves, pumps, fittings inventory for Chemicals reported under SARA requirements.	Mr. Migdoel Rodríguez	February, 1994
Solvent recovery inventory during 1993	Mr. Felix Santiago	January, 1994

RAW MATERIALS COVERED
UNDER SARA TITLE III

CODE	PRODUCT
22-025	ACETONE
22-146	AMMONIA GAS
22-140	AMMONIA AQUA
23-545	METHYLENE CHLORIDE
22-775	DIMETHYL SULFATE
23-075	HYDROCHLORIDE ACID
23-645	MURIATIC ACID
23-100	HYDROGEN CHL. GAS
24-725	ZINC DUST
23-530	METHANOL
23-535	METHYL BROMIDE
23-696	NITRIC ACID
24-415	SULFURIC ACID
24-530	TOLUENE
23-743	ORTHO XYLENE
22-055	ALCOHOL 3-A
22-060	ALCOHOL 2-B
23-560	METHYL ETHYL KETONE
24-030	PYRIDINE

III-48

OMB#: 2050-0024 Expires 8/31/96

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Roche Products Inc. MANATI

EPA ID NO: PRD 090 584 152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM IC

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 8 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I Site name and location address. Complete A through H. Check the box ☐ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 10.

A. EPA ID No. Same as label ☐ or → PRD 090 584 152

B. County Puerto Rico

C. Site/company name Same as label ☐ or → Roche Products Inc.

D. Has the site name associated with this EPA ID changed since 1991? ☐ 1 Yes ☒ 2 No

E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description. Same as label ☐ or → State Road 670 km 2.7

F. City, town, village, etc. Same as label ☐ or → MANATI

G. State Same as label PR

H. Zip Code Same as label 00674-0452

Sec. II Mailing address of site. Instruction page 10.

A. Is the mailing address the same as the location address? ☐ 1 Yes (SKIP TO SEC. III) ☒ 2 No (GO TO BOX B)

B. Number and street name of mailing address P.O. Box 452

C. City, town, village, etc. MANATI

D. State PR

E. Zip Code 00674-0452

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 10.

A. Please print: Last Name Nieto First name Ligia M.I. Y.

B. Title Environmental Affairs Coordinator

C. Telephone 809 854-3029 Extension 2202

Sec. IV "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name First name M.I.

B. Title Vice President

C. Signature

D. Date of signature 02 28 94 (MO. DAY YR.)

FORM GM

Region 2

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Roche Products Inc Manati

EPA ID NO: PRD 090 584 152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 18 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - instruction page 18. LAB PACKs of Laboratory Wastes and off specification Chemicals

B. EPA hazardous waste code Page 19. LAB P N/A N/A N/A N/A

C. State hazardous waste code Page 19. N/A N/A

D. SIC code Page 19.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2834	1 / M N/A	A 94	1	B 003	2

Sec. II A. Quantity generated in 1992 Instruction Page 21. 0.0

B. Quantity generated in 1993 Page 21. 2.2

C. UOM Page 21. 2 Density N/A ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22. M N/A

Quantity treated, disposed, or recycled on site in 1993 N/A

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22. M N/A

Quantity treated, disposed, or recycled on site in 1993 N/A

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1	[redacted] 718	M [redacted]	[redacted]	2.2
Site 2	NJD 980 536 593	M 049	1	0.0

Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W W W W	☐ 1 Yes ☐ 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Roche Products Inc. MANATI

EPA ID NO: PRD 090 584 152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I A. Waste description - Instruction page 18. Waste oil aliphatics

B. EPA hazardous waste code Page 18. D001 D008 F003 F005 N/A

C. State hazardous waste code Page 18. N/A

D. SIC code Page 18.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
2834	M N/A	A 59	1	B 206	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
14.3	3.6	2 / N/A ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M N/A	N/A

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M N/A	N/A

Sec. III A. Was any of this waste shipped off-site in 1993 Instruction page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1	PRD 090 399 718	M 051	1	3.6
Site 2	N/A	M N/A		N/A

Sec. IV A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 28.
W W W W	☐ 1 Yes ☐ 2 No			

Comments:

FORM GM

Sign 93

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Roche Products Inc. MANATI

EPA ID NO: PRD 090 584 152

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Spent Solvent mixture from the Pharmaceutical & Chemical [illegible]

B. EPA hazardous waste code Page 19.
D001 D001
F002 F005 F003

C. State hazardous waste code Page 19.
N/A N/A

D. SIC code Page 19.
2834

E. Origin code 1 Page 19 System Type M N/A

F. Source code Page 20.
A 09

G. Point of measurement Page 20.
1

H. Form code Page 20.
B 204

I. RCRA - radioactive mixed Page 20.
2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.
484.7

B. Quantity generated in 1993 Page 21.
174.7

C. UOM Page 21.
2

Density
N/A
☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.
M N/A

Quantity treated, disposed, or recycled on site in 1993
N/A

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.
M N/A

Quantity treated, disposed, or recycled on site in 1993
N/A

Sec. III

A. Was any of this waste shipped off-site in 1993 Instruction page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC IV)

Site	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1 [illegible]	PRD 090 399 718	M 051	1	146.2
Site 2	N/A	N/A		N/A

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.
~~1 Yes (CONTINUE TO SYSTEM 1)~~
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
~~W 1 W 24~~	~~1 Yes~~ ~~2 No~~	N/A	N/A	

Comments: [illegible] (A-32, A-34)

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Roche Products Inc. Manati

EPA ID NO: PRD 090 584 152

FORM GM

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Spent Carbon, methylene Chloride, Isopropyl alcohol, Ethanol Methyl Ethyl Ketone from replacement of carbon used.

B. EPA hazardous waste code Page 18.
D001 F002
D002 F003 N/A

C. State hazardous waste code Page 18.
N/A

D. SIC code Page 19. 2834

E. Origin code Page 19. System Type M: N/A

F. Source code Page 20. A: 56

G. Point of measurement Page 20. 8

H. Form code Page 20. B: 704

I. RCRA - radioactive mixed Page 20. 2

Sec. II

A. Quantity generated in 1992 Instruction Page 21. 4.7

B. Quantity generated in 1993 Page 21. 5.1

C. UOM Page 21. 2 Density N/A ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22. M: N/A

Quantity treated, disposed, or recycled on site in 1993 N/A

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22. M: N/A

Quantity treated, disposed, or recycled on site in 1993 N/A

Sec. III

A. Was any of this waste shipped off-site in 1993 Instruction page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1 Safety-Kleen	PRD 090 399 718	M: 043	1	5.3
Site 2	N/A	M: N/A	N/A	N/A

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W: W: W: W:	☐ 1 Yes ☐ 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: Roche Products Inc MANATI

EPA ID NO: PRD 090 5 4 152

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 19.

B. EPA hazardous waste code Page 19. D002

C. State hazardous waste code Page 19.

D. SIC code Page 19.

E. Origin code 1 Page 19 System Type M

F. Source code Page 20. A

G. Point of measurement Page 20.

H. Form code Page 20. B

I. RCRA - radioactive mixed Page 20.

Sec. II

A. Quantity generated in 1992 Instruction Page 21. 16.8

B. Quantity generated in 1993 Page 21.

C. UOM Page 21. Density ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22. N/A M

Quantity treated, disposed, or recycled on site in 1993

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22. N/A M

Quantity treated, disposed, or recycled on site in 1993 N/A

Sec. III

A. Was any of this waste shipped off-site in 1993 Instruction page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC IV)

Site 1	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Safety Kleen	PRD 090 399 718	M 051	1	0.7
Site 2	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
~~Rollins~~	~~PRD 090 395 1[illegible]~~	~~M 0[illegible]~~		~~0.[illegible]~~

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24. W W W W

C. Other effects Page 24.
☐ 1 Yes
☐ 2 No

D. Quantity recycled in 1993 due to new activities Page 25.

E. Activity/production index Page 25.

F. 1993 source reduction quantity Page 26.

Comments: Sec 1-B (F-002, P-024)

ROCHE PRODUCTS INC.
INTEROFFICE CORRESPONDENCE
Maintenance Section

MEMORANDUM

TO: Teresa Pérez

FROM: José Serrano

DATE: December 22, 1994

SUBJECT: **TIER I & II REPORTING REQUIREMENTS**

Please find below gasoline and diesel inventory in our plant site during the period from January 1 to December 31, 1994, as required by SARA (Superfund Amendments and Re-Authorization Act of 1986).

GASOLINE:

a. Maximum daily amount . . . . . 3,000 gallons
b. Average daily amount . . . . . 1,500 gallons
c. Number of days on site . . . . . 365 days
d. Type of storage . . . . . Tank
e. Storage locations - (On site at front of 503 Bldg. south area)

DIESEL:

a. Maximum daily amount . . . . . 2,000 gallons
b. Average daily amount . . . . . 1,000 gallons
c. Number of days on site . . . . . 365 days
d. Type of storage . . . . . Tank
e. Storage locations - (On site at front of 503 Bldg. south area)

PROPANE GAS:

a. Maximum daily amount . . . . . 450 gallons
b. Average daily amount . . . . . 250 gallons
c. Number of days on site . . . . . 365 days
d. Type of storage . . . . . Cylinder
e. Storage locations - (At west side of 503 Bldg.)

If additional information is needed, please do not hesitate to contact me at ext. 2118.

JS/nm
(wp51\memos\tier-rep)

REGULATORY AFFAIRS DEPT.
RECEIVED
JAN - 9 1995
FILE ☐ COMMENT ☐
COPY ☐ DISCARD ☐

REGULATORY AFFAIRS DEPT.
RECEIVED
FEB 2 0 1992
FILE ☐ COMMENT ☐
COPY ☐ DISCARD ☐

ROCHE PRODUCTS INC.
Utilities Section

M E M O R A N D U M

TO: Teresa Pérez

FROM: Margie Rodríguez

DATE: February 20, 1992

SUBJECT: **ANALYSIS FOR TIER I & II REPORT**

As requested on your memo dated Feb. 11, 1992, follows the information on kerosene and chlorine inventories on site covering the period from January 1 to December 31, 1991. In addition, enclosed are figures for sulfuric acid and chromate.

	Kerosene	Chlorine	Sulfuric Acid	Chromate
Maximum Daily Amount	1,360,945/lbs.	1,350/lbs.	8,000/lbs.	954/lbs.
Average Daily Amount	1,168,699/lbs.	1,125/lbs	4,000/lbs.	900/lbs.
Number of days on site	365/days	365/days	365/days	365/days
Type of Storage	(*) Tank	(+)Cylinder	(x) Drums	(°)Drums
Storage Location	North of 502 Bldg.(Energy Center)	Cooling Tower	Chemical Storage	Chemical Storage

(*) Above ground
(x) 800 lbs./each
(+) 150 lbs./each
(°) 197 lbs. & 310 lbs. (35 gals. & 55 gals.)

If you need additional information, please contact me at Ext. #449.

MR/nm

c: T. Alvarado

TRC

Customer-Focused Solutions

2000 Third Quarterly Report

Post Closure Monitoring for Wastewater Basins

Presented to:

ROCHE

Roche Products, Inc.
Manati, Puerto Rico

Prepared by:

TRC

Foot of John Street
Boott Mills South
Lowell, Massachusetts 01852
(978) 970-5600

December 2000

2000 THIRD QUARTERLY MONITORING REPORT
POST CLOSURE MONITORING FOR WASTEWATER BASINS
ROCHE PRODUCTS, INC.

MANATI, PR

REV. 0

December 1, 2000

TRC Project 23477001

TRC
BOOTT MILLS SOUTH
FOOT OF JOHN STREET
LOWELL, MA 01852
(978) 970-5600

DISCLAIMER

This report has been prepared for Roche Products, Inc. (RPI), and is intended for use solely by RPI pursuant to contractual documents between TRC and RPI. All professional services performed and reports generated by TRC have been prepared solely for RPI purposes as described in the contract. The information, statements and conclusions contained in this report have been prepared in accordance with the work statement and contract terms and conditions. This report may be subject to differing interpretations and/or may be misinterpreted by third persons or entities whom were not involved in the investigative or consultation process. TRC expressly disclaims any liability to persons other than RPI who may use or rely upon this report.

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1.0 INTRODUCTION

Roche Products Inc. (RPI) retained TRC in November 1994 to perform the alternate closure investigative activities at RPI's Manati, PR facility ("site" or "facility"). The purpose of the closure investigations was to determine if any contaminants were present external to the basins at significant levels. This information was needed to address EPA closure requirements. Specific remedial responses, depending on the presence/absence of contaminants, and levels encountered, were specified in the EPA-approved closure plan. TRC implemented the approved closure plan for the wastewater basins in November 1994. The Closure Plan fieldwork was completed by TRC in April 1995. Subsequently, the closure report was completed and submitted to EPA in August 1995. The data gathered during closure supported the conclusion that, consistent with the EPA-approved alternate Closure Plan, no further remedial action is needed for the wastewater basins. EPA concluded in May 1996 that the closure has been implemented, and that post-closure monitoring should commence. RPI submitted the post-closure monitoring plan, which outlined the planned monitoring activities, and post-closure care provisions to be implemented at the RPI facility, in July 1996. EPA approved the RPI Post-Closure Monitoring Plan (PCMP) via letter dated September 5, 1997. EPA's September 5, 1997 approved RPI's monitoring plan contingent upon additional soil sampling, to be incorporated into the post-closure monitoring plan. Roche responded to the contingency request by letter dated October 31, 1997, which amended the PCMP by adding specific provisions for soil sample collection following the final round of post closure monitoring. TRC was retained in January 1998 to implement the post-closure monitoring program. To date, eight quarterly rounds of post-closure monitoring were completed in 1998 and 1999 and two in 2000. This report presents the findings from the third quarterly post-closure monitoring event in 2000. This is the third quarterly report of year three of the three-year post-closure monitoring period.

2.0 SAMPLING AND ANALYSIS

2.1 Description of Soil-gas Sampling Activities

2.1.1 Soil-gas Monitoring Well Locations

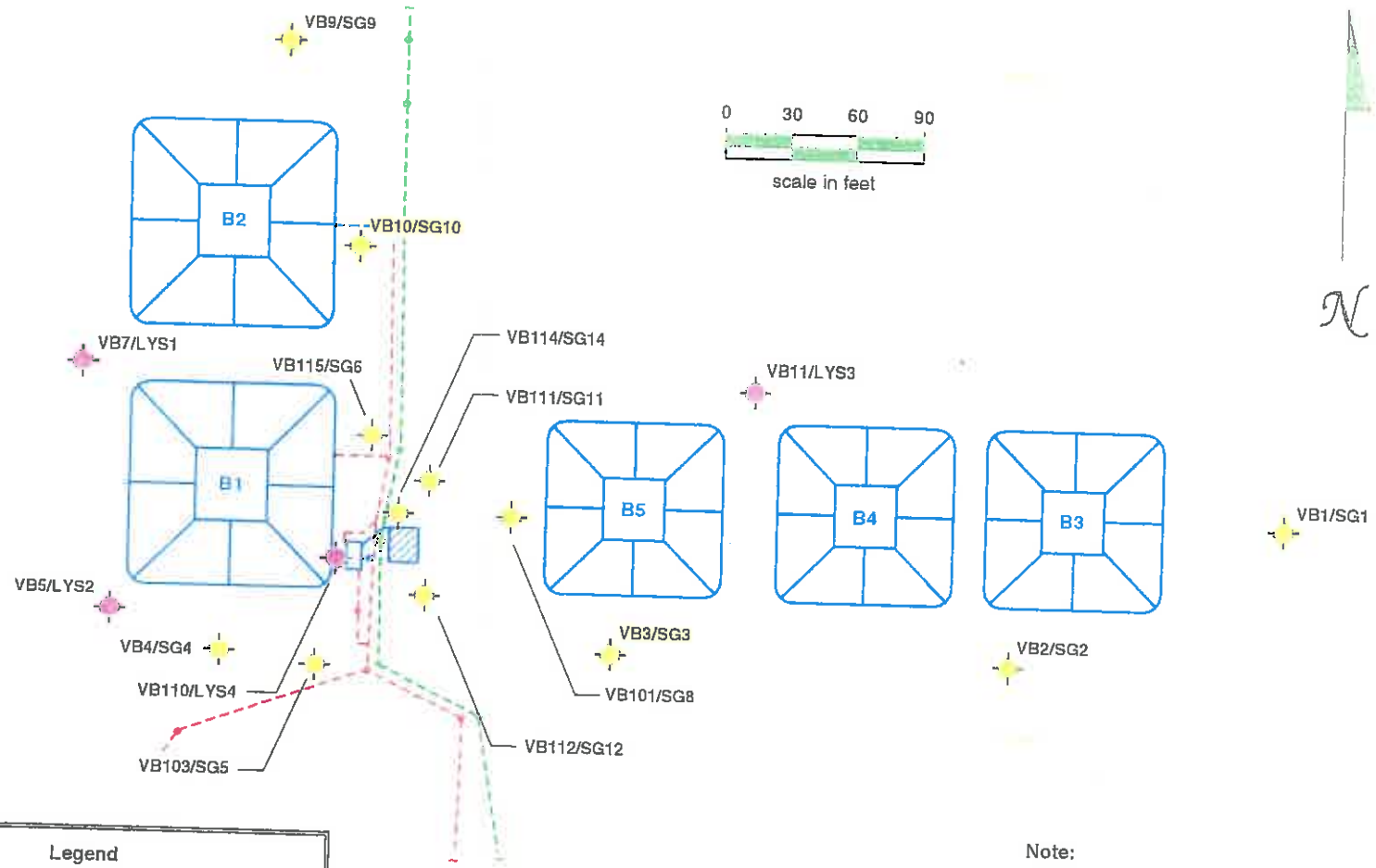
A total of six soil-gas monitoring wells were installed for post-closure monitoring at the facility during closure. The locations of each of these monitoring wells are illustrated in Figure 1. These soil-gas monitoring wells are designated SG1, SG2, SG3, SG4, SG5, and SG6. Additionally, SG8, SG9, SG10, SG11, SG12 and SG14 were installed as part of proactive supplemental work performed by RPI during closure. Post-closure sampling was performed on SG1, SG2, SG3, SG4, SG5, SG6, SG12 and SG14 (collectively referred to as "target wells") in accordance with the approved post-closure monitoring plan.

2.1.2 Soil-gas Sampling

Samples of soil-gas were obtained by applying a vacuum to the soil vapor monitoring wells. The vacuum was applied by employing a blower package, which generated a measurable gas flow rate from the well. The blower package consisted of an explosion proof motor and a motor starter, in explosion proof housing. Pressure (induced vacuum), temperature, and gas flow rate were measured on the vacuum (inlet) side of the blower (prior to blower intake). A sampling port on the inlet side of the blower at the well head was used to fill Tedlar bags for analysis by gas chromatography for contaminants of concern. In addition, exhaust gas samples were measured for Lower Explosive Level (LEL), oxygen content, and total VOC by PID (11.7 eV lamp) and FID (OVA) methods. Further details are presented in the following discussions.

2.1.3 Soil-gas Well Purge Measurements

Pressure measurements were obtained via a magnahelic vacuum gauge mounted to the PVC pipe, installed at the well head. Gas flow and temperature were determined by measurements made using a Kurz mini-anemometer and an Omega Type T thermocouple. Gas flow rates were calculated by using standard method, EPA Method 2D, "Measurement of Gas Volumetric Flow



Legend

- Wastewater Treatment Basin
- Pre-clarifier
- Former Toluene Decant Tank
- Vertical Borings/Soils Gas Wells
- Vertical Borings/Lysimeters
- Manhole to Sanitary Wastewater Sewer Line
- Manhole to Process Wastewater Sewer Line
- Concrete Sump

Note:

All manholes are depicted smaller than actual size for presentation purposes. These structures have an actual diameter of five feet.

Figure 1.

TRC Environmental Corporation

SOIL GAS MONITORING WELL AND LYSIMETER LOCATIONS

ROCHE PRODUCTS
MANATI, PUERTO, RICO

L96-145/H

Rates in Small Pipes and Ducts". A minimum of 10 well volumes of air was evacuated from the wells prior to sampling.

2.1.4 Sampling Method

Soil-gas monitoring well vents were sampled using an integrated flue gas sampling train consisting of a lung sampler/SKC pump coupled to the sample port via a 1/4 in. Teflon sample line. The pump discharged the sample to a 15.0 Liter Tedlar bag also via 1/4 in. Teflon sample line. The tedlar bags used for collection at each well have been dedicated to each well. Sampling was conducted at a rate of approximately 1.0 Liter/min. The LEL, oxygen content, and total VOC values were taken before sampling and after sampling. Due to the continuous vacuum in the well, the instruments were used to monitor the discharge from the sample port for pre-sampling/initial measurements and from the tedlar bag for post-sampling measurements.

2.1.5 Field Laboratory Analysis of Soil-gas Samples

Analysis of samples was performed in the field following EPA Method 18, " Measurement of Gaseous Organic Compound Emissions by Gas Chromatography". The analysis of the volatile organic compounds: acetone, methylene chloride, toluene, and xylene isomers was performed on each of the subsurface soil-gas samples. In addition to these samples, quality assurance samples were collected and analyzed.

2.2 Description of Vadose Zone Soil Moisture Monitoring Activities

2.2.1 Soil Moisture Monitoring Locations

A total of four lysimeters were installed for post-closure monitoring at the facility during closure. The location of each of these monitoring locations is illustrated in Figure 1. The lysimeters were designated LYS1, LYS2, LYS3, and LYS4. Four lysimeters of the high-pressure/vacuum design, were installed to allow the long-term monitoring of pore-liquids in the vadose zone near the WWTS basins. The intent of installation of these devices was to provide a means for detecting potential leachate releases from the basins while the leachate is still in the vadose zone.

Lysimeters are specialized devices that allow the entry of pore-liquids from the vadose zone through a ceramic cup while preventing the entry of vapors. This feature makes liquid sampling possible in the vadose zone since it selectively allows the entrance of liquids from a subsurface zone that may be dominated by vapors.

2.2.2 Lysimeter Construction

The construction details of lysimeters were illustrated in Figure 4 of the PCMP and are therefore not repeated herein. Lysimeter construction logs illustrating site-specific closed cup placement were provided in Appendix A of the PCMP.

2.2.3 Lysimeter Sampling

Sample collection procedures followed the operational instructions of the unit manufacturer's instructions and ASTM D4696. Lysimeters were checked in the field for the presence/absence of soil moisture. This was accomplished by inducing a sealed vacuum at the lysimeter vacuum port. Once the vacuum was applied, this promoted soil moisture (if present) to transmit through the ceramic cup from the surrounding vadose zone and accumulate in the unit's inner storage chamber. The soil moisture was sampled and analyzed for acetone, methylene chloride, toluene and xylenes via EPA Method 8260B. In addition, Total Organic Carbon (TOC) and Total Halogenated Organics (TOX) aliquots were collected and analyzed. TOC and TOX were analyzed by EPA Methods 9060 and 9020B, respectively. Field measurements of pH and conductivity were recorded if sufficient, additional recovered moisture volume was available. TRC conducted field measurements of conductivity using a Cole-Palmer Inc. model 19815-00 Measurement of pH was conducted with an Accumet Inc. model 10, pH meter. The specific details of the sampling activities are discussed below.

2.2.4 Lysimeter Sample Collection

As specified in the PCMP, the lysimeters were initially opened and a vacuum was induced. The induced vacuum condition was equivalent to, but did not exceed, the limitations of the individual performance tests that were performed prior to installation of the lysimeters (see Section 2.2.4 of

the PCMP). In general, a vacuum of approximately 60 to 70 centibars was applied to each lysimeter vacuum port. As indicated during the pre-installation performance testing, the units were allowed to operate at full vacuum condition.

Once a minimum time of twelve hours had elapsed with the units under vacuum, a positive pressure was applied to the unit's vacuum line to allow collection of a sample of the soil moisture from the sampling port line. The sampling lines were pressurized gently to allow smooth sample collection rates and minimize any excess volatilization of the available liquid. Available soil moisture was collected directly into pre-preserved laboratory bottles as described in PCMP.

2.2.5 Contingency Lysimeter Operations

As was the case during the previous ten monitoring rounds, TRC repeated the sample collection sequence at each location until adequate volume for all of the intended analyses were obtained. The October 2000 sampling exercise provided sufficient soil moisture in all four lysimeter locations for laboratory analyses following completion of iterative sample collection actions. As described in the PCMP, the units that failed to produce adequate volume for analysis following initial vacuum application had vacuum re-induced and were allowed to pull moisture for additional time intervals. Based on the 11 completed rounds, all four lysimeters remain capable of yielding soil moisture if moisture is present and available in the subsurface.

The vacuum/pressurization sampling sequence was repeated at all lysimeter locations in order to achieve the maximum soil moisture available at each lysimeter location. The following summarizes the results of lysimeter sampling volumes achieved and analyses conducted from the October 2000 sampling round.

- LYS-1 produced moisture volumes adequate for all laboratory analyses. However, low volume was submitted for the TOC/TOX analyses and no pH/Conductivity aliquot was available for these field measurements.

- LYS-2 produced moisture volumes adequate for all laboratory analyses. However, low volume was submitted for the TOC/TOX analyses and no pH/Conductivity aliquot was available for these field measurements.
- LYS-3 produced moisture volumes adequate for all laboratory and field analyses.
- LYS-4 produced moisture volumes adequate for all laboratory and field analyses. Also, a duplicate sample volume for VOC's and TOC/TOX analyses (designated as location LYS-05 on the COC).

2.2.6 Laboratory Analysis Performed

Analysis of aqueous samples for the specific volatiles (acetone, methylene chloride, toluene and xylenes) was performed. In addition, Total Organic Carbon (TOC) and Total Halogenated Organics (TOX) were analyzed for in the lysimeter samples. TRC contracted Analytical Environmental Services International (AESI) to complete analyses following EPA Method 8260B, " Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS): Capillary Column Technique, TOC by EPA Method 9060, and TOX by EPA Method 9020B as specified in the PCMP.

The QA plan within Appendix B of PCMP was followed during implementation of the PCMP. Quality assurance samples that were collected by TRC and analyzed by AES consisted of a trip blank and a blind duplicate sample. The blind duplicate sample aliquots were collected at LYS-04 as described above and were identified as LYS-05 on the Chain-of-Custody. The results of the analysis of the duplicate pair are presented in Section 3.

HAZARDOUS KG _____

NON-HAZARDOUS KG _____

TOTAL 4,800.5

HAZARDOUS WASTE OPERATIONS

RECORD OF DISPOSAL

PAGE 1

MANIFEST 96032

SHIPMENT DATE 7-17-96

RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	TYPE	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
GCI-CPD	10612	Carbon Activated X50	7-13-96	7-17-96	4 dias	1		154.0		✓	
"	10613	"	"	"	"	1		160.0		✓	
"	10614	"	"	"	"	1		153.0		✓	
"	10615	"	"	"	"	1		159.0		✓	
"	10616	"	"	"	"	1		157.0		✓	
"	10617	"	"	"	"	1		159.0		✓	
"	10618	"	"	"	"	1		157.0		✓	
"	10619	"	"	"	"	1		159.0		✓	
"	10620	"	"	"	"	1		155.0		✓	
"	10621	"	"	"	"	1		154.0		✓	
"	10622	"	"	"	"	1		160.0		✓	
"	10623	"	"	"	"	1		153.0		✓	
"	10624	"	"	"	"	1		159.0		✓	
"	10625	"	"	"	"	1		157.0		✓	
"	10626	"	"	"	"	1		159.0		✓	
GCI-CPD	10627	Carbon Activated X-150	"	"	"	1		155.0		✓	
GCI-DX-10	9996	69% Potassium Chloride	3-21-96	"	3 meses 2 dias	1		141.0		✓	
"	9997	"	"	"	"	1		148.0		✓	
"	10043	"	3-25-96	"	3 meses 21 dias	1		152.0		✓	
"	10052	"	4-1-96	"	3 meses 15 dias	1		149.0		✓	
"	10053	"	"	"	"	1		155.0		✓	
GCI-DDC-03	10224	25.3% MeCl2	5-13-96	"	2 meses 5 dias	1		189.0		✓	
GCI-CB-07	10308	35% MeOH	5-17-96	"	2 meses 1 dias	1		179.0	✓		
GCI-V-07	10391	48% Ammonium Bromide	5-24-96	"	1 mes 19 dias	1		189.0		✓	
GCI-CPD	925	ABS. Ads 40 0.2	12-19-95	"	6 meses 2 dias	1		305		✓	
					TOTALS	25		3,842.5			

HAZARDOUS KG _____
NON-HAZARDOUS KG _____
TOTAL _____

HAZARDOUS WASTE OPERATIONS
RECORD OF DISPOSAL

PAGE 2
MANIFEST 96032
SHIPMENT DATE 7-17-96

RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	TYPE	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-CPD	N-936	ABS. Pads up VIU	12-19-95	7-17-96	6 meses 39 dias	1		138.0		✓	
601-V-12	N-933	Hyflo up C.R.	10-12-95	"	8 meses 30 dias	1		48.0		✓	
"	N-940	"	4-28-96	"	2 meses 19 dias	1		50.5		✓	
601-V-10	N-934	70.3% Hyflo	12-13-95	"	6 meses 30 dias	1		150.5		✓	
"	N-939	"	2-16-96	"	4 meses 30 dias	1		112.0		✓	
601-V-13	N-938	55% CHARCOAL	2-5-96	"	5 meses 3 dias	1		120.0		✓	
601-V-10		70.3% Hyflo	7-17-96	"	1 dias	1		59.0		✓	
601-V-12		Hyflo up C.R.	"	"	"	1		60.0		✓	
601-V-13		55% CHARCOAL	"	"	"	1		115.0		✓	
601-V13		"	"	"	"	1		105.0		✓	
					TOTALS	10		958.0			

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 82178
BATON ROUGE, LOUISIANA 70884-2178

PLEASE PRINT OR TYPE (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 Expires 9-[illegible]-96

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: PRD000050415296 — Manifest Document No.: 032
2. Page 1 of 2
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: In Emergency see box # 15
ROCHE PRODUCTS, INC
P O BOX 452
MANATI, PR 00674-
4. Generator's Phone: (787)884-2133 ATTN: MADELINE MONTALVO

A. State Manifest Document Number: LA A 6366306
B. State Generator's ID:

5. Transporter 1 Company Name: EQUIPOS DE BORINQUEN
6. US EPA ID Number: PRR000002634
C. State Transporter's ID: HW-39
D. Transporter's Phone: (787)781-5811

7. Transporter 2 Company Name: SEA LAND, INC.
8. US EPA ID Number: PRD080527022
E. State Transporter's ID:
F. Transporter's Phone: (787)793-6600

9. Designated Facility Name and Site Address: ROLLINS ENVIRONMENTAL SERVICE (LA), INC.
13351 SCENIC HIGHWAY
BATON ROUGE, LA 70807
10. US EPA ID Number: LAD010395127
G. State Facility's ID:
H. Facility's Phone: 504-778-1234

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Hazardous waste, solid, n.o.s., (Silicone Dioxide), 9, NA3077, PG III	001	DM	00416	P	F002
b. Waste Flammable liquids, n.o.s., (Methanol), 3, UN1993, PG II, RQ (100)	001	DF	00394	P	D001
c. Waste Flammable solid, n.o.s., (Isopropanol), 4.1, UN1325, PG III	005	DM	01639	P	D001
d. Waste Carbon Activated, 4.2, UN1362, PG III	016	DM	05523	P	D001

J. Additional Descriptions for Materials Listed Above
11a) BR-049797-370 F002 D006 D008 DRUM, CD REQUIRED
11b) BR-050271-144 D001 F003, DRUM
11c) BR-051618-370 D001, DRUM
11d) BR-054000-370 D001 F002, DRUM

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In case of emergency contact CHEMTREC at (800)424-9300 and mention 'Labpack.' If undeliverable return to generator. If spilled in Louisiana contact the Department of Public Safety at (504)925-6595. Avoid ingestion, inhalation and skin contact. D.O.T. Emergency Response #'s 11a. 31 11b. 27 11c. 32 11d. Project PR3-95-001[illegible]-008. While in port or on water, if an accident occurs call US COAST GUARD at (800)424-8802.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a [illegible] to reduce the volume and toxicity waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimize the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize the waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Arnaldo López — Signature: Arnaldo López — Month Day Year: 07 17 96

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Wilfredo Mendes — Signature: Wilfredo Mendes — Month Day Year: 07 17 96

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Month Day Year:

GENERATOR

IF SPILLED IN LOUISIANA CALL THE LOUISIANA HAZMAT UNIT AT 504/925-6595 (DAY OR NIGHT)

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 82178
BATON ROUGE, LOUISIANA 70884-2178

PLEASE PRINT OR TYPE (Form designed to use on elite 12-pitch typewriter.) Form approved OMB No. 2050-0039 Expires 9-30

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's U.S. EPA ID Number: [illegible] | Manifest Document No.: 9.6032 | 22. Page: 02

Information in the shaded areas is required by Federal Law.

23. Generator's Name: ROCHE PRODUCTS, INC
P O BOX 452
MANATI, PR 00674-
(787)884-2133 ATTN: MADELINE MONTALVO

In Emergency see box # 32

L. State Manifest Document Number: LAA6366306

M. State Generator's ID:

24. Transporter 3 Company Name: MATLACK, INC.

25. U.S. EPA ID Number: D·E·D· 1·1·1·0·1·66

N. State Transporter's ID:

O. Transporter's Phone: (302)628-5225

26. Transporter ____ Company Name:

27. U.S. EPA ID Number: . . . . . .

P. State Transporter's ID:

Q. Transporter's Phone:

28. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol.	R. Waste No.
a. Environmentally hazardous substances, solid, n.o.s., (Methylene Chloride), 9, UN3077, PG III	0.0 1	D.M	0.0.4.1.6	P	F002
b. Not a DOT Regulated material, Non an EPA hazardous waste, (Pads with oil)	0.0 2	D.M	0.0.3.7.1	P	NONE
c. Not a DOT Regulated Material, Non an EPA hazardous waste, (601-V-12)	003	DM	00383	P	NONE
d. Not a DOT Regulated Material, Non an EPA hazardous waste, (601-V-10)	003	DM	00708	P	NONE
e. Not a DOT Regulated Material, Non an EPA hazardous waste, (601-V-13)	003	DM	00748	P	NONE
f.	. .	.	. . . .		
g.	. .	.	. . . .		
h.	. .	.	. . . .		
i.	. .	.	. . . .		

S. Additional Descriptions for Materials Listed Above

28a BR-058583-370 F002 F005, DRUM
28b BR-052617-370 NONE, DRUM
28c BR-050633-370 (601-V-12)
28d BR-050633-370 (601-V-10)
28e BR-050633-370 (601-V-13)
28f
28g
28h

T. Handling Codes for Waste Listed Above

32. Special Handling Instructions and Additional Information: Call CHEMTREC at (800)424-[illegible]00 and mention 'Labpack.' If undeliverable return to generator. If spilled in Louisiana contact the Department of Public Safety at (504)925-6595. Avoid ingestion, inhalation and skin contact. D.O.T. Emergency Response #'s 28a. 31 28b. Project PR3-9[illegible]011-008

33. Transporter ____ Acknowledgement of Receipt of Materials

Printed / Typed Name | Signature | DATE Month Day Year

34. Transporter ____ Acknowledgement of Receipt of Materials

Printed / Typed Name | Signature | DATE Month Day Year

GENERATOR

SPILLED IN LOUISIANA CALL THE LOUISIANA HAZMAT UNIT AT 504/925-6595 (DAY OR NIGHT)

EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete

DEQ Form HW-[illegible] 11

ARBS IS KG_____

DN-HAZARDOUS KG_____

OTAL 6,087.5

HAZARDOUS WASTE OPERATIONS

RECORD OF DISPOSAL

PAGE 1

MANIFEST 96031

SHIPMENT DATE 7-17-96

RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	TYPE	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601-CPD	10628	99.6% meOH	7-17-96	7-17-96	1 day	1		160.5	✓		
601-DL	10629	100% IPA	"	"	"	1		165.0	✓		
"	10630	"	"	"	"	1		155.0	✓		
"	10631	"	"	"	"	1		161.0	✓		
"	10632	"	"	"	"	1		159.0	✓		
"	10633	"	"	"	"	1		163.0	✓		
601 B-08	10634	Etoh Residues	"	"	"	1		157.0	✓		
601 CPD	10635	22% TOL	"	"	"	1		164.0	✓		
601-V	10636	100% Acetone	"	"	"	1		156.0	✓		
"	10637	96.6% Etoh	"	"	"	1		162.0	✓		
"	10638	"	"	"	"	1		158.0	✓		
"	10639	"	"	"	"	1		166.0	✓		
"	10640	90.7% Etoh	"	"	"	1		154.0	✓		
"	10641	90.2% Etoh	"	"	"	1		160.5	✓		
"	10642	"	"	"	"	1		165.0	✓		
"	10643	99.3% Etoh	"	"	"	1		155.0	✓		
"	10644	"	"	"	"	1		161.0	✓		
"	10645	"	"	"	"	1		159.0	✓		
"	10646	100% TOL	"	"	"	1		163.0	✓		
"	10647	"	"	"	"	1		157.0	✓		
"	10648	"	"	"	"	1		104.0	✓		
"	10649	"	"	"	"	1		156.0	✓		
"	10650	"	"	"	"	1		162.0	✓		
"	10651	90.7% Etoh	"	"	"	1		158.0	✓		
"	10652	"	"	"	"	1		166.0	✓		
					TOTALS	25		4,007.0	25		

ARDOUS KG__________
ON-HAZARDOUS KG__________
OTAL__________

PAGE 2
MANIFEST 96031
SHIPMENT DATE 7-17-96

HAZARDOUS WASTE OPERATIONS

RECORD OF DISPOSAL

RPI CODE	ID	DESCRIPTION	ACCUMULATION DATE	DATE OF DISPOSAL	ACCUMULATION TIME	QUANTITY	TYPE	KILOGRAMS	CLASS LIQUID	CLASS SOLID	CLASS OTHERS
601 CPD-01	10653	Tol Still Bottom	7-17-96	7-17-96	1 dia	1		154.0	✓		
"	10654	"	"	"	"	1		160.5	✓		
"	10655	"	"	"	"	1		165.0	✓		
601-V	10656	99.3% EtOH	"	"	"	1		155.0	✓		
"	10657	"	"	"	"	1		161.0	✓		
"	10658	"	"	"	"	1		159.0	✓		
"	10659	100% Toluene	"	"	"	1		163.0	✓		
"	10660	"	"	"	"	1		157.0	✓		
"	10661	"	"	"	"	1		164.0	✓		
"	10662	"	"	"	"	1		156.0	✓		
"	10663	"	"	"	"	1		162.0	✓		
"	10664	"	"	"	"	1		158.0	✓		
"	10665	"	"	"	"	1		166.0	✓		
					TOTALS	13		2,080.5	13		

SKE-2

6

COMMONWEALTH OF PUERTO RICO
ENVIRONMENTAL QUALITY BOARD

Environmental Quality Board

P.O. Box 11488, Santurce, Puerto Rico 00910

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. P R D 0 9 0 5 8 4 1 5 2 — Manifest Document No. 91603 JJ

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
[illegible] 62-1370
P.O. BOX 452 (RD. 670, KM 2.7)
MANATI, P.R. 00674

4. Generator's Phone (787) 854-2020 P.O. #28728

A. State Manifest Document Number

B. State Generator's ID

5. Transporter 1 Company Name: SAFETY-KLEEN ENVIROSYSTEMS CO. OF P.R.

6. US EPA ID Number: P R D 0 9 0 3 9 9 7 1 8

C. State Transporter's ID: [illegible]-02

D. Transporter's Phone: [illegible] 854-1090

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Safety-Kleen Envirosystems Co. of Puerto Rico, Inc.
P.O. Box 31098, Hwy. 2 Km. 51.0
Manatí, Puerto Rico [illegible] 00674

10. US EPA ID Number: P R D 0 9 0 3 9 9 7 1 8

G. State Facility's ID

H. Facility's Phone: [illegible] 854-1090

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit WT/Vol	I. Waste No.
a. [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
[illegible] SK-408

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Special Handling Instructions and Additional Information. In case of spill: chemical resistant clothing and gloves should be worn. In addition to respirators made capable of handling organic materials, safety glasses, goggles and any other safety equipment considered necessary to prevent direct contact with the materials included in the drums or tank trucks. In case of individual injuries, for excessive contaminated clothes, immediately flush eyes with running water and wash skin with soap and plenty of water. If possible, transport to a Hospital; if not call Emergency Medical Care.

24 hours Emergency response information number (787) 854-2020 /TSDF (809)854-1090

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name (ON BEHALF OF)	Signature	Month	Day	Year
[illegible] Arnaldo López	Arnaldo López	10	17	1916

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Felipe Febles	[signature]	10	17	96

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

IN CASE OF EMERGENCY OF SPILL IMMEDIATELY CALL THE ENVIRONMENTAL QUALITY BOARD (809) 722-0439