7C2

RCRA PRIORITIZATION SYSTEM SCORING SUMMARY

FOR

ALCAN POWDERS AND PIGMENTS

EPA SITE NUMBER: NJD065815771

UNION, NJ

SCORED BY: ROB SAVILL

OF CDM FEDERAL

ORIGINAL RANKING: 09/27/93 LAST RANKING: 09/27/93

GROUNDWATER SCORE	:	51.69
SURFACE WATER SCORE	:	26.19
AIR ROUTE SCORE	:	5.90
ONSITE SCORE	:	3.43
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MIGRATION SCORE	:	29.17

Medium

EPA ID NO. : NJD065815771
ALCAN POWDERS AND PIGMENTS

WS-1 GROUNDWATER ROUTE

IS THERE AN OBSERVED RELEASE? Y

ROUTE CHARACTERISTICS

DEPTH TO AQUIFER (FT.) : NA

NET PRECIPITATION (IN.) : NA

PHYSICAL STATE: NA

CONTAINMENT:

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: LEAD

TOXICITY/PERSISTANCE VALUE: 18

QUANTITY KNOWN? NO

CUBIC YARDS OR TONS: 0
DRUMS : 0

AMOUNT IS LIKELY TO BE SMALL

TARGETS

GROUNDWATER USE: DRINKING WATER

DISTANCE TO WELL (MILES): 1.2

EPA ID NO. : NJD065815771
ALCAN POWDERS AND PIGMENTS

WS-2 SURFACE WATER ROUTE

RELEASES

IS THERE AN OBSERVED RELEASE? Y

IS THERE A PERMITTED OUTFALL?

HAVE THERE BEEN PERMIT VIOLATIONS?

ROUTE CHARACTERISTICS

FACILITY LOCATION: NA

24-HOUR RAINFALL: NA

DISTANCE TO SURFACE WATER (MILES): NA

PHYSICAL STATE: NA

CONTAINMENT: NA

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: PETROLEUM SPIRITS

TOXICITY/PERSISTANCE VALUE: 9

QUANTITY KNOWN? NO

CUBIC YARDS OR TONS: 0
DRUMS : 0

AMOUNT IS LIKELY TO BE SMALL

TARGETS

SURFACE WATER USE: POSSIBLE DRINKING WATER OR RECREATION

DISTANCE TO INTAKE OR CONTACT POINT (MILES): 0.2

DISTANCE TO SENSITIVE ENVIRONMENT (MILES): 3.0

EPA ID NO. : NJD065815771
ALCAN POWDERS AND PIGMENTS

WS-3 AIR ROUTE

RELEASES

IS THERE AN OBSERVED, UNPERMITTED, ON-GOING RELEASE? N

DOES THE FACILITY HAVE AN AIR OPERATING PERMIT(S)? Y

HAVE THERE BEEN ANY PERMIT VIOLATIONS OR ODOR COMPLAINTS BY RESIDENTS? N

CAN CONTAMINANTS MIGRATE INTO AIR? Y

CONTAINMENT: GOOD

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: PETROLEUM SPIRITS

TOXICITY/PERSISTANCE VALUE: 2

QUANTITY KNOWN? NO

CUBIC YARDS OR TONS: 0
DRUMS : 0

AMOUNT IS LIKELY TO BE SMALL

TARGETS

POPULATION: RESIDENCES ARE LOCATED WITHIN FOUR MILES

DISTANCE TO SENSITIVE ENVIRONMENT (MILES): 3.0

EPA ID NO. : NJD065815771
ALCAN POWDERS AND PIGMENTS

WS-4 ON SITE CONTAMINATION

ACCESS TO SITE: LIMITED ACCESS

IS THERE AN OBSERVED SURFACE SOIL CONTAMINATION? N

CONTAINMENT: FAIR

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: PETROLEUM SPIRITS

TOXICITY/PERSISTANCE VALUE: 2

TARGETS

DISTANCE TO RESIDENTIAL AREAS (MILES): 0.04

IS THERE AN ON-SITE SENSITIVE ENVIRONMENT: N

RCRA PRIORITIZATION SYSTEM SCORING SUMMARY

FOR ALcan Powders and Pigments

EPA SITE NUMBER: NJD 065815771

Union, NJ

SCORED BY: N. R. Thakuria

OF CDM Federal

ON 07/29/93

GROUNDWATER SCORE :

SURFACE WATER SCORE:

AIR ROUTE SCORE :

ONSITE SCORE :

MIGRATION SCORE :

Ref Final Draft
Environmental Priorities Initiative/
Preliminary Assessment (EPI-PA)
ALcan Powder & Pigments
Union, NJ

Prepared by - EBASCO Services Incorporated
submitted to EPA on Sep. 1992

EPA ID NO. : NJ0065815771

WS-1 GROUNDWATER ROUTE

IS THERE AN OBSERVED RELEASE? Y Ref Part IV, Item 1 & Part III, Para 1 and Tables

ROUTE CHARACTERISTICS

DEPTH TO AQUIFER (FT.) : 6.9'-16.5' Ref Part IV, Item 4

NET PRECIPITATION (IN.) : 15.28" Ref Part IV, Item 6

PHYSICAL STATE: Liquids & Solid Ref Part II, Item 4

CONTAINMENT: Fair
Leaky container/unsound secondary containment

Ref Part II Item 6 & Part I Item 13 & Site Summary, Para 4, Line 9. (Leaky drums) (Part I Item 13 indicated spillage and over flow - assume leaky container - Part II Item 6 indicated secondary container without capacity assume unsound)

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: Toluene, Methylene chloride, Copper, chromium, lead. Ref Part III, Para 1, & Table, Part II Item 3 & 5

TOXICITY/PERSISTANCE VALUE: 18
Toxicity table (lead)

QUANTITY KNOWN? N

CUBIC YARDS OR TONS:
DRUMS :

Ref Part II Item 3
identified the quantity only during inspection however does indicate the actual volume

Likely to be small
(during inspection 20 drum total = 5 C.Y.)

TARGETS

GROUNDWATER USE: Drinking (municipal sources) Ref Part IV Item 10 & 7

DISTANCE TO WELL (MILES): 1.2 mi. Ref Part IV Item 7 & Fig 1 USGS Map

EPA ID NO. : NJD065815771

WS-2 SURFACE WATER ROUTE

RELEASES

IS THERE AN OBSERVED RELEASE? Y Ref Part IV Item 11, & Part I Item 13 (2)

IS THERE A PERMITTED OUTFALL? N Ref Part I Item 10

HAVE THERE BEEN PERMIT VIOLATIONS? N Ref Part I, Item 10 (As there is no permit no violation is considered.)

ROUTE CHARACTERISTICS

FACILITY LOCATION: other Ref Part IV, Item 14

24-HOUR RAINFALL: 3.5" Ref Part IV, Item 15

DISTANCE TO SURFACE WATER (MILES): 1000' (.19 mile) Ref Part IV, Item 13

PHYSICAL STATE: Solids & Liquids Ref Part II, Item 4

CONTAINMENT: Fair Ref Part II, Item 6 & Site Summary Para 4 Line 9
Leaky drum/unsound secondary containment (Secondary containment does not indicate actual capacity to hold the waste. Inspection report indicates leaky drum.)

WASTE CHARACTERISTICS

* CHEMICAL NAME OR WASTE CODE NUMBER: Contaminated soil mineral spirit (Petroleum Spirits). Ref Part II Item 5 & 3, SAX, Dangerous Properties of Industrial Materials, 6th Edition

TOXICITY/PERSISTANCE VALUE: 9
Toxicity Table

QUANTITY KNOWN? N

CUBIC YARDS OR TONS: Ref Part II, Item 3
DRUMS :
Identify the quantity only during inspection - no actual capacity is given.

Likely to be small (as only 20 drum 55 G.Y was found during inspection)

TARGETS

SURFACE WATER USE: Recreation Ref Part IV Item 16

DISTANCE TO INTAKE OR CONTACT POINT (MILES): 1000' (.19 mile) Ref Part IV Item 13

DISTANCE TO SENSITIVE ENVIRONMENT (MILES): >2 Ref Part IV Item 17 & 18

EPA ID NO. : NJD065815771

WS-3 AIR ROUTE

RELEASES

IS THERE AN OBSERVED, UNPERMITTED, ON-GOING RELEASE? N Ref Part IV, Item 23

DOES THE FACILITY HAVE AN AIR OPERATING PERMIT(S)? Y Ref Part I Item 10

HAVE THERE BEEN ANY PERMIT VIOLATIONS OR ODOR COMPLAINTS BY RESIDENTS? N Ref No violations and complaints are reported in the report.

CAN CONTAMINANTS MIGRATE INTO AIR? Y Ref Part II, Item 5 (chemical characteristic) (during filling the drums and dispensing)

CONTAINMENT: good (closed container/open area) Ref Part II Item 6 & Site Reconnaissance results, Para 5 (No roof)

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: spent mineral spirit, Ref Part II Item 3,

TOXICITY/PERSISTANCE VALUE: 2

QUANTITY KNOWN? N

CUBIC YARDS OR TONS: Ref Part II Item 3
DRUMS : (identify the quantity during inspection however did not indicate actual storage capacity)

Like to be small (during inspection 20 drum = 5 c.y.)

TARGETS

POPULATION: Y (exists within 4 miles) (½ mile - 1,923 person) Ref Part IV Item 24

DISTANCE TO SENSITIVE ENVIRONMENT (MILES): >2 Ref Part IV Item 17 18 & 25

Ref Petroleum spirit (mineral spirit) - Dangerous Properties of Industrial Materials 6th Edition Page 2152

EPA ID NO. : NJD065815771

WS-4 ON SITE CONTAMINATION

ACCESS TO SITE: Limited access - Ref Ref 2 Indicates Fence but does not provide the integrity of the fence assume partially open

IS THERE AN OBSERVED SURFACE SOIL CONTAMINATION? N Ref Site summary last paragraph (No actual data of soil contamination

CONTAINMENT: Fair Ref Part II, Item 5 & 6 (Leaky container in ground secondary containment.)

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: spent mineral spirit Ref Part II Item 3 & 5

TOXICITY/PERSISTANCE VALUE: 2

TARGETS

DISTANCE TO RESIDENTIAL AREAS (MILES): 200' (.037 mile) Ref Part IV Item 20

IS THERE AN ON-SITE SENSITIVE ENVIRONMENT: N Ref Part IV Item 22

Ref Dun persons inspection

7C2

RCRA PRIORITIZATION SYSTEM SCORING SUMMARY

FOR ALcan Powders and Pigments

EPA SITE NUMBER: NJD 065815771

Union, NJ

SCORED BY: N. R. Thakuria

OF CDM Federal

ON 07/29/93

GROUNDWATER SCORE :

SURFACE WATER SCORE:

AIR ROUTE SCORE :

ONSITE SCORE :

MIGRATION SCORE :

Ref Final Draft
Environmental Priorities Initiative/
Preliminary Assessment (EPI-PA)
ALcan Powder & Pigments
Union, NJ

Prepared by - EBASCO Services Incorporated
submitted to EPA on sep. 1992

EPA ID NO. : NJ0065815771

WS-1 GROUNDWATER ROUTE

IS THERE AN OBSERVED RELEASE? Y Ref Part IV, Item 1 & Part III Para 1 and Tables

ROUTE CHARACTERISTICS

DEPTH TO AQUIFER (FT.) : 6.9'-16.5' Ref Part IV, Item 4

NET PRECIPITATION (IN.) : 15.28" Ref Part IV, Item 6

PHYSICAL STATE: Liquids & Solid Ref Part II, Item 4

CONTAINMENT: Fair Ref Part II Item 6 & Part I Item 13 & Site Summary Para 4, Line 9 (Leaky drum) (Part I Item 13 indicated spillage and over flow - assume leaky container - Part II Item 6 indicated secondary container without capacity assume (unsound)

Leaky Container/unsound secondary containment

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: Toluene, Methylene chloride, Copper, Chromium, lead. Ref Part III, ~~Para~~ 1 & Table; Part II Item 3 & 5

TOXICITY/PERSISTANCE VALUE: 18 Toxicity table

QUANTITY KNOWN? N

CUBIC YARDS OR TONS: Ref Part II Item 3 identifies the quantity only during inspection however does indicate the actual volume

DRUMS :

likely to be small (during inspection total = 5 C.Y) 20 drum

TARGETS

GROUNDWATER USE: Drinking (municipal sources) Ref Part IV Item 10 & 7

DISTANCE TO WELL (MILES): 1.2 mi. Ref Part IV Item 7 & Fig 1 USGS Map

EPA ID NO. : NJD065815771

WS-2 SURFACE WATER ROUTE

RELEASES

IS THERE AN OBSERVED RELEASE? Y Ref Part IV Item 11, & Part I Item 13 (2)

IS THERE A PERMITTED OUTFALL? N Ref Part I Item 10

HAVE THERE BEEN PERMIT VIOLATIONS? N Ref Part I, Item 10 (As there is no permit no violation is considered.

ROUTE CHARACTERISTICS

FACILITY LOCATION: other Ref Part IV, Item 14

24-HOUR RAINFALL: 3.5" Ref Part IV, Item 15

DISTANCE TO SURFACE WATER (MILES): 1000' (.19 mile) Ref Part IV, Item 13

PHYSICAL STATE: solids & Liquids Ref Part II, Item 4

CONTAINMENT: Fair Ref Part II, Item 6 & site Summary Para 4 Line 9
Leaky drum/unsound secondary containment (Secondary containment does not indical actual capacity to hold the waste. Inspection report indicate leaky drum.)

WASTE CHARACTERISTICS

* CHEMICAL NAME OR WASTE CODE NUMBER: contaminated soil mineral spirit (Petroleum Spirits). Ref Part II Item 5 & 3, SAX, Dangerous Properties of Industrial Materials, 6th Edition

TOXICITY/PERSISTANCE VALUE: 9 Toxicity Table

QUANTITY KNOWN? N

CUBIC YARDS OR TONS: Ref Part II, Item 3
DRUMS : Identify the quantity only during inspection - no actual capacity is given.

likely to be small (as only 20 drum 5 C.Y was found during inspection)

TARGETS

SURFACE WATER USE: Recreation Ref Part IV, Item 16

DISTANCE TO INTAKE OR CONTACT POINT (MILES): 1000' (.19 mile) Ref Part IV Item 13

DISTANCE TO SENSITIVE ENVIRONMENT (MILES): >2 Ref Part IV Item 17 & 18

EPA ID NO. : NJD065815771

WS-3 AIR ROUTE

RELEASES

IS THERE AN OBSERVED, UNPERMITTED, ON-GOING RELEASE? N Ref Part IV, Item 23

DOES THE FACILITY HAVE AN AIR OPERATING PERMIT(S)? Y Ref Part I Item 10

HAVE THERE BEEN ANY PERMIT VIOLATIONS OR ODOR COMPLAINTS BY RESIDENTS? N Ref No violations and complaints are reported in the report.

CAN CONTAMINANTS MIGRATE INTO AIR? Y Ref Part II, Item 5 (chemical characteristic) (during filling the drums and dispensing)

CONTAINMENT: good (closed container/open area) Ref Part II Item 6 & site Reconnaissance results, Para 5 (No roof)

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: spent mineral spirit, Ref Part II Item 3,

TOXICITY/PERSISTANCE VALUE: 2

QUANTITY KNOWN? N

CUBIC YARDS OR TONS: Ref Part II Item 3 (identify the quantity during inspection however did not indicate actual storage capacity)

DRUMS :

Like to be small (during Inspection 20 drum = 5 C.Y)

TARGETS

POPULATION: Y (½ mile - 1823 person) Ref Part IV Item 24

DISTANCE TO SENSITIVE ENVIRONMENT (MILES): > 2 Ref Part IV Item 17, 18 & 25

Ref Petroleum spirit (mineral spirit) - Dangerous Properties of industrial Materials 6th Edition Page 2152

EPA ID NO. : NJD065815771

WS-4 ON SITE CONTAMINATION

ACCESS TO SITE: Limited access - Ref Fig 2 indicates Fence but does not provide the integrity of the fence Assume partially open.

IS THERE AN OBSERVED SURFACE SOIL CONTAMINATION? N Ref Site summary last paragr. (No actual data of soil contaminatio

CONTAINMENT: Fair Ref Part II, Item 5&6 (Leaky container unsound secondary containment.)

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: spent mineral spirit Ref Part II Item 3&5

TOXICITY/PERSISTANCE VALUE: 2

TARGETS

DISTANCE TO RESIDENTIAL AREAS (MILES): 200' (.037 mile) Ref Part IV Item 20

IS THERE AN ON-SITE SENSITIVE ENVIRONMENT: N Ref Part IV Item 22

Ref Dangerous Properties 12