Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Facility Name: BULK CHEMICALS INC Facility ID: 1662

Reporting Period From January 1, 2018 to December 31, 2018

☐ Initial 5 Day Report ☑ Annual ☐ Update ☐ Revised ☑ Facility Information has changed from the last submission

Facility Identification

Facility ID:	1662	LEPC:	Berks LEPC
Facility Name:	BULK CHEMICALS INC	Lat/Long:	40.294/-75.5907
Company Name:	BULK CHEMICALS, INC	Maximum Occupants:	15
Physical Location:	809 MOHRSVILLE ROAD, MOHRSVILLE, PA 19541	Nature of Business:	Chemical Batch Manufaturing
County:	Berks	NAICS Code:	325110
SIC Code:	2899		
Phone:	610-926-4128	Dun and Brad No:	0697999
Municipality:	Perry Township		
☑ Manned ☐ Unmanned			
Email:	sflory@BULKCHEMICALS.US	Fax:	610-926-6125
		Mail ID:	

Owner/Operator Details

Name: BULK CHEMICALS, INC
Address: 1074 STINSON DRIVE
READING, PA 19605, United States
Phone: 610-926-4128 Email: fike@bulkchemicals.us

Parent Company Details

Name:
Address:
Phone: Email:

Subject to EPCRA Section 312 (Annual Inventory)? ☑ Yes ☐ No

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No

Subject to Section 112r of Clean Air Act (CAA)? ☐ Yes ☑ No

RMP Facility ID:

Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)? ☑ Yes ☐ No

TRI Facility ID: 19541BLKCHOLDRT

Tier II Information Contact

Name: Frank Ike
Title: Director of Operations
Phone: 610-926-8293 24 Hr.Phone: 717-725-6323
Email: fike@bulkchemicals.us

Mailing Address

Name: BULK CHEMICALS INC
Attention: Frank Ike
Street Address 1: 1074 STINSON DRIVE
Street Address 2:
City: READING State: PA
Zip: 19605 Phone: 610-926-4128
Country: United States

Facility Emergency Planning Coordinator

Name: Bert Schaeffer
Title: Purchasing and Logistics
Phone: 610-926-4128 24 Hr.Phone: 610-823-5202
Email: BSchaeffer@bulkchemicals.us

Emergency Contacts

Name	Title	Phone	24 Hr.Phone	Email
Frank Ike	Director of Operations	610-926-8293	717-725-6323	fike@bulkchemcials.us
Bert Schaeffer	Purchasing and Logistics	610-926-4128	610-823-5202	BSchaeffer@bulkchemicals.us

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 9, 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.

Frank Ike,Director of Operations	2/26/2019 4:41:54 PM	610-926-8293	
Name and official title of owner/operator or authorized representative	Date Signed	Telephone Number	Signature

Optional Attachments

- ☑ Site Plan
- ☐ Site Coordinate Abbreviations
- ☐ Other Safeguard measures
- ☑ Facility Emergency Response Plan

1

Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Facility Name: BULK CHEMICALS INC Facility ID: 1662

Reporting Period From January 1, 2018 to December 31, 2018

Chemical Description

Chemical ID: 1238825

Check if Chemical Information is changed from the last submission: ☑

CAS #: **1333-82-0**

Trade Secret: ☐

Chemical Name: **CHROMIC ACID**

EHS: ☐ Contains EHS: ☐ Exceeds TPQ: ☐

EHS Name:

☐ Pure ☑ Mix ☐ Solid ☑ Liquid ☐ Gas SDS

Chemical is reported voluntarily and is not present in reportable quantities or exempt from reporting for Section 311(e) (MSDS/Chemical List), Section 312 (annual Tier Two Reporting), and the OSHA Hazard Communications Act regulations: ☐

Physical Hazards

- ☐ Combustible dust
- ☑ Corrosive to metal
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Gas under pressure
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ In contact with water emits flammable gas
- ☐ Organic peroxide
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Self-reactive

Health Hazards

- ☑ Acute toxicity (any route of exposure)
- ☐ Aspiration hazard
- ☑ Carcinogenicity
- ☐ Germ cell mutagenicity
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ Reproductive toxicity
- ☐ Respiratory or skin sensitization
- ☐ Serious eye damage or eye irritation
- ☐ Simple asphyxiant
- ☑ Skin corrosion or irritation
- ☐ Specific target organ toxicity (single or repeated exposure)

Inventory

Max Daily Amt (lbs): 16477.1

Max Daily Amt Code: 06

Avg Daily Amt (lbs): 10904.78

Avg Daily Amt Code: 06

Max Amt in Largest Container (lbs): 2974

No of days onsite: 365

Storage Codes & Location

Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	002	40%	17844

MIXTURE COMPONENTS

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
WATER	60	**7732-18-5**	☐		9886.26	05

Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Facility Name: BULK CHEMICALS INC Facility ID: 1662

Reporting Period From January 1, 2018 to December 31, 2018

Chemical Description

Chemical ID: 1238826

Check if Chemical Information is changed from the last submission: ☑

CAS #: **7664-39-3**

Trade Secret: ☐

Chemical Name: **HYDROFLUORIC ACID SOLUTION**

EHS: ☑ Contains EHS: ☐ Exceeds TPQ. ☑

EHS Name: HYDROFLUORIC ACID

☑ Pure ☐ Mix ☐ Solid ☑ Liquid ☐ Gas SDS

Chemical is reported voluntarily and is not present in reportable quantities or exempt from reporting for Section 311(e) (MSDS/Chemical List), Section 312 (annual Tier Two Reporting), and the OSHA Hazard Communications Act regulations: ☐

Physical Hazards

- ☐ Combustible dust
- ☑ Corrosive to metal
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Gas under pressure
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ In contact with water emits flammable gas
- ☐ Organic peroxide
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Self-reactive

Health Hazards

- ☑ Acute toxicity (any route of exposure)
- ☐ Aspiration hazard
- ☐ Carcinogenicity
- ☐ Germ cell mutagenicity
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ Reproductive toxicity
- ☐ Respiratory or skin sensitization
- ☑ Serious eye damage or eye irritation
- ☐ Simple asphyxiant
- ☑ Skin corrosion or irritation
- ☐ Specific target organ toxicity (single or repeated exposure)

Inventory

Max Daily Amt (lbs): 9712.92

Max Daily Amt Code: 05

Avg Daily Amt (lbs): 3430.62

Avg Daily Amt Code: 04

Max Amt in Largest Container (lbs): 500

No of days onsite: 365

Storage Codes & Location

Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	002	49%	3600
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	002	19%	7800

Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Facility Name: BULK CHEMICALS INC Facility ID: 1662

Reporting Period From January 1, 2018 to December 31, 2018

Chemical Description

Chemical ID: 1238827

Check if Chemical Information is changed from the last submission: ☑

CAS #: **7697-37-2**

Trade Secret: ☐

Chemical Name: **NITRIC ACID 42 BE**

EHS: ☑ Contains EHS: ☐ Exceeds TPQ: ☑

EHS Name: NITRIC ACID

☑ Pure ☐ Mix ☐ Solid ☑ Liquid ☐ Gas SDS

Chemical is reported voluntarily and is not present in reportable quantities or exempt from reporting for Section 311(e) (MSDS/Chemical List), Section 312 (annual Tier Two Reporting), and the OSHA Hazard Communications Act regulations: ☐

Physical Hazards

- ☐ Combustible dust
- ☑ Corrosive to metal
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Gas under pressure
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ In contact with water emits flammable gas
- ☐ Organic peroxide
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Self-reactive

Health Hazards

- ☐ Acute toxicity (any route of exposure)
- ☐ Aspiration hazard
- ☐ Carcinogenicity
- ☐ Germ cell mutagenicity
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ Reproductive toxicity
- ☐ Respiratory or skin sensitization
- ☑ Serious eye damage or eye irritation
- ☐ Simple asphyxiant
- ☑ Skin corrosion or irritation
- ☑ Specific target organ toxicity (single or repeated exposure)

Inventory

Max Daily Amt (lbs): 38541

Max Daily Amt Code: 07

Avg Daily Amt (lbs): 19072.83

Avg Daily Amt Code: 06

Max Amt in Largest Container (lbs): 37345

No of days onsite: 365

Storage Codes & Location

Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	002		4800
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	001	Vertical Tank inside building with dike wall	55000

Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Facility Name: BULK CHEMICALS INC Facility ID: 1662

Reporting Period From January 1, 2018 to December 31, 2018

Chemical Description

Chemical ID: 1238828

Check if Chemical Information is changed from the last submission: ☑

CAS #: **7664-38-2**

Trade Secret: ☐

Chemical Name: **PHOSPHORIC ACID 75%**

EHS: ☐ Contains EHS: ☐ Exceeds TPQ: ☐

EHS Name:

☑ Pure ☐ Mix ☐ Solid ☑ Liquid ☐ Gas SDS

Chemical is reported voluntarily and is not present in reportable quantities or exempt from reporting for Section 311(e) (MSDS/Chemical List), Section 312 (annual Tier Two Reporting), and the OSHA Hazard Communications Act regulations: ☐

Physical Hazards

- ☐ Combustible dust
- ☑ Corrosive to metal
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Gas under pressure
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ In contact with water emits flammable gas
- ☐ Organic peroxide
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Self-reactive

Health Hazards

- ☐ Acute toxicity (any route of exposure)
- ☐ Aspiration hazard
- ☐ Carcinogenicity
- ☐ Germ cell mutagenicity
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ Reproductive toxicity
- ☐ Respiratory or skin sensitization
- ☐ Serious eye damage or eye irritation
- ☐ Simple asphyxiant
- ☑ Skin corrosion or irritation
- ☐ Specific target organ toxicity (single or repeated exposure)

Inventory

Max Daily Amt (lbs): 67369.5

Max Daily Amt Code: 08

Avg Daily Amt (lbs): 27834.32

Avg Daily Amt Code: 07

Max Amt in Largest Container (lbs): 60561.75

No of days onsite: 365

Storage Codes & Location

Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	002		12000
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	001	Inside vertical tank, located inside a dike wall	60561.75

Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Facility Name: BULK CHEMICALS INC Facility ID: 1662

Reporting Period From January 1, 2018 to December 31, 2018

Chemical Description

Chemical ID: 1238829

Check if Chemical Information is changed from the last submission: ☑

CAS #: **1310-58-3**

Trade Secret: ☐

Chemical Name: **POTASSIUM HYDROXIDE 45%**

EHS: ☐ Contains EHS: ☐ Exceeds TPQ: ☐

EHS Name:

☐ Pure ☑ Mix ☐ Solid ☑ Liquid ☐ Gas SDS

Chemical is reported voluntarily and is not present in reportable quantities or exempt from reporting for Section 311(e) (MSDS/Chemical List), Section 312 (annual Tier Two Reporting), and the OSHA Hazard Communications Act regulations: ☐

Physical Hazards

- ☐ Combustible dust
- ☑ Corrosive to metal
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Gas under pressure
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ In contact with water emits flammable gas
- ☐ Organic peroxide
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Self-reactive

Health Hazards

- ☐ Acute toxicity (any route of exposure)
- ☐ Aspiration hazard
- ☐ Carcinogenicity
- ☐ Germ cell mutagenicity
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ Reproductive toxicity
- ☐ Respiratory or skin sensitization
- ☑ Serious eye damage or eye irritation
- ☐ Simple asphyxiant
- ☑ Skin corrosion or irritation
- ☐ Specific target organ toxicity (single or repeated exposure)

Inventory

Max Daily Amt (lbs): 36230.9

Max Daily Amt Code: 07

Avg Daily Amt (lbs): 17406.74

Avg Daily Amt Code: 06

Max Amt in Largest Container (lbs): 34470.9

No of days onsite: 365

Storage Codes & Location

Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	002		3000
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	001	Inside vertical storage tank, dike walls	40500

MIXTURE COMPONENTS

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
Water	80	**7757-82-6**	☐		28984.72	07

Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Facility Name: BULK CHEMICALS INC Facility ID: 1662

Reporting Period From January 1, 2018 to December 31, 2018

Chemical Description

Chemical ID: 1238830

Check if Chemical Information is changed from the last submission: ☑

CAS #: **1310-73-2**

Trade Secret: ☐

Chemical Name: **SODIUM HYDROXIDE 50%**

EHS: ☐ Contains EHS: ☐ Exceeds TPQ: ☐

EHS Name:

☐ Pure ☑ Mix ☐ Solid ☑ Liquid ☐ Gas SDS

Chemical is reported voluntarily and is not present in reportable quantities or exempt from reporting for Section 311(e) (MSDS/Chemical List), Section 312 (annual Tier Two Reporting), and the OSHA Hazard Communications Act regulations: ☐

Physical Hazards

- ☐ Combustible dust
- ☑ Corrosive to metal
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Gas under pressure
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ In contact with water emits flammable gas
- ☐ Organic peroxide
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Self-reactive

Health Hazards

- ☐ Acute toxicity (any route of exposure)
- ☐ Aspiration hazard
- ☐ Carcinogenicity
- ☐ Germ cell mutagenicity
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ Reproductive toxicity
- ☐ Respiratory or skin sensitization
- ☑ Serious eye damage or eye irritation
- ☐ Simple asphyxiant
- ☑ Skin corrosion or irritation
- ☐ Specific target organ toxicity (single or repeated exposure)

Inventory

Max Daily Amt (lbs): 43195.51

Max Daily Amt Code: 07

Avg Daily Amt (lbs): 15552.04

Avg Daily Amt Code: 06

Max Amt in Largest Container (lbs): 42695.51

No of days onsite: 365

Storage Codes & Location

Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	002	tank inside building inside containment	54000
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	001		16000

Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Facility Name: BULK CHEMICALS INC Facility ID: 1662

Reporting Period From January 1, 2018 to December 31, 2018

Chemical Description

Chemical ID: 1238824

Check if Chemical Information is changed from the last submission: ☑

CAS #: **7664-93-9**

Trade Secret: ☐

Chemical Name: **Sulfuric acid**

EHS: ☑ Contains EHS: ☐ Exceeds TPQ: ☑

EHS Name: Sulfuric acid

☑ Pure ☐ Mix ☐ Solid ☑ Liquid ☐ Gas SDS

Chemical is reported voluntarily and is not present in reportable quantities or exempt from reporting for Section 311(e) (MSDS/Chemical List), Section 312 (annual Tier Two Reporting), and the OSHA Hazard Communications Act regulations: ☐

Physical Hazards

- ☐ Combustible dust
- ☑ Corrosive to metal
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Gas under pressure
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ In contact with water emits flammable gas
- ☐ Organic peroxide
- ☐ Oxidizer (liquid, solid or gas)
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Self-reactive

Health Hazards

- ☐ Acute toxicity (any route of exposure)
- ☐ Aspiration hazard
- ☐ Carcinogenicity
- ☐ Germ cell mutagenicity
- ☐ Hazard Not Otherwise Classified (HNOC)
- ☐ Reproductive toxicity
- ☐ Respiratory or skin sensitization
- ☑ Serious eye damage or eye irritation
- ☐ Simple asphyxiant
- ☑ Skin corrosion or irritation
- ☐ Specific target organ toxicity (single or repeated exposure)

Inventory

Max Daily Amt (lbs): 14030

Max Daily Amt Code: 06

Avg Daily Amt (lbs): 7837.17

Avg Daily Amt Code: 05

Max Amt in Largest Container (lbs): 13332.5

No of days onsite: 365

Storage Codes & Location

Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
(Confidential)					
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	001		1000

Pennsylvania Tier II Emergency and Hazardous Chemical Inventory

Facility Name: BULK CHEMICALS INC Facility ID: 1662

Reporting Period From January 1, 2018 to December 31, 2018

Chemical Amount Range Code & Description		
#	Code	Amount Range
1	01	[01] 0-99
2	02	[02] 100-499
3	03	[03] 500-999
4	04	[04] 1,000-4,999
5	05	[05] 5,000-9,999
6	06	[06] 10,000-24,999
7	07	[07] 25,000-49,999
8	08	[08] 50,000-74,999
9	09	[09] 75,000-99,999
10	10	[10] 100,000-499,999
11	11	[11] 500,000-999,999
12	12	[12] 1,000,000-9,999,999
13	13	[13] 10,000,000- Greater than 10 million