

## Tier II Emergency and Hazardous Chemical Inventory

**Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681**

**Reporting Period From January 1, 2019 to December 31, 2019**

Annual  Update  Revised  Facility Information has changed from the last submission

Facility Identification				Owner/Operator Details				
Facility ID:	2681	Lat/Long:	41.904575/-71.313275	Name:	Robert McIntyre Jr			
Facility Name:	Roberts Chemical Co., Inc.			Address:	1 Wayland Avenue, 310N Providence, RI 02906, United States			
Maximum Occupants:	17	Nature of Business:		Phone:	401-261-4238	Email:	bob@robertschem.com	
Physical Location:	330-B Victor Road, Attleboro, MA 02703			<b>Parent Company Details</b>				
County:	Bristol County	NAICS Code:	424690	Name:				
Fire Department:		SIC Code:	5169	Dun and Brad No:				
Phone:	508-409-0220 x 108	Dun and Brad No:	084801562	Address:	MA , United States			
<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned		EIN ID(Tax Number):		Phone:		Email:		
Email:		FTE:	16	<b>Tier II Information Contact</b>				
Subject to EPCRA Section 312 (Annual Inventory)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Name:				Aamad Chaudhrey
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Title:				Chief Operating Officer
Subject to Section 112r of Clean Air Act (CAA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Phone:				508-409-0220 24 Hr.Phone: 352-598-6822
RMP Facility ID:				Email:				achaudhrey@robertschem.com
Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
TRI Facility ID: 0270WRBRTS33BVI								
Mailing Address				Facility Emergency Planning Coordinator				
Company Name: Roberts Chemical Co., Inc.				Name:				Aamad Chaudhrey
Attention:				Title:				Chief Operating Officer
Street Address 1: 330-B Victor Road				Phone:				508-409-0220 24 Hr.Phone: 352-598-6822
Street Address 2:				Email:				achaudhrey@robertschem.com
City: Attleboro State: MA								
Zip: 02703 Phone: 508-409-0220								
Country: United States								
Emergency Contacts								
Name	Title	Phone	24 Hr.Phone	Email				
Robert McIntyre Jr	President/CEO	508-409-0220	401-261-4238	bob@robertschem.com				
Aamad Chaudhrey	Chief Operating Officer	508-409-0220	352-598-6822	achaudhrey@robertschem.com				
Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 22, 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.							<b>Optional Attachments</b>	
Aamad Chaudhrey, Chief Operating Officer							<input checked="" type="checkbox"/> <a href="#">Site Plan</a>	
2/26/2020 12:14:10 PM							<input checked="" type="checkbox"/> <a href="#">Site Coordinate Abbreviations</a>	
508-409-0220							<input checked="" type="checkbox"/> <a href="#">Other Safeguard measures</a>	
Aamad Chaudhrey							<input checked="" type="checkbox"/> <a href="#">Facility Emergency Response Plan</a>	
Name and official title of owner/operator or authorized representative								
Date Signed								
Telephone Number								
Signature								

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards																											
Chemical ID: 169493 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 64-19-7 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Acetic Acid 99% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																											
Inventory	Storage Codes & Location																												
Max Daily Amt (lbs): 30000 Max Daily Amt Code: 07 Avg Daily Amt (lbs): 9000 Avg Daily Amt Code: 05 Max Amt in Largest Container (lbs): 2800 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Storage Room #1</td> <td></td> <td>1350</td> </tr> <tr> <td>[O]Tote bin</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Storage Room #1</td> <td></td> <td>19600</td> </tr> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Storage Room #1</td> <td></td> <td>6593</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Room #1		1350	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Room #1		19600	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Room #1		6593				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)																								
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Room #1		1350																								
[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Room #1		19600																								
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Room #1		6593																								
SHIPMENT DETAILS																													
Mode of Shipment: Trucks Shipment Frequency Count: 9 Shipment Frequency Period: Year Physical State In Transit: Liquid	Maximum Capacity Per Vessel: 2800 Maximum Shipment Quantity at One Time: 19600 Average Annual Shipment Quantity: 8400 Routes of Travel:	195 North to Exit 2A to Central Avenue to Rt 152 N to Oak Hill Ave to Clyde Street to Victor Road.	Carrier: Astro Chemicals, Inc. Carrier Address: Carrier Phone: Carrier 24 Hr Phone: 413-781-7240																										

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681  
 Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 169494 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 1336-21-6 Trade Secret: <input type="checkbox"/> Chemical Name: Ammonium Hydroxide 29% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location
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Max Daily Amt (lbs): 4000 Max Daily Amt Code: 04 Avg Daily Amt (lbs): 4000 Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): 2500 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[N]Plastic bottles or jugs</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Ammonia Storage Room, Storage Room #2</td> <td></td> <td>1148</td> </tr> <tr> <td>[O]Tote bin</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Ammonia Storage Room, Storage Room #2</td> <td></td> <td>2500</td> </tr> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Ammonia Storage Room, Storage Room #2</td> <td></td> <td>4620</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[N]Plastic bottles or jugs	[1]Ambient pressure	[4]Ambient temperature	Ammonia Storage Room, Storage Room #2		1148	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Ammonia Storage Room, Storage Room #2		2500	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Ammonia Storage Room, Storage Room #2		4620
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)																				
[N]Plastic bottles or jugs	[1]Ambient pressure	[4]Ambient temperature	Ammonia Storage Room, Storage Room #2		1148																				
[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Ammonia Storage Room, Storage Room #2		2500																				
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Ammonia Storage Room, Storage Room #2		4620																				

### SHIPMENT DETAILS

Mode of Shipment: Trucks Shipment Frequency Count: 1 Shipment Frequency Period: Week Physical State In Transit: Liquid	Maximum Capacity Per Vessel: 5000 Maximum Shipment Quantity at One Time: 5000 Average Annual Shipment Quantity: 5000 Routes of Travel: Rt 95 N to Mass Exit 2A to Central Ave to Rt 152N to Oakhill Avenue to Clyde Street to Victor Road.	Carrier: Roberts Chemical Carrier Address: MA Carrier Phone: 352-598-6822 Carrier 24 Hr Phone: 352-598-6822
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# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681  
 Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 169499 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 1330-43-4 Trade Secret: <input type="checkbox"/> Chemical Name: Borax EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input checked="" type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location												
Max Daily Amt (lbs): 47000 Max Daily Amt Code: 07 Avg Daily Amt (lbs): 19690 Avg Daily Amt Code: 06 Max Amt in Largest Container (lbs): 50 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[J]Bag</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Area Storage Room 2</td> <td></td> <td>47000</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[J]Bag	[1]Ambient pressure	[4]Ambient temperature	Acid Area Storage Room 2		47000
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)								
[J]Bag	[1]Ambient pressure	[4]Ambient temperature	Acid Area Storage Room 2		47000								

SHIPMENT DETAILS			
Mode of Shipment: Trucks	Maximum Capacity Per Vessel: 44000	Carrier:	
Shipment Frequency Count: 6	Maximum Shipment Quantity at One Time: 44000	Carrier Address:	
Shipment Frequency Period: Year	Average Annual Shipment Quantity: 30000	Carrier Phone:	
Physical State In Transit: Solid	Routes of Travel: Rt 95 N to Mass exit 2A to Central Ave to Rt 152N to Oakhill Ave to Clyde Street to Victor Road	Carrier 24 Hr Phone:	

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681  
 Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards				
Chemical ID: 169495 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 10043-52-4 Trade Secret: <input type="checkbox"/> Chemical Name: Calcium Chloride 83-87% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)				
Inventory	Storage Codes & Location					
Max Daily Amt (lbs): 50000 Max Daily Amt Code: 08 Avg Daily Amt (lbs): 50000 Avg Daily Amt Code: 08 Max Amt in Largest Container (lbs): 50 No of days onsite: 365	<b>Container Type</b>	<b>Pressure</b>	<b>Temperature</b>	<b>Storage Location</b>	<b>Description</b>	<b>Max Amt At Location(lbs)</b>
	[J]Bag	[1]Ambient pressure	[4]Ambient temperature	Alkaline Storage Area Room 2		50000
SHIPMENT DETAILS						
Mode of Shipment: Trucks Shipment Frequency Count: 4 Shipment Frequency Period: Year Physical State In Transit: Solid	Maximum Capacity Per Vessel: 44000 Maximum Shipment Quantity at One Time: 50000 Average Annual Shipment Quantity: 50000 Routes of Travel:	Rt 95 S to Mass Exit 2A to Central Avenue to Rt 152N to Oakhill Avenue to Clyde to Victor Road	Carrier: Carrier Address: Carrier Phone: Carrier 24 Hr Phone:			

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards																					
Chemical ID: 169496 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7705-08-0 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Ferric Chloride 11.5 - 45% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																					
Inventory	Storage Codes & Location																						
Max Daily Amt (lbs): 48000 Max Daily Amt Code: 07 Avg Daily Amt (lbs): 48000 Avg Daily Amt Code: 07 Max Amt in Largest Container (lbs): 3000 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[O]Tote bin</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Storage Area Room 2</td> <td></td> <td>3000</td> </tr> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Storage Area Room 2</td> <td></td> <td>27000</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		3000	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		27000				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)																		
[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		3000																		
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		27000																		
SHIPMENT DETAILS																							
Mode of Shipment: Trucks, Tank Trucks Shipment Frequency Count: 9 Shipment Frequency Period: Year Physical State In Transit: Liquid	Maximum Capacity Per Vessel: 47000 Maximum Shipment Quantity at One Time: 48000 Average Annual Shipment Quantity: 24000 Routes of Travel:	Rt 195 W to Rt 95N to Mass Exit 2S to Central Avenue to Rt 152 N to Oakhill Avenue to Clyde Street to Victor Road	Carrier: Carrier Address: Carrier Phone: Carrier 24 Hr Phone:																				

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards																					
Chemical ID: 169497 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 7758-94-3 Trade Secret: <input type="checkbox"/> <b>Chemical Name: Ferrous Chloride</b> EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																					
Inventory	Storage Codes & Location																						
Max Daily Amt (lbs): 21000 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 20905 Avg Daily Amt Code: 06 Max Amt in Largest Container (lbs): 565 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[O]Tote bin</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Storage Area Room 2</td> <td></td> <td>5500</td> </tr> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Storage Area Room 2</td> <td></td> <td>38500</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		5500	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		38500				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)																		
[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		5500																		
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		38500																		
SHIPMENT DETAILS																							
Mode of Shipment: Tank Trucks Shipment Frequency Count: 5 Shipment Frequency Period: Year Physical State In Transit: Liquid	Maximum Capacity Per Vessel: 47000 Maximum Shipment Quantity at One Time: 21000 Average Annual Shipment Quantity: 21000 Routes of Travel: 95S to Mass Exit 2A to Central Avenue to Rt 152N to Oakhill Avenue to Clyde Street to Victor Road.	Carrier: Carrier Address: Carrier Phone: Carrier 24 Hr Phone:																					

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards																											
Chemical ID: 169504 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 7647-01-0 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Hydrochloric Acid <32% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																											
Inventory	Storage Codes & Location																												
Max Daily Amt (lbs): 72000 Max Daily Amt Code: 08 Avg Daily Amt (lbs): 51000 Avg Daily Amt Code: 08 Max Amt in Largest Container (lbs): 3000 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[G]Carboy</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Area Room 2</td> <td></td> <td>10000</td> </tr> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Area Room 2</td> <td></td> <td>38400</td> </tr> <tr> <td>[O]Tote bin</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Area Room 2</td> <td></td> <td>20000</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[G]Carboy	[1]Ambient pressure	[4]Ambient temperature	Acid Area Room 2		10000	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Area Room 2		38400	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Acid Area Room 2		20000				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)																								
[G]Carboy	[1]Ambient pressure	[4]Ambient temperature	Acid Area Room 2		10000																								
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Area Room 2		38400																								
[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Acid Area Room 2		20000																								
SHIPMENT DETAILS																													
Mode of Shipment: Tank Trucks Shipment Frequency Count: 2 Shipment Frequency Period: Month Physical State In Transit: Liquid	Maximum Capacity Per Vessel: 61050 Maximum Shipment Quantity at One Time: 46086 Average Annual Shipment Quantity: 45000 Routes of Travel: 95 N to Mass exit 2A to Central Ave to Rt 152 N to Oakhill Ave Clyde Street to Victor Road	Carrier: Reagent Chemical Carrier Address: Carrier Phone: Carrier 24 Hr Phone: 800-231-1807																											

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards																																	
Chemical ID: 169500 Check if Chemical Information is changed from the last submission: <input type="checkbox"/> CAS #: 7647-01-0 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Hydrochloric Acid 37% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																																	
Inventory	Storage Codes & Location																																		
Max Daily Amt (lbs): 11000 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 5000 Avg Daily Amt Code: 05 Max Amt in Largest Container (lbs): 500 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[F]Can</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Storage Area Room 2</td> <td></td> <td>750</td> </tr> <tr> <td>[G]Carboy</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Storage Area Room 2</td> <td></td> <td>1215</td> </tr> <tr> <td>[N]Plastic bottles or jugs</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Storage Area Room 2</td> <td></td> <td>1080</td> </tr> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Acid Storage Area Room 2</td> <td></td> <td>6000</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[F]Can	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		750	[G]Carboy	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		1215	[N]Plastic bottles or jugs	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		1080	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		6000				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)																														
[F]Can	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		750																														
[G]Carboy	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		1215																														
[N]Plastic bottles or jugs	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		1080																														
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		6000																														
SHIPMENT DETAILS																																			
Mode of Shipment: Trucks Shipment Frequency Count: 1 Shipment Frequency Period: Month Physical State In Transit: Liquid	Maximum Capacity Per Vessel: 44000 Maximum Shipment Quantity at One Time: 8000 Average Annual Shipment Quantity: 2000 Routes of Travel:	95 N to Mass Exit 2A to Central Avenue to Rt 152 N to Oakhill Avenue to Clyde Street to Victor Road	Carrier: Carrier Address: Carrier Phone: Carrier 24 Hr Phone:																																

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681  
 Reporting Period From January 1, 2019 to December 31, 2019

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 169503 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7722-84-1 Trade Secret: <input type="checkbox"/> Chemical Name: <b>Hydrogen Peroxide &lt;52%</b> EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input checked="" type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location
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Max Daily Amt (lbs): 600000 Max Daily Amt Code: 11 Avg Daily Amt (lbs): 600000 Avg Daily Amt Code: 11 Max Amt in Largest Container (lbs): 200000 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[P]Tank wagon</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Rail Yard Tank Car</td> <td></td> <td>45000</td> </tr> <tr> <td>[Q]Rail car</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Rail Yard Rail Car</td> <td></td> <td>600000</td> </tr> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 2 Peroxide Storage area</td> <td></td> <td>63000</td> </tr> <tr> <td>[F]Can</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 2 Peroxide Storage area</td> <td></td> <td>1692</td> </tr> <tr> <td>[G]Carboy</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 2 Peroxide Storage area</td> <td></td> <td>7830</td> </tr> <tr> <td>[O]Tote bin</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 2 Peroxide Storage area</td> <td></td> <td>30000</td> </tr> <tr> <td>[A]Above ground tank</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Tank Farm</td> <td></td> <td>150000</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[P]Tank wagon	[1]Ambient pressure	[4]Ambient temperature	Rail Yard Tank Car		45000	[Q]Rail car	[1]Ambient pressure	[4]Ambient temperature	Rail Yard Rail Car		600000	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2 Peroxide Storage area		63000	[F]Can	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2 Peroxide Storage area		1692	[G]Carboy	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2 Peroxide Storage area		7830	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2 Peroxide Storage area		30000	[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	Tank Farm		150000
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)																																												
[P]Tank wagon	[1]Ambient pressure	[4]Ambient temperature	Rail Yard Tank Car		45000																																												
[Q]Rail car	[1]Ambient pressure	[4]Ambient temperature	Rail Yard Rail Car		600000																																												
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2 Peroxide Storage area		63000																																												
[F]Can	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2 Peroxide Storage area		1692																																												
[G]Carboy	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2 Peroxide Storage area		7830																																												
[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2 Peroxide Storage area		30000																																												
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	Tank Farm		150000																																												

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

### SHIPMENT DETAILS

Mode of Shipment:	Tank Trucks, Rail Car	Maximum Capacity Per Vessel:	263000	Carrier:	
Shipment Frequency Count:	36	Maximum Shipment Quantity at One Time:	200000	Carrier Address:	
Shipment Frequency Period:	Year	Average Annual Shipment Quantity:	6840000	Carrier Phone:	
Physical State In Transit:	Liquid	Routes of Travel:	Railcar: via CCX and CNIR Canadian National to Hebronville, MA Truck: Rt 95 S to Mass exit2 to Central Ave to Rt 152N to Oakhill to Clyde Street to Victor Road	Carrier 24 Hr Phone:	

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 169487 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> <b>CAS #:</b> 7697-37-2 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Nitric Acid 67-68% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input checked="" type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location					
	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
Max Daily Amt (lbs): 55000	[M]Glass bottles or jugs	[1]Ambient pressure	[4]Ambient temperature	Acid Area - Storage Room 2		1500
Max Daily Amt Code: 08	[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	Acid Area - Storage Room 2		46000
Avg Daily Amt (lbs): 48000	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Acid Area - Storage Room 2		20000
Avg Daily Amt Code: 07	[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	Tank Farm		48000
Max Amt in Largest Container (lbs): 3600						
No of days onsite: 365						

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

### SHIPMENT DETAILS

Mode of Shipment:	Trucks, Tank Trucks	Maximum Capacity Per Vessel:	48000	Carrier:	Pete Dannecker A. Duie Pyle
Shipment Frequency Count:	17	Maximum Shipment Quantity at One Time:	48000	Carrier Address:	650 Westtown Road , Westchester, PA 19381
Shipment Frequency Period:	Year	Average Annual Shipment Quantity:	45000	Carrier Phone:	800-523-5020 x3024
Physical State In Transit:	Liquid	Routes of Travel:	Route 95 N to MA Exit 2 A to Central Avenue to Route 152 N to Oakhill Ave. to Clyde St. to Victor Road	Carrier 24 Hr Phone:	800-843-8265

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 169488 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7664-38-2 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Phosphoric Acid 85% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location					
Max Daily Amt (lbs): 46000 Max Daily Amt Code: 07 Avg Daily Amt (lbs): 46000 Avg Daily Amt Code: 07 Max Amt in Largest Container (lbs): 3400 No of days onsite: 365	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Chemical Warm Storage - Storage Room 1		5600
	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Chemical Warm Storage - Storage Room 1		46000
	[M]Glass bottles or jugs	[1]Ambient pressure	[4]Ambient temperature	Chemical Warm Storage - Storage Room 1		1500

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681  
 Reporting Period From January 1, 2019 to December 31, 2019

### SHIPMENT DETAILS

Mode of Shipment: Trucks	Maximum Capacity Per Vessel: 46000	Carrier: Nutrien
Shipment Frequency Count: 14	Maximum Shipment Quantity at One Time: 46000	Carrier Address:
Shipment Frequency Period: Year	Average Annual Shipment Quantity: 46000	Carrier Phone:
Physical State In Transit: Liquid	Routes of Travel: Industrial St to Higgins Ave. to Lonsdale Ave to Route 95 N to MA Exit 2 A to Central Ave to Route 152 N to Oakhill Ave to Clyde Street to Victor Road.	Carrier 24 Hr Phone:

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 169489 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 151-50-8 Trade Secret: <input type="checkbox"/> Chemical Name: Potassium Cyanide 98-99% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location												
Max Daily Amt (lbs): 10000 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 4000 Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): 110.23 No of days onsite: 152	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[D]Steel drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Cyanide Storage Room</td> <td></td> <td>7920</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	Cyanide Storage Room		7920
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)								
[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	Cyanide Storage Room		7920								

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

### SHIPMENT DETAILS

Mode of Shipment:	Trucks	Maximum Capacity Per Vessel:	44000	Carrier:	Pete Dannecker A. Duie Pyle
Shipment Frequency Count:	2	Maximum Shipment Quantity at One Time:	4000	Carrier Address:	650 Westtown Road , Westchester, PA 19381
Shipment Frequency Period:	Month	Average Annual Shipment Quantity:	4000	Carrier Phone:	800-523-5020 x3024
Physical State In Transit:	Solid	Routes of Travel:	Route 95 N to Mass Exit 2A to Central Avenue to Rt 152N to Oakhill Ave to Clyde St to Victor Road	Carrier 24 Hr Phone:	800-843-8265

Chemical Description	Physical Hazards	Health Hazards															
Chemical ID: 169506 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 506-61-6 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> POTASSIUM SILVER CYANIDE 54% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)															
Inventory	Storage Codes & Location																
Max Daily Amt (lbs): 200 Max Daily Amt Code: 02 Avg Daily Amt (lbs): 100 Avg Daily Amt Code: 02 Max Amt in Largest Container (lbs): 6.25 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[J]Bag</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Lab Vault area</td> <td></td> <td>200</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[J]Bag	[1]Ambient pressure	[4]Ambient temperature	Lab Vault area		200				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)												
[J]Bag	[1]Ambient pressure	[4]Ambient temperature	Lab Vault area		200												

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

### SHIPMENT DETAILS

Mode of Shipment:	Trucks	Maximum Capacity Per Vessel:	2000	Carrier:	Pete Dannecker A. Duie Pyle
Shipment Frequency Count:	1	Maximum Shipment Quantity at One Time:	200	Carrier Address:	650 Westtown Road , Westchester, PA 19381
Shipment Frequency Period:	Month	Average Annual Shipment Quantity:	1200	Carrier Phone:	800-523-5020 x3024
Physical State In Transit:	Solid	Routes of Travel:	Towne St to Robert F Toner Blvd. to 95 S to Exit 3B to Tiffany to Rt 152 Thurber to Oakhill Avenue to Clyde Street to Victor Road.	Carrier 24 Hr Phone:	800-843-8265

Chemical Description	Physical Hazards	Health Hazards															
Chemical ID: 169498 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7647-14-5 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Sodium Chloride 99% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)															
Inventory	Storage Codes & Location																
Max Daily Amt (lbs): 95000 Max Daily Amt Code: 09 Avg Daily Amt (lbs): 95000 Avg Daily Amt Code: 09 Max Amt in Largest Container (lbs): 50 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[J]Bag</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 2</td> <td></td> <td>129900</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[J]Bag	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2		129900				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)												
[J]Bag	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2		129900												

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

### SHIPMENT DETAILS

Mode of Shipment:	Trucks	Maximum Capacity Per Vessel:	46000	Carrier:	
Shipment Frequency Count:	10	Maximum Shipment Quantity at One Time:	46000	Carrier Address:	
Shipment Frequency Period:	Year	Average Annual Shipment Quantity:	46000	Carrier Phone:	
Physical State In Transit:	Solid	Routes of Travel:	Rt 95 S to Mass exit 2A to Central Ave to Rt 152 N to Oakhill Ave to Clyde Street to Victor Road	Carrier 24 Hr Phone:	

Chemical Description	Physical Hazards	Health Hazards															
Chemical ID: 169490 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> <b>CAS #:</b> 143-33-9 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Sodium Cyanide 98-99% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)															
Inventory	Storage Codes & Location																
Max Daily Amt (lbs): 10000 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 7000 Avg Daily Amt Code: 05 Max Amt in Largest Container (lbs): 110.23 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[D]Steel drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Cyanide Storage Room</td> <td></td> <td>9000</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	Cyanide Storage Room		9000				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)												
[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	Cyanide Storage Room		9000												

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

### SHIPMENT DETAILS

Mode of Shipment: Trucks	Maximum Capacity Per Vessel: 44000	Carrier: Pete Dannecker A. Duie Pyle
Shipment Frequency Count: 1	Maximum Shipment Quantity at One Time: 6000	Carrier Address: 650 Westtown Road , Westchester, PA 19381
Shipment Frequency Period: Month	Average Annual Shipment Quantity: 6000	Carrier Phone: 800-523-5020 x3024
Physical State In Transit: Solid	Routes of Travel: Rt 95N to Mass Exit 2A to Central Avenue to Rt 152N to Oakhill Avenue to Clyde Street to Victor Road.	Carrier 24 Hr Phone: 800-843-8265

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 169501 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 1310-73-2 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Sodium Hydroxide Liquid 25-50% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location					
Max Daily Amt (lbs): 200000 Max Daily Amt Code: 10 Avg Daily Amt (lbs): 80000 Avg Daily Amt Code: 09 Max Amt in Largest Container (lbs): 3850 No of days onsite: 365	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Chemical Warm Storage - Storage Room 1		44440
	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Chemical Warm Storage - Storage Room 1		39080

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

## SHIPMENT DETAILS

Mode of Shipment:	Tank Trucks, Rail Car	Maximum Capacity Per Vessel:	200000	Carrier:	
Shipment Frequency Count:	35	Maximum Shipment Quantity at One Time:	200000	Carrier Address:	
Shipment Frequency Period:	Year	Average Annual Shipment Quantity:	1680000	Carrier Phone:	
Physical State In Transit:	Liquid	Routes of Travel:	Rt 195 W to Rt 95 N to Mass exit 2A to Central Ave to Rt 152 N to Oakhill to Clyde to Victor Road	Carrier 24 Hr Phone:	

Chemical Description	Physical Hazards	Health Hazards																											
Chemical ID: 169491 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 1310-73-2 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Sodium Hydroxide Solid EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																											
Inventory	Storage Codes & Location																												
Max Daily Amt (lbs): 36000 Max Daily Amt Code: 07 Avg Daily Amt (lbs): 22000 Avg Daily Amt Code: 06 Max Amt in Largest Container (lbs): 500 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[I]Fiber drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 2</td> <td></td> <td>23000</td> </tr> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 2</td> <td></td> <td>10000</td> </tr> <tr> <td>[J]Bag</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 2</td> <td></td> <td>3000</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[I]Fiber drum	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2		23000	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2		10000	[J]Bag	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2		3000				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)																								
[I]Fiber drum	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2		23000																								
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2		10000																								
[J]Bag	[1]Ambient pressure	[4]Ambient temperature	Storage Room 2		3000																								

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

### SHIPMENT DETAILS

Mode of Shipment:	Trucks	Maximum Capacity Per Vessel:	44000	Carrier:	
Shipment Frequency Count:	4	Maximum Shipment Quantity at One Time:	10000	Carrier Address:	
Shipment Frequency Period:	Year	Average Annual Shipment Quantity:	10000	Carrier Phone:	
Physical State In Transit:	Solid	Routes of Travel:	Rt 95N to Mass Exit 2A to Central Avenue to Rt 152N to Oakhill Avenue to Clyde Street To Victor Road	Carrier 24 Hr Phone:	

Chemical Description	Physical Hazards	Health Hazards																																							
Chemical ID: 169502 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> <b>CAS #:</b> 7681-52-9 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> Sodium Hypochlorite 15% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)																																							
Inventory	Storage Codes & Location																																								
Max Daily Amt (lbs): 120000 Max Daily Amt Code: 10 Avg Daily Amt (lbs): 80000 Avg Daily Amt Code: 09 Max Amt in Largest Container (lbs): 70000 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[F]Can</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 3</td> <td></td> <td>2700</td> </tr> <tr> <td>[A]Above ground tank</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Outside Storage</td> <td></td> <td>70000</td> </tr> <tr> <td>[G]Carboy</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 3</td> <td></td> <td>8500</td> </tr> <tr> <td>[O]Tote bin</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 3</td> <td></td> <td>50000</td> </tr> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room 3</td> <td></td> <td>51500</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[F]Can	[1]Ambient pressure	[4]Ambient temperature	Storage Room 3		2700	[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	Outside Storage		70000	[G]Carboy	[1]Ambient pressure	[4]Ambient temperature	Storage Room 3		8500	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Storage Room 3		50000	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Storage Room 3		51500				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)																																				
[F]Can	[1]Ambient pressure	[4]Ambient temperature	Storage Room 3		2700																																				
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	Outside Storage		70000																																				
[G]Carboy	[1]Ambient pressure	[4]Ambient temperature	Storage Room 3		8500																																				
[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Storage Room 3		50000																																				
[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Storage Room 3		51500																																				

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

### SHIPMENT DETAILS

Mode of Shipment:	Tank Trucks	Maximum Capacity Per Vessel:	65000	Carrier:
Shipment Frequency Count:	6	Maximum Shipment Quantity at One Time:	65000	Carrier Address:
Shipment Frequency Period:	Month	Average Annual Shipment Quantity:	4680000	Carrier Phone:
Physical State In Transit:	Liquid	Routes of Travel:	Rt 195 West to Rt 95 N to Mass exit 2A to Central Avenue to Rt 152N to Oakhill Avenue to Clyde Street to Victor Road.	Carrier 24 Hr Phone:

Chemical Description	Physical Hazards	Health Hazards															
Chemical ID: 169505 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7758-29-4 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> SODIUM TRIPOLYPHOSPHATE 94% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input checked="" type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)															
Inventory	Storage Codes & Location																
Max Daily Amt (lbs): 90000 Max Daily Amt Code: 09 Avg Daily Amt (lbs): 42000 Avg Daily Amt Code: 07 Max Amt in Largest Container (lbs): 55 No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[J]Bag</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Storage Room #2</td> <td></td> <td>90000</td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)	[J]Bag	[1]Ambient pressure	[4]Ambient temperature	Storage Room #2		90000				
Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)												
[J]Bag	[1]Ambient pressure	[4]Ambient temperature	Storage Room #2		90000												

# Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

## SHIPMENT DETAILS

Mode of Shipment:	Trucks	Maximum Capacity Per Vessel:	46000	Carrier:	
Shipment Frequency Count:	1	Maximum Shipment Quantity at One Time:	45000	Carrier Address:	
Shipment Frequency Period:	Year	Average Annual Shipment Quantity:	45000	Carrier Phone:	
Physical State In Transit:	Solid	Routes of Travel:	95 N to Mass exit 2 A to Central Avenue to 152 N to Oakhill Avenue to Clyde Street to Victor Road	Carrier 24 Hr Phone:	

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 169492 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7664-93-9 Trade Secret: <input type="checkbox"/> Chemical Name: Sulfuric Acid 25-93% EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input checked="" type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input checked="" type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location					
Max Daily Amt (lbs): 400000 Max Daily Amt Code: 10 Avg Daily Amt (lbs): 300000 Avg Daily Amt Code: 10 Max Amt in Largest Container (lbs): 3700 No of days onsite: 365	Container Type	Pressure	Temperature	Storage Location	Description	Max Amt At Location(lbs)
	[R]Other Desc:	[1]Ambient pressure	[4]Ambient temperature	Loading Dock # 2 & Storage Room 1, 2, 3		1000
	[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	Drumming Room		35500
	[M]Glass bottles or jugs	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		1100
	[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		98150
	[O]Tote bin	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		50000
	[N]Plastic bottles or jugs	[1]Ambient pressure	[4]Ambient temperature	Acid Storage Area Room 2		12350

## Tier II Emergency and Hazardous Chemical Inventory

Facility Name: Roberts Chemical Co., Inc. Facility ID: 2681

Reporting Period From January 1, 2019 to December 31, 2019

### SHIPMENT DETAILS

Mode of Shipment:	Trucks, Tank Trucks, Rail Car	Maximum Capacity Per Vessel:	200000	Carrier:	Pete Dannecker A. Duie Pyle
Shipment Frequency Count:	15	Maximum Shipment Quantity at One Time:	200000	Carrier Address:	650 Westtown Road , Westchester, PA 19381
Shipment Frequency Period:	Year	Average Annual Shipment Quantity:	3000000	Carrier Phone:	800-523-5020 x3024
Physical State In Transit:	Liquid	Routes of Travel:	95 N to Exit 2A to Central Avenue to Rt 152 N to Oakhill Avenue to Clyde Street to Victor Road.	Carrier 24 Hr Phone:	800-843-8265

### 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