

Tier II Emergency and Hazardous Chemical Inventory

Reporting Period From January 1, 2017 to December 31, 2017

Annual Update Revised Facility Information has changed from the last submission

Facility Identification				Owner/Operator Details	
ERC ID:	191450017	LEPC:		Name:	U of MN - Board of Regents
Facility Name:	U OF MN - ROSEMOUNT RESEARCH CENTER	Lat/Long:	44.72818/-93.067692	Address:	200 oak St SE, Suite 600 Minneapolis, MN 55455-2020, United States
Maximum Occupants:	20	Nature of Business:	Higher Education	Phone:	612-625-6300 Email: calvin@umn.edu
Physical Location:	15325 BABCOCK AVE, Rosemount, MN 55068			Parent Company Details	
County:	Dakota	NAICS Code:	611310	Name:	U of MN - Board of Regents
Fire Department:	ROSEMOUNT	SIC Code:	8221	Dun and Brad No:	555917996
Phone:	651-485-8519	Dun and Brad No:	555917996	Address:	200 oak St SE, Suite 600 Minneapolis, MN 55455-2020, United States
<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned		EIN ID(Tax Number):	41-6007513	Phone:	Email:
Email:	walde052@umn.edu	FTE:	10		
		Facility ID:	2661		
Subject to EPCRA Section 312 (Annual Inventory)?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Tier II Information Contact
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name:
Subject to Section 112r of Clean Air Act (CAA)?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Title:
RMP Facility ID:					Phone:
Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Email:
TRI Facility ID:					24 Hr.Phone:
					612-490-3687
Mailing Address				Facility Emergency Planning Coordinator	
Company Name:	U OF MN - Fay Thompson Center for Environmental Management			Name:	Michael Waldemar
Attention:	Brian Brosnan			Title:	Foreman
Street Address 1:	501 23RD AVE SE			Phone:	651-485-8519
Street Address 2:				24 Hr.Phone:	651-485-8519
City:	MINNEAPOLIS	State:	MN	Email:	walde052@umn.edu
Zip:	55455-0447	Phone:	612-624-6836		
Country:	United States				
Emergency Contacts					
Name	Title	Phone	24 Hr.Phone	Email	
Michael Waldemar	Foreman	651-485-8519	651-485-8519	walde052@umn.edu	
Rich Wirt	Mechanic	651-423-1118	612-490-9565	rdwirt@umn.edu	
Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 5, 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.				Optional Attachments	
Calvin Cole, Compliance Specialist		2/28/2018 3:04:00 PM	612-624-6870	<input checked="" type="checkbox"/> Site Plan <input checked="" type="checkbox"/> Site Coordinate Abbreviations <input type="checkbox"/> Other Safeguard measures <input type="checkbox"/> Facility Emergency Response Plan	
Name and official title of owner/operator or authorized representative		Date Signed	Telephone Number	Signature	

Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - ROSEMOUNT RESEARCH CENTER ERC ID: 191450017

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Chemical Description	Physical Hazards	Health Hazards													
Chemical ID: 546279 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7782-50-5 Trade Secret: <input type="checkbox"/> Chemical Name: CHLORINE EHS: <input checked="" type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input checked="" type="checkbox"/> EHS Name: CHLORINE <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas Chemical Added On: Exceed TPQ 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 checked="" 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 type="checkbox"/> Specific target organ toxicity (single or repeated exposure)													
Inventory	Storage Codes & Location														
Max Daily Amt (lbs): 150 Max Daily Amt Code: 02 Avg Daily Amt (lbs): 80 Avg Daily Amt Code: 01 Max Amt in Largest Container (lbs): 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>Lat/Long</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[L]Cylinder</td> <td>[2]Greater than ambient pressure</td> <td>[4]Ambient temperature</td> <td>WATER TOWER</td> <td></td> <td>44.72818/-93.067692</td> <td></td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)	[L]Cylinder	[2]Greater than ambient pressure	[4]Ambient temperature	WATER TOWER		44.72818/-93.067692	
Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)									
[L]Cylinder	[2]Greater than ambient pressure	[4]Ambient temperature	WATER TOWER		44.72818/-93.067692										

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Facility/Site Name: U OF MN - ROSEMOUNT RESEARCH CENTER ERC ID: 191450017

Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards					
Chemical ID: 546278 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 68476-30-2 Trade Secret: <input type="checkbox"/> Chemical Name: FUEL OIL EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: _____ Exceed TPQ 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 checked="" 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 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 checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)					
Inventory	Storage Codes & Location						
Max Daily Amt (lbs): 66500 Max Daily Amt Code: 08 Avg Daily Amt (lbs): 39900 Avg Daily Amt Code: 07 Max Amt in Largest Container (lbs): No of days onsite: 365	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)
	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	2205 155TH ST		44.72818/-9 3.067692	
	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	1950 153RD ST		44.72818/-9 3.067692	
	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	1950 153RD ST		44.72818/-9 3.067692	

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Chemical Description	Physical Hazards	Health Hazards					
Chemical ID: 546280 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 74-98-6 Trade Secret: <input type="checkbox"/> Chemical Name: PROPANE (LIQUIFIED PETROLEUM GAS) 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 checked="" type="checkbox"/> Gas Chemical Added On: Exceed TPQ 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 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 checked="" 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): 13800 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 5600 Avg Daily Amt Code: 05 Max Amt in Largest Container (lbs): No of days onsite: 365	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)
	[A]Above ground tank	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	2240 152ND ST		44.72818/-93.067692	
	[A]Above ground tank	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	2200 156TH ST		44.72818/-93.067692	
	[A]Above ground tank	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	1980 153RD ST		44.72818/-93.067692	

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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