

## 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

<b>Facility Identification</b>				<b>Owner/Operator Details</b>	
ERC ID:	271350074	LEPC:		Name:	U of MN - Board of Regents
Facility Name:	U OF MN - MINNEAPOLIS CAMPUS	Lat/Long:	44.975697/-93.234093	Address:	200 Oak St SE, Suite 600 Minneapolis, MN 55455-2020, United States
Maximum Occupants:	45000	Nature of Business:	Higher Education	Phone:	612-625-6300 Email: calvin@umn.edu
Physical Location:	100 CHURCH ST SE, Minneapolis, MN 55455			<b>Parent Company Details</b>	
County:	Hennepin	NAICS Code:	611310	Name:	U of MN - Board of Regents
Fire Department:	MINNEAPOLIS	SIC Code:	8221	Dun and Brad No:	555917996
Phone:	612-625-9446	Dun and Brad No:		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:	dressler@umn.edu	FTE:	14000	Email:	
		Facility ID:	4530	<b>Tier II Information Contact</b>	
Subject to EPCRA Section 312 (Annual Inventory)?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Name:	Calvin Cole
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Title:	Compliance Specialist
Subject to Section 112r of Clean Air Act (CAA)?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Phone:	612-624-6870 24 Hr.Phone: 612-490-3687
RMP Facility ID:				Email:	calvin@umn.edu
Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>Facility Emergency Planning Coordinator</b>	
TRI Facility ID:				Name:	Lisa Dressler
<b>Mailing Address</b>				Title:	Director of Emergency Management
Company Name:	U OF MN - Fay Thompson Center for Environmental Management			Phone:	612-625-9446 24 Hr.Phone: 612-685-0575
Attention:	Brian Brosnan			Email:	dressler@umn.edu
Street Address 1:	501 23RD AVE SE				
Street Address 2:					
City:	MINNEAPOLIS	State:	MN		
Zip:	55455-0447	Phone:	612-624-6826		
Country:	United States				
<b>Emergency Contacts</b>					
<b>Name</b>	<b>Title</b>	<b>Phone</b>	<b>24 Hr.Phone</b>	<b>Email</b>	
Lisa Dressler	Director of Emergency Management	612-625-9446	612-685-0575	dressler@umn.edu	
Mike Martin	Assistant Director of Emergency Management	612-626-1388	612-685-1231	memartin@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 33, 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>	
Calvin Cole, Compliance Specialist		2/28/2018 1:13:28 PM	612-624-6870	Calvin Cole	
Name and official title of owner/operator or authorized representative		Date Signed	Telephone Number	Signature	
				<input checked="" type="checkbox"/> <a href="#">Site Plan</a>	
				<input checked="" type="checkbox"/> <a href="#">Site Coordinate Abbreviations</a>	
				<input type="checkbox"/> Other Safeguard measures	
				<input type="checkbox"/> Facility Emergency Response Plan	

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS    ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards					
Chemical ID: 547051 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7782-50-5 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> 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 checked="" 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): 1800 Max Daily Amt Code: 04 Avg Daily Amt (lbs): 1080 Avg Daily Amt Code: 04 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)
	[L]Cylinder	[2]Greater than ambient pressure	[4]Ambient temperature	AQUATIC CENNTER, 1900 UNIVERSITY AVE SE		44.975697/-93.234093	
	[L]Cylinder	[2]Greater than ambient pressure	[4]Ambient temperature	COOKE HALL, 1910 UNIVERSITY AVENUE SE		44.975697/-93.234093	

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS    ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 547063 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 68476-34-6 Trade Secret: <input type="checkbox"/> Chemical Name: DIESEL FUEL 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 type="checkbox"/> Aspiration hazard <input checked="" type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input checked="" 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): 403515 Max Daily Amt Code: 10 Avg Daily Amt (lbs): 237195 Avg Daily Amt Code: 10 Max Amt in Largest Container (lbs): No of days onsite: 365	<table border="1" style="width:100%"> <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>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>Cancer Cardio Research Building, 2231 6th ST SE,</td> <td></td> <td>/</td> <td>4490</td> </tr> <tr> <td>[B]Below ground tank</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>4TH STREET SWITCH STATION, 1625 4TH ST SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>717 DELAWARE ST. SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>MARIUCCI ARENA, 1901 4TH ST SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>FAY THOMPSON CENTER FOR ENVIRONMENTAL MANAGEMENT, 501</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	Cancer Cardio Research Building, 2231 6th ST SE,		/	4490	[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	4TH STREET SWITCH STATION, 1625 4TH ST SE		44.975697/-93.234093		[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	717 DELAWARE ST. SE		44.975697/-93.234093		[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	MARIUCCI ARENA, 1901 4TH ST SE		44.975697/-93.234093		[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	FAY THOMPSON CENTER FOR ENVIRONMENTAL MANAGEMENT, 501		44.975697/-93.234093	
Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)																																					
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	Cancer Cardio Research Building, 2231 6th ST SE,		/	4490																																					
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	4TH STREET SWITCH STATION, 1625 4TH ST SE		44.975697/-93.234093																																						
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	717 DELAWARE ST. SE		44.975697/-93.234093																																						
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	MARIUCCI ARENA, 1901 4TH ST SE		44.975697/-93.234093																																						
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	FAY THOMPSON CENTER FOR ENVIRONMENTAL MANAGEMENT, 501		44.975697/-93.234093																																						

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

			23RD AVE SE			
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	HASSELMO HALL, 400 CHURCH ST SE		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	HASSELMO HALL, 400 CHURCH ST SE		44.975697/-93.234093	
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	CENTER FOR MAGNETIC RESONANCE RESEARCH, 2021 6TH ST SE		44.975697/-93.234093	
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	WALTER LIBRARY, 117 PLEASANT ST SE		/	29960
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	WALTER LIBRARY, 117 PLEASANT ST SE		44.975697/-93.234093	
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	WEST BANK DOCK, 271 19TH AVE S		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	ANDERSON HALL, 257 19TH AVE S		44.975697/-93.234093	
[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	MECHANICAL ENGINEERING, 111 CHURCH ST SE		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	MIDDLEBROOK HALL, 412 22ND AVE S		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	WALTER F MONDALE HALL, 229 19TH AVE S		44.975697/-93.234093	
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	21ST AVENUE RAMP, 400 21ST AVE S		44.975697/-93.234093	

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[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	HUBERT H HUMPHREY CENTER, 301 19TH AVE S	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	19TH AVENUE RAMP, 300 19TH AVE S	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	CARLSON SCHOOL OF MANAGEMENT, 321 19TH AVE S	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	MAYO GARAGE, 420 DELAWARE ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	ELMER L ANDERSON LIBRARY, 222 21ST AVE S	44.975697/-93.234093	
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	RIDDER ARENA AND TENNIS FACILITY, 1815 4TH ST SE	44.975697/-93.234093	
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	4TH 4TH STREET SWITCH STATION, 1625 4TH ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	MARK G YUDOF HALL, 200 DELAWARE ST SE	44.975697/-93.234093	
[D]Steel drum	[1]Ambient pressure	[4]Ambient temperature	FAY THOMPSON CENTER FOR ENVIRONMENTAL MANAGEMENT, 501 23RD AVE SE	44.975697/-93.234093	

## Tier II Emergency and Hazardous Chemical Inventory

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

[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	WEAVER-DE NSFORD, 308 HARVARD ST SE		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	WILLIAMSON HALL, 232 PILLSBURY DR		44.975697/-93.234093	
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	CIVIL ENGINEERING BUILDING, 500 PILLSBURY DR		/	4494
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	4TH STREET SWITCH STATION, 1625 4TH ST SE		44.975697/-93.234093	
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	TELECOMMUNICATIONS BUILDING, 90 CHURCH ST SE		/	29960
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	CHURCH STREET GARAGE, 80 CHURCH ST SE		/	4494
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	ELECTRICAL ENGINEERING / COMPUTER SCIENCE, 200 UNION ST SE		/	7490
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	ELECTRICAL ENGINEERING / COMPUTER SCIENCE, 200 UNION ST SE		44.975697/-93.234093	
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	UNIVERSITY AQUATIC CENTER		/	2247
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	LIONS RESEARCH		44.975697/-93.234093	

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074

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

			BUILDING, 2001 6TH ST SE		
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	UNIVERSITY AVENUE PARKING RAMP, 1926 UNIVERSITY AVENUE		44.975697/- 93.234093
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	WILLIAMS ARENA / SPORTS PAVILION, 1925 UNIVERSITY AVE		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	COMSTOCK HALL, 210 DELAWARE ST SE		44.975697/- 93.234093
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	YMCA BUILDING, 1901 UNIVERSITY AVENUE		44.975697/- 93.234093
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	MEDICAL BIOSIENGE BLDG, 2101 6TH STREET SE		44.975697/- 93.234093
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	717 DELAWARE ST. SE		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	COFFMAN MEMORIAL UNION, 300 WASHINGTON AVE SE		44.975697/- 93.234093
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	KOLTOFF HALL, 225 PLEASANT ST SE		44.975697/- 93.234093
[A]Above ground tank	[1]Ambient pressure	[4]Ambient temperature	NORTHROP MEMORIAL AUDITORIUM, 84 CHURCH ST SE		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	TCF BANK STADIUM, 420 - 23RD AVENUE SE		44.975697/- 93.234093

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

[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	HANSON HALL, 1925 FOURTH STREET S		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	WASHINGTON AVENUE RAMP, 501 WASHINGTON AVE SE		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	PHILLIPS-WANGENSTEIN BUILDING, 516 DELAWARE AVE SE		44.975697/-93.234093	
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	PHILLIPS-WANGENSTEIN BUILDING, 516 DELAWARE AVE SE		/	44940
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	MCGUIRE TRANSLATIONAL RESEARCH FACILITY, 2001 6TH ST. SE		/	18725
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	Health Clinics and Surgery Center, 909 Fulton St SE	West side of building, south of the mid line	/	37275
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	Microbiology Research Facility, 689 23rd Ave. SE	Tank inside building [5-139 MRF]	/	4400
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	AMUNDSON HALL, 421 WASHINGTON AVE SE	[570B Amund H]	/	4400
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	U of MN Health Clinics and Surgery Center, 909 Fulton St. SE.		/	3355

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074

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

Chemical Description	Physical Hazards	Health Hazards					
Chemical ID: 547059 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 75-45-6 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> FREON 22, MONOCHLORODIFLUOROMETHANE 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 type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input checked="" 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 checked="" 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): 10100 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 10100 Avg Daily Amt Code: 06 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)
	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	COMSTOCK HALL,210 DELAWARE ST. SE		44.975697/-93.234093	
	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	CENTER FOR MAGNETIC RESONANCE RESEARCH, 2021 6TH ST SE		44.975697/-93.234093	
	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	TATE LAB OF PHYSICS, 116 CHURCH ST SE		44.975697/-93.234093	
	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	DONHOWE BUILDING,31 9 15TH ST SE		44.975697/-93.234093	
	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	BIERMAN FIELD ATHLETIC BLDG		44.975697/-93.234093	

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[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	2642 UNIVERSITY AVENUE	44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	LIONS RESEARCH BLDG	44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	THOMPSON CENTER FOR ENVIRONMENTAL MANAGEMENT	44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	INFORMATION TECHNOLOGY	44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	PATTEE HALL	44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	WULLING HALL	44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	FOWELL HALL	44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	JOHNSON HALL	44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	SCIENCE CLASSROOM	44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	SHEPHERD LABS	44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	WEISMAN ART MUSEUM	44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	MECHANICAL ENGINEERING	44.975697/-93.234093	

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[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	CENTENIAL HALL, 614 DELAWARE ST. SE		44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	1901 UNIVERSITY AVENUE		44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	TRANSPORTATION SAFETY BLDG		44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	FOOD OPERATIONS BLDG		44.975697/-93.234093	
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	WILLIAMS ARENA & SPORTS PAVILION, 1925 UNIVERSITY AVENUE		44.975697/-93.234093	

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS    ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards					
Chemical ID: 548969 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: N/A Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> <span style="color: blue;">Lead Acid Batteries</span> EHS: <input type="checkbox"/> Contains EHS: <input checked="" type="checkbox"/> Exceeds TPQ: <input checked="" type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input checked="" 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 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 checked="" 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): 45250 Max Daily Amt Code: 07 Avg Daily Amt (lbs): 45250 Avg Daily Amt Code: 07 Max Amt in Largest Container (lbs): No of days onsite: 365	<b>Container Type</b>	<b>Pressure</b>	<b>Temperature</b>	<b>Storage Location</b>	<b>Description</b>	<b>Lat/Long</b>	<b>Max Amt At Location(lbs)</b>
	[R]Other Desc: Article in Plastic or Metal Case	[1]Ambient pressure	[4]Ambient temperature	Various Locations	Batteries in Various equipment.	/	

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS    ERC ID: 271350074

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

### MIXTURE COMPONENTS

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
Sulfuric acid	38	7664-93-9	<input checked="" type="checkbox"/>	Sulfuric acid	17195	06
Lead	34	7439-92-1	<input type="checkbox"/>		15385	06
Lead Oxide	31	1309-60-0	<input type="checkbox"/>		14027.5	06
Lead Sulfate	1	7446-14-2	<input type="checkbox"/>		452.5	02
Antimony	2	7440-36-0	<input type="checkbox"/>		905	03
Arsenic	0.2	7440-38-2	<input type="checkbox"/>		90.5	01
Calcium	0.15	7440-70-2	<input type="checkbox"/>		67.875	01
Tin	1	7440-31-5	<input type="checkbox"/>		452.5	02
polypropylene	10.5	9003-07-0	<input type="checkbox"/>		4751.25	04
Polyethylene	1.7	9002-88-4	<input type="checkbox"/>		769.25	03

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS      ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 547054 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 8012-95-1 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> MINERAL OIL (HYDRAULIC FLUID) 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 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
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Max Daily Amt (lbs): 97000 Max Daily Amt Code: 09 Avg Daily Amt (lbs): 97000 Avg Daily Amt Code: 09 Max Amt in Largest Container (lbs): No of days onsite: 365	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">Container Type</th> <th style="width:15%;">Pressure</th> <th style="width:15%;">Temperature</th> <th style="width:15%;">Storage Location</th> <th style="width:15%;">Description</th> <th style="width:15%;">Lat/Long</th> <th style="width:15%;">Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>HUBERT H HUMPHREY CENTER, 301 19TH AVE S</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>BLEGAN HALL, 269 19TH AVE S</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>BIERMAN FIELD ATHLETIC BUILDING, 516 15TH AVE SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>GIBSON / NAGURSKI FOOTBALL PRACTICE FACILITY, 600 15TH AVE SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>JANE SAGE COWLES STADIUM, 620 18TH AVE SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	HUBERT H HUMPHREY CENTER, 301 19TH AVE S		44.975697/-93.234093		[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	BLEGAN HALL, 269 19TH AVE S		44.975697/-93.234093		[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	BIERMAN FIELD ATHLETIC BUILDING, 516 15TH AVE SE		44.975697/-93.234093		[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	GIBSON / NAGURSKI FOOTBALL PRACTICE FACILITY, 600 15TH AVE SE		44.975697/-93.234093		[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	JANE SAGE COWLES STADIUM, 620 18TH AVE SE		44.975697/-93.234093	
Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)																																					
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	HUBERT H HUMPHREY CENTER, 301 19TH AVE S		44.975697/-93.234093																																						
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	BLEGAN HALL, 269 19TH AVE S		44.975697/-93.234093																																						
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	BIERMAN FIELD ATHLETIC BUILDING, 516 15TH AVE SE		44.975697/-93.234093																																						
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	GIBSON / NAGURSKI FOOTBALL PRACTICE FACILITY, 600 15TH AVE SE		44.975697/-93.234093																																						
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	JANE SAGE COWLES STADIUM, 620 18TH AVE SE		44.975697/-93.234093																																						

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074

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

[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	REGIS CENTER FOR THE ARTS, 405 & 418 21ST AVE S		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	EDDY HALL, 192 PILLSBURY DR SE		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	PATTEE HALL, 150 PILLSBURY DR SE		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	CHILD DEVELOPM ENT, 51 E RVER PKWY		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	FOLWELL HALL, 9 PLEASANT ST SE		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	ELMER L ANDERSON LIBRARY, 222 21ST AVE S		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	WILLEY HALL, 225 19TH AVE S		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	WALTER F MONDALE HALL, 229 19TH AVE S		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	FERGUSON HALL, 2106 4TH ST S		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	TED MANN CONCERT HALL, 2128 4TH ST S		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	BARBARA BARKER CENTER FOR DANCE, 500 21ST AVE S		44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	WILLIAMS ARENA, 1925 UNIVERSITY AVE SE		44.975697/-93.234093	

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074

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

[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	UNIVERSITY AQUATIC CENTER, 1910 UNIVERSITY AVE SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	UNIVERSITY FIELD HOUSE, 1800 UNIVERSITY AVENUE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	COOKE HALL, 1900 UNIVERSITY AVE SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	MARIUCCI ARENA, 1901 4TH ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	RIDDER ARENA & TENNIS FACILITY, 1815 4TH ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	UNIVERSITY PRESS BUILDING, 2037 UNIVERSITY AVE SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	19TH AVENUE PARKING RAMP, 300 19TH AVE S	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	21ST AVENUE PARKING RAMP, 400 21ST AVENUE S	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	LANDCARE FACILITY, 2328 4TH ST. SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	MAST LABORATORY, 2525 4TH ST. SE	/	1549

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074

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

[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	MAGNETIC RESONANCE RESEARCH, 2021 6TH ST. SE.	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	CIVIL ENGINEERING, 500 PILLSBURY DR. SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	ROY WILKINS HALL, 1212 UNIVERSITY AVE SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	SANFORD HALL, 1122 UNIVERSITY AVE SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	CHURCH STREET PARKING GARAGE, 80 CHURCH ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	TRANSPORTATION & SAFETY BUILDING, 511 WASHINGTON AVE SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	4TH STREET PARKING RAMP, 1625 4TH ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	ELECTRICAL ENGINEERING / COMPUTER SCIENCE, 200 UNION ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	SHEVLIN HALL, 164 PILLSBURY DR SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	NORRIS HALL, 172	44.975697/-93.234093	

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074

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

			PILLSBURY DR SE		
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	BELL MUSEUM OF NATURAL HISTORY, 10 CHURCH ST SE		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	WALTER LIBRARY, 117 PLEASANT ST SE		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	VFW CANCER RESEARCH CENTER, 406 HARVARD ST SE		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	DIEHL HALL, 505 ESSEX ST SE		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	PHILLIPS-W ANGENSTE EN BUILDING, 516 DELAWARE ST SE		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	CANCER CENTER RESEARCH BUILDING, 425 E RIVER PKWY		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	PIONEER HALL, 615 FULTON ST SE		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	FRONTIER HALL, 701 FULTON ST SE		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	WILLIAMSO N HALL, 231 PILLSBURY DR SE		44.975697/- 93.234093
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	PILLSBURY HALL, 310 PILLSBURY DR SE		44.975697/- 93.234093

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074

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

[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	NICHOLSON HALL, 216 PILLSBURY DR SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	WESBROOK HALL, 77 PLEASANT ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	WULLING HALL, 86 PLEASANT ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	SMITH HALL, 207 PLEASANT ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	VINCENT HALL, 206 CHURCH ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	MURPHY HALL, 206 CHURCH ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	FORD HALL, 224 CHURCH ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	TATE LAB OF PHYSICS, 116 CHURCH ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	LIND HALL, 207 CHURCH ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	TERRITORIAL HALL, 417 WALLNUT ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	CENTENNIAL HALL, 614 DELAWARE ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	COMSTOCK HALL, 210 DELAWARE ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	MIDDLEBROOK HALL,	44.975697/-93.234093	

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS    ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

		412 22ND AVE S		
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Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 547052 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 8012-95-1 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> MINERAL OIL (IN TRANSFORMERS) 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 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): 110200 Max Daily Amt Code: 10 Avg Daily Amt (lbs): 110200 Avg Daily Amt Code: 10 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	[5]Greater than ambient temperature	NOLTE CENTER GARAGE, 315 PILLSBURY DR SE		44.975697/-93.234093	
	[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	WILLIAMSON HALL, 231 PILLSBURY DR SE		44.975697/-93.234093	
	[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	MORRILL HALL, 100 CHURCH ST SE		44.975697/-93.234093	
	[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	TATE LAB OF PHYSICS, 116 CHURCH ST SE		44.975697/-93.234093	
	[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	VINCENT HALL, 206		44.975697/-93.234093	

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074

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

			CHURCH ST SE		
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	KOLTHOFF HALL, 225 PLEASANT ST SE		44.975697/-93.234093
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	PIEK HALL, 159 PILLSBURY DR SE		44.975697/-93.234093
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	CHILD DEVELOPMENT CENTER, 51 E RIVER PKWY		44.975697/-93.234093
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	NORRIS HALL, 172 PILLSBURY DR SE		44.975697/-93.234093
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	FRASER HALL, 106 PLEASANT ST SE		44.975697/-93.234093
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	SCIENCE CLASSROOM BLDG, 222 PLEASANT ST SE		44.975697/-93.234093
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	JANE SAGE COWLES STADIUM, 620 18TH AVE SE		44.975697/-93.234093
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	BIERMAN FIELD		44.975697/-93.234093
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	WEST OF REGIS CENTER FOR ART, 418 21ST AVE S		44.975697/-93.234093
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	NORTH OF REGIS CENTER FOR ART, 405 21ST AVE S		44.975697/-93.234093
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	WEST OF APPLEBY HALL, 128		44.975697/-93.234093

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074

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

			PLEASANT ST SE		
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	PATTEE HALL, 150 PILLSBURY DR SE	44.975697/- 93.234093	
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	SOUTH OF SANFORD HALL, 1122 UNIVERSITY AVE SE	44.975697/- 93.234093	
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	NORTH OF WASHINGTON N AVE PARKING RAMP, 501 WASHINGTON N AVE SE	44.975697/- 93.234093	
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	NORTH OF TERRITORIAL HALL, 417 WALNUT ST SE	44.975697/- 93.234093	
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	SOUTH OF KLAEBER COURT, 320 16TH AVE SE	44.975697/- 93.234093	
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	SOUTHSIDE OF WILLIAMS ARENA, 1925 UNIVERSITY AVE SE	44.975697/- 93.234093	
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	EASTSIDE OF WILLIAMS ARENA, 1925 UNIVERSITY AVE SE	44.975697/- 93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	SOCIAL SCIENCES BLDG, 267 19TH AVE S	44.975697/- 93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	OAK STREET PARKING RAMP, 401 OAK ST SE	44.975697/- 93.234093	

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074

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

[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	CENTENNIAL HALL, 614 DELAWARE ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	VARIETY CLUB RESEARCH CENTER, 401 E RIVER PKWY	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	MAYO MEMORIAL BLDG, 420 DELAWARE ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	JACKSON HALL, 321 CHURCH ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	DIEHL HALL, 505 ESSEX ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	MASONIC CANCER CENTER,	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	WEAVER-DE NSFORD HALL, 308 HARVARD ST SE	44.975697/-93.234093	
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	BIERMAN FIELD ATHLETIC BLDG, 516 15TH AVE SE	44.975697/-93.234093	
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	GIBSON/NA GURSKI FOOTBALL PRACTICE FACILITY, 600 15TH AVE SE	44.975697/-93.234093	
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	BIERMAN TRACK AND FIELD STADIUM	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	FERGUSON HALL, 2106 4TH ST S	44.975697/-93.234093	

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS      ERC ID: 271350074

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

[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	WALTER F MONDALE HALL, 229 19TH AVE S	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	MIDDLEBROOK HALL, 412 22ND AVE S	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	FIELD HOUSE, 1800 UNIVERSITY AVENUE SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	CIVIL ENGINEERING BLDG, 500 PILLSBURY DR SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	HUBERT H HUMPHREY CENTER, 301 19TH AVE S	44.975697/-93.234093	
[A]Above ground tank	[1]Ambient pressure	[5]Greater than ambient temperature	NORTHSIDE OF MINERAL RESOURCES RESEARCH CENTER, 56 E RIVER PKWY,	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	COMSTOCK HALL, 210 DELAWARE ST SE	44.975697/-93.234093	
[C]Tank inside building	[1]Ambient pressure	[5]Greater than ambient temperature	CHILDREN'S REHABILITATION CENTER, 426 CHURCH ST SE	44.975697/-93.234093	

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS      ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 547064 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 7727-37-9 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> NITROGEN, REFRIGERATED LIQUID 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: _____ 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 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 checked="" 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
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Max Daily Amt (lbs): 164400 Max Daily Amt Code: 10 Avg Daily Amt (lbs): 91500 Avg Daily Amt Code: 09 Max Amt in Largest Container (lbs): No of days onsite: 365	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:12.5%;">Container Type</th> <th style="width:12.5%;">Pressure</th> <th style="width:12.5%;">Temperature</th> <th style="width:12.5%;">Storage Location</th> <th style="width:12.5%;">Description</th> <th style="width:12.5%;">Lat/Long</th> <th style="width:12.5%;">Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[A]Above ground tank</td> <td>[2]Greater than ambient pressure</td> <td>[7]Cryogenic conditions</td> <td>717 DELAWARE AVE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[A]Above ground tank</td> <td>[2]Greater than ambient pressure</td> <td>[7]Cryogenic conditions</td> <td>AMUNDSON HALL, 421 WASHINGTON AVE SE</td> <td>6000 gallons (50.46 lbs / ft3)</td> <td>/</td> <td>40473</td> </tr> <tr> <td>[A]Above ground tank</td> <td>[2]Greater than ambient pressure</td> <td>[7]Cryogenic conditions</td> <td>SMITH HALL, 207 PLEASANT ST SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[A]Above ground tank</td> <td>[2]Greater than ambient pressure</td> <td>[7]Cryogenic conditions</td> <td>ELECTRICAL ENGINEERING / COMPUTER SCIENCE, 200 UNION ST S E</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[A]Above ground tank</td> <td>[2]Greater than ambient pressure</td> <td>[7]Cryogenic conditions</td> <td>Cancer and Cardiovascular Research Bldg, 2231 6th St SE</td> <td>Adjacent to Loading dock</td> <td>/</td> <td></td> </tr> <tr> <td>[A]Above ground tank</td> <td>[2]Greater than ambient pressure</td> <td>[7]Cryogenic conditions</td> <td>Physics and Nanotechnology Building,</td> <td>Adjacent to Loading dock</td> <td>/</td> <td></td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)	[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	717 DELAWARE AVE		44.975697/-93.234093		[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	AMUNDSON HALL, 421 WASHINGTON AVE SE	6000 gallons (50.46 lbs / ft3)	/	40473	[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	SMITH HALL, 207 PLEASANT ST SE		44.975697/-93.234093		[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	ELECTRICAL ENGINEERING / COMPUTER SCIENCE, 200 UNION ST S E		44.975697/-93.234093		[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	Cancer and Cardiovascular Research Bldg, 2231 6th St SE	Adjacent to Loading dock	/		[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	Physics and Nanotechnology Building,	Adjacent to Loading dock	/	
Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)																																												
[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	717 DELAWARE AVE		44.975697/-93.234093																																													
[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	AMUNDSON HALL, 421 WASHINGTON AVE SE	6000 gallons (50.46 lbs / ft3)	/	40473																																												
[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	SMITH HALL, 207 PLEASANT ST SE		44.975697/-93.234093																																													
[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	ELECTRICAL ENGINEERING / COMPUTER SCIENCE, 200 UNION ST S E		44.975697/-93.234093																																													
[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	Cancer and Cardiovascular Research Bldg, 2231 6th St SE	Adjacent to Loading dock	/																																													
[A]Above ground tank	[2]Greater than ambient pressure	[7]Cryogenic conditions	Physics and Nanotechnology Building,	Adjacent to Loading dock	/																																													

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

115 Union St.  
SE

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 547060 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: <b>PROPANE</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 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 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 checked="" 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						
	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)
Max Daily Amt (lbs): 17500 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 1106 Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): No of days onsite: 365	[L]Cylinder	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	TCF BANK STADIUM, 2009 UNIVERSITY AVE. S.E.		44.975697/-93.234093	
	[L]Cylinder	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	MAST LABORATOR Y, 2524 4TH ST. S.E.		44.975697/-93.234093	
	[L]Cylinder	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	MARIUCCI ARENA, 1901 4TH ST. S.E.		44.975697/-93.234093	
	[L]Cylinder	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	CIVIL ENGINEERING BLDG., 500 PILLSBURY DR. S.E.		44.975697/-93.234093	
	[L]Cylinder	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	REGIS CENTER FOR ART,		44.975697/-93.234093	

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

4005 21ST  
 AVE. S.

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 547056 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 306-83-2 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> R123, 1,1-DICHLORO-2, 2, 2-TRIFLUOROETHANE 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 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 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 checked="" 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						
	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)
Max Daily Amt (lbs): 32100 Max Daily Amt Code: 07 Avg Daily Amt (lbs): 32100 Avg Daily Amt Code: 07 Max Amt in Largest Container (lbs): No of days onsite: 365	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	PHILLIPS-W ANGENSTE EN BUILDING, 516 DELAWARE ST SE		44.975697/-93.234093	
	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	NORTHROP MEMORIAL AUDITORIUM, 84 CHURCH ST SE		44.975697/-93.234093	
	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	O MEREDITH WILSON LIBRARY, 309 19TH AVE S		44.975697/-93.234093	
	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	MOLECULAR & CELLULAR BIOLOGY,		44.975697/-93.234093	

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074

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

			420 WASH. AVE SE		
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	RIVERBEND COMMONS		44.975697/- 93.234093
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	AMUNDSON HALL, 421 WASHINGTON AVE SE		44.975697/- 93.234093
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	MECHANICA L ENGINEERI NG, 111 CHURCH ST. SE		44.975697/- 93.234093
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	FRONTIER HALL, 701 FULTON ST. SE		44.975697/- 93.234093
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	RECREATIO N CENTER		44.975697/- 93.234093
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	MARIUCCI ARENA, 1901 4TH ST. SE		44.975697/- 93.234093
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	MALCOLM MOOS HEALTH SCIENCES, 515 DELAWARE ST SE		44.975697/- 93.234093

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 547057 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 811-97-2 Trade Secret: <input type="checkbox"/> Chemical Name: <b>R134A, 1, 1, 1, 2-TETRAFLUOROETHANE</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 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 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 checked="" 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
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Max Daily Amt (lbs): 11600 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 11600 Avg Daily Amt Code: 06 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>[R]Other Desc:</td> <td>[2]Greater than ambient pressure</td> <td>[6]Less than ambient temperature but not cryogenic</td> <td>NILS HASSELMO HALL, 312 CHURCH ST SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[R]Other Desc:</td> <td>[2]Greater than ambient pressure</td> <td>[6]Less than ambient temperature but not cryogenic</td> <td>TED MANN CONCERT HALL, 2128 4TH ST S</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[R]Other Desc:</td> <td>[2]Greater than ambient pressure</td> <td>[6]Less than ambient temperature but not cryogenic</td> <td>ELECTRICAL ENGINEERING / COMPUTER SCIENCE, 200 UNION ST SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[R]Other Desc:</td> <td>[2]Greater than ambient pressure</td> <td>[6]Less than ambient temperature but not cryogenic</td> <td>APPLEBY HALL, 128 PLEASANT ST SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	NILS HASSELMO HALL, 312 CHURCH ST SE		44.975697/-93.234093		[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	TED MANN CONCERT HALL, 2128 4TH ST S		44.975697/-93.234093		[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	ELECTRICAL ENGINEERING / COMPUTER SCIENCE, 200 UNION ST SE		44.975697/-93.234093		[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	APPLEBY HALL, 128 PLEASANT ST SE		44.975697/-93.234093	
	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)																													
	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	NILS HASSELMO HALL, 312 CHURCH ST SE		44.975697/-93.234093																														
	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	TED MANN CONCERT HALL, 2128 4TH ST S		44.975697/-93.234093																														
	[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	ELECTRICAL ENGINEERING / COMPUTER SCIENCE, 200 UNION ST SE		44.975697/-93.234093																														
[R]Other Desc:	[2]Greater than ambient pressure	[6]Less than ambient temperature but not cryogenic	APPLEBY HALL, 128 PLEASANT ST SE		44.975697/-93.234093																															

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS    ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards					
Chemical ID: 547062 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> ROCK SALT (SODIUM CHLORIDE) 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: _____ 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 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 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): 600000 Max Daily Amt Code: 11 Avg Daily Amt (lbs): 300000 Avg Daily Amt Code: 10 Max Amt in Largest Container (lbs): No of days onsite: 365	<b>Container Type</b>	<b>Pressure</b>	<b>Temperature</b>	<b>Storage Location</b>	<b>Description</b>	<b>Lat/Long</b>	<b>Max Amt At Location(lbs)</b>
	[R]Other Desc: Storage Building	[1]Ambient pressure	[4]Ambient temperature	520 18th Ave SE		/	

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS    ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 549462 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: N/A Trade Secret: <input type="checkbox"/> Chemical Name: <b>Sodium Chloride Solution</b> 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 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 type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location						
Max Daily Amt (lbs): 24000 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 3000 Avg Daily Amt Code: 04 Max Amt in Largest Container (lbs): No of days onsite: 365	<b>Container Type</b>	<b>Pressure</b>	<b>Temperature</b>	<b>Storage Location</b>	<b>Description</b>	<b>Lat/Long</b>	<b>Max Amt At Location(lbs)</b>
	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	Landcare and Facilities Operations Bldg. 2609 4th St SE		/	

MIXTURE COMPONENTS

Chemical Name	%	CAS #	EHS	EHS Name	Max Daily Amount (lbs)	Max Daily Amount Code
Sodium Chloride	23.3	7647-14-5	<input type="checkbox"/>		5592	05
Water	76.7	7732-18-5	<input type="checkbox"/>		18408	06

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS    ERC ID: 271350074  
 Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 547055 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: <b>SULFURIC ACID</b> EHS: <input checked="" type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input checked="" type="checkbox"/> EHS Name: SULFURIC ACID <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 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 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
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Max Daily Amt (lbs): 750 Max Daily Amt Code: 03 Avg Daily Amt (lbs): 200 Avg Daily Amt Code: 02 Max Amt in Largest Container (lbs): No of days onsite: 365	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">Container Type</th> <th style="width:15%;">Pressure</th> <th style="width:15%;">Temperature</th> <th style="width:15%;">Storage Location</th> <th style="width:15%;">Description</th> <th style="width:15%;">Lat/Long</th> <th style="width:15%;">Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>AMUNDSON HALL, 421 WASHINGTON AVE SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>AMUNDSON HALL, 421 WASHINGTON AVE SE</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[C]Tank inside building</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>REGIS CENTER FOR ART, 405 21ST AVE S</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[E]Plastic or nonmetallic drum</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>REGIS CENTER FOR ART, 405 21ST AVE S</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> <tr> <td>[M]Glass bottles or jugs</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>REGIS CENTER FOR ART, 405 21ST AVE S</td> <td></td> <td>44.975697/-93.234093</td> <td></td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	AMUNDSON HALL, 421 WASHINGTON AVE SE		44.975697/-93.234093		[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	AMUNDSON HALL, 421 WASHINGTON AVE SE		44.975697/-93.234093		[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	REGIS CENTER FOR ART, 405 21ST AVE S		44.975697/-93.234093		[E]Plastic or nonmetallic drum	[1]Ambient pressure	[4]Ambient temperature	REGIS CENTER FOR ART, 405 21ST AVE S		44.975697/-93.234093		[M]Glass bottles or jugs	[1]Ambient pressure	[4]Ambient temperature	REGIS CENTER FOR ART, 405 21ST AVE S		44.975697/-93.234093	
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## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - MINNEAPOLIS CAMPUS    ERC ID: 271350074

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

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