

# John Deere Cool-Gard<sup>™</sup> II Premix

### Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012) Date of issue: 07/30/2014 Version: 1.0

e of issue. 07/30/2014	version.

SECTION 1: Identification of the	
1.1. Product identifier	
Product form	: Mixture
Trade name	: John Deere Cool-Gard™ II Premix
Product code	: TY26575, TY26576, TY26577, TY26578
1.2. Relevant identified uses of the	substance or mixture and uses advised against
Jse of the substance/mixture	: Engine Coolant and Anti-freeze
1.3. Details of the supplier of the sa	afety data sheet
MANUFACTURER:	
Northland Products	
1000 Rainbow Drive	
Waterloo, IA 50704	
Tel: +1-319-234-5585	
+1-800-772-1724	
SUPPLIER:	
Deere & Company	
One John Deere Place	
Moline, IL 61265	
1.4. Emergency telephone number	
Emergency number	: Chemtrec 1-800-424-9300
	Chemtrec (Outside USA) +1 703-527-3887 (24 hours) Supplier: +1-309-748-5636 (24 hours)
SECTION 2: Hazards identification	on
2.1. Classification of the substance	e or mixture
GHS-US classification	
A outo Toy, 4 (Orol) 11202	
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Skin Irrit. 2 H315	
Skin Irrit. 2 H315 Eye Irrit. 2A H319	
Skin Irrit. 2 H315 Eye Irrit. 2A H319	
Skin Irrit. 2 H315 Eye Irrit. 2A H319 STOT RE 2 H373	
Skin Irrit. 2 H315 Eye Irrit. 2A H319 STOT RE 2 H373 2.2. Label elements	
Eye Irrit. 2A H319 STOT RE 2 H373 2.2. Label elements GHS-US labelling	
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Skin Irrit. 2 H315 Eye Irrit. 2A H319 STOT RE 2 H373 2.2. Label elements GHS-US labelling Hazard pictograms (GHS-US) Signal word (GHS-US)	: Warning
Skin Irrit. 2 H315 Eye Irrit. 2A H319 STOT RE 2 H373 2.2. Label elements GHS-US labelling	:Warning :H302 - Harmful if swallowed
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#### 2.3. Other hazards

### other hazards which do not result in classification : Spills of this product present a serious slipping hazard.

### 2.4. Unknown acute toxicity (GHS-US)

No data available

#### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

#### Not applicable

Full text of H-phrases: see section 16

3.2. Mixture			
Name	Product identifier	%	GHS-US classification
Ethylene glycol	(CAS No) 107-21-1	45 - 50	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
Sodium tetraborate decahydrate	(CAS No) 1303-96-4	0.5 - 1.5	Repr. 1B, H360
Sodium hydroxide	(CAS No) 1310-73-2	0.5 - 1.5	Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318

SECTION 4: First aid measures	
4.1. Description of first aid measur	es
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Assure fresh air breathing. If breathing is difficult, give oxygen. In all cases of doubt, or when symptoms persist, seek medical advice.
First-aid measures after skin contact	: Rinse and then wash skin thoroughly with water and soap. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist. Remove contact lenses, it present and easy to do. Continue rinsing. If redness, burning, blurred vision or swelling occur, transport to nearest medical facility for additional treatment. Get medical advice/attention.
First-aid measures after ingestion	: If swallowed, rinse mouth with water (only if the person is conscious). Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Obtain emergency medical attention.
4.2. Most important symptoms and	effects, both acute and delayed
Symptoms/injuries	: Causes damage to organs (kidneys) (Oral).
Symptoms/injuries after inhalation	: Long-term (repeated). Inhalation of mist or aerosol may cause irritation to nose and throat.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes serious eye irritation. Swelling and inflammation.
Symptoms/injuries after ingestion	: May be harmful if swallowed. Ingestion may cause nausea and vomiting. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. In the case of extreme exposure there is a risk of severe metabolic acidosis and haemorrhagy. Death in extreme cases. Symptoms may be delayed.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Symptoms may be delayed.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water fog. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a water jet since it may cause the fire to spread.
5.2. Special hazards arising from the sul	ostance or mixture
Fire hazard	: When heated above the flash point, releases vapours. Gas/vapours, flammable.
Explosion hazard	: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
5.3. Advice for firefighters	
Precautionary measures fire	: Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control. Gases/vapours, toxic.
Firefighting instructions	: Exercise caution when fighting any chemical fire. Do not use direct water stream; may spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Cool closed containers exposed to fire with water spray Prevent fire-fighting water from entering environment.

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6.2.	Environmental precautions	
Emerge	ency procedures	: Ensure adequate ventilation, especially in confined areas.
Protect	ive equipment	: Equip cleanup crew with proper protection.
6.1.2.	For emergency responders	
Emerge	ency procedures	: Evacuate unnecessary personnel.
6.1.1.	For non-emergency personnel	
Genera	l measures	: Spilled material may present a slipping hazard. Stop leak if safe to do so. Eliminate all ignitic sources if safe to do so.
6.1.	Personal precautions, protective	quipment and emergency procedures
SECT	ION 6: Accidental release m	sures
Other in	nformation	: Special danger of slipping by leaking/spilling product. Most vapors are heavier than air. They spread along ground and collect in low or confined areas (sewers, basements, tanks).
Protect	ive equipment for firefighters	: Wear approved self-contained breathing apparatus (set on positive pressure mode). Do not fire area without proper protective equipment, including respiratory protection.

Prevent contamination of soil, drains and surface waters. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3.	Methods and material fo	r containment and cleaning up
0.5.	methous and material to	i containinent and cleaning up

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Special danger of slipping by leaking/spilling product.
Precautions for safe handling	: Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray. Provide good ventilation in process area to prevent formation of vapour. Personal protective equipment should be selected based upon the conditions under which this product is handled or used. Empty container retains product residue. Use and store away from all naked flames, heat sources or working electrical appliances. Do not smoke.
Hygiene measures	: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Discard contaminated leather articles. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, inclu	iding any incompatibilities
Technical measures	: Provide adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.
Storage conditions	: Keep out of reach of children. Keep container tightly closed. Keep only in the original container in a cool, well-ventilated place away from highly flammable substances. Keep away from oper flames, hot surfaces and sources of ignition. Keep out of direct sunlight. Protect from moisture. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Incompatible materials	: Refer to Section 10 on Incompatible Materials.
Heat and ignition sources	: Remove all sources of ignition.
Storage area	: Store in dry, cool, well-ventilated area. Keep away from heat and direct sunlight.
7.3. Specific end use(s)	
No additional information available	

SECTION 8: Exposure controls/personal protection			
8.1. Control parameters			
Ethylene glycol (107-21-1)			
USA ACGIH	ACGIH Ceiling (mg/m³)	100 mg/m <sup>3</sup>	

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Sodium tetraborate decahydrate (1303-96-4)		
USA ACGIH	ACGIH TWA (mg/m³)	2 mg/m³
USA ACGIH	ACGIH STEL (mg/m <sup>3</sup> )	6 mg/m³

Sodium hydroxide (1310-73-2)			
USA ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	2 mg/m³	
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	2 mg/m³	
8.2. Exposure control	8		

o.z. Exposure controis	
Appropriate engineering contr	<ul> <li>A washing facility/water for eye and skin cleaning purposes should be present. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. Ensure adequate ventilation.</li> </ul>
Personal protective equipmen	<ul> <li>Avoid all unnecessary exposure. Personal protective equipment should be selected based upon the conditions under which this product is handled or used. For certain operations, additional Personal Protection Equipment (PPE) may be required. Gloves. Protective clothing. Protective goggles.</li> </ul>
	M R Co
Hand protection	: Wear protective gloves. Nitrile-rubber protective gloves. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Eye protection	: Chemical goggles or safety glasses. with side-shields. Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.
Skin and body protection	: Chemical resistant suit. Wear rubber boots. Wear suitable protective clothing.
Respiratory protection	: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Use a properly fitted, air-purifying or air-fed respirator if neceassary.

Other information

: Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

9.1. Information on basic physical and o	chemical properties
Physical state	: Liquid
Appearance	: Clear viscous liquid.
Colour	: Gold.
odour	: Odourless.
Odour threshold	: 25 ppm
рН	: 7.8 - 8.5
Relative evaporation rate (butyl acetate=1)	: 0.01
Melting point	: -13 °C (9 °F)
Freezing point	: No data available
Boiling point	: 129 °C (264 °F)
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: < 0.008 kPa
Relative vapour density at 20 °C	: 2.1
Relative density	: 1.07 - 1.08 g/cm <sup>3</sup>
Solubility	: Water: completely soluble
Log Pow	: -1.07
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 21 mPa.s
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

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9.2. Other information	
VOC content	: 49.5
SECTION 10: Stability and reactivity	
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Stable at normal conditions.	
10.3. Possibility of hazardous reactions	
Not established.	
10.4. Conditions to avoid	
No additional information available	
10.5. Incompatible materials	
Oxidizing agents. Strong acids. strong bases. C an combustible mixture.	ontact with Aluminium, Zinc and Tin can cause formation of hydrogen that together with air can be
10.6. Hazardous decomposition products	ŝ
unburned hydrocarbons. Fume. Carbon monoxi	de. Carbon dioxide.
SECTION 11: Toxicological information	lion
11.1. Information on toxicological effects	
Acute toxicity	: Harmful if swallowed.
John Deere Cool-Gard™ II Premix	
ATE CLP (oral)	500.000 mg/kg bodyweight
Ethylene glycol (107-21-1)	
LD50 oral rat	4000 mg/kg
LD50 dermal rabbit	9530 µl/kg
ATE CLP (oral)	500.000 mg/kg
Sodium tetraborate decahydrate (1303-96-4	
LD50 oral rat	2660 mg/kg
Sodium hydroxide (1310-73-2)	
LD50 dermal rabbit	1350 mg/kg
ATE CLP (dermal)	1350.000 mg/kg bodyweight
Skin corrosion/irritation	: Causes skin irritation.
	рН: 7.8 - 8.5
Serious eye damage/irritation	: Causes serious eye irritation.
<b>-</b>	pH: 7.8 - 8.5
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Conclusive but not sufficient for classification)
Specific target organ toxicity (single exposure)	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (repeated exposure)	: May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: Long-term (repeated). Inhalation of mist or aerosol may cause irritation to nose and throat.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes serious eye irritation. Swelling and inflammation.
Symptoms/injuries after ingestion	: May be harmful if swallowed. Ingestion may cause nausea and vomiting. Depression of t central nervous system, headaches, dizziness, drowsiness, loss of coordination. In the case extreme exposure there is a risk of severe metabolic acidosis and haemorrhagy. Death extreme cases. Symptoms may be delayed.

### **SECTION 12: Ecological information**

extreme cases. Symptoms may be delayed.

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Ethylene glycol (107-21-1)	
LC50 fishes 1	41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	46300 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
Sodium hydroxide (1310-73-2)	
LC50 fishes 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
12.2. Persistence and degradability	
John Deere Cool-Gard™ II Premix	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
John Deere Cool-Gard™ II Premix	
Log Pow	-1.07
Bioaccumulative potential	Not established.
Ethylene glycol (107-21-1)	
Log Pow	-1.93
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Other information	: Avoid release to the environment.
SECTION 13: Disposal consideration	
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose of contents/container to comply with applicable local, national and international
	regulations. Liquid product may not be disposed of with household waste or landfilled. Do no allow to enter into drains/waters or in the soil. Do not re-use empty containers. Since emptie containers retain product residue, follow label warnings even after container is emptied. Dispos in a safe manner in accordance with local/national regulations. Dispose of at an licensed site.
Additional information	: Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to flames, sparks, heat, or other potential ignition sources. Empty container retains product residue.
Ecology - waste materials	: Prevent contamination of soil, drains and surface waters. Avoid release to the environment.
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / AD	N
14.1. UN number	
Not applicable	
14.2. UN proper shipping name	
Not applicable	
14.3. Additional information	
Other information	: RQ value – Refer to section 15.
Overland transport	
No additional information available	
Transport by sea	
No additional information available	
Air transport	
No additional information available	
<b>SECTION 15: Regulatory information</b>	
15.1. US Federal regulations	
John Deere Cool-Gard™ II Premix	
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	10526 lb
Ethylene glycol (107-21-1)	
Listed on the United States TSCA (Toxic Substa Listed on United States SARA Section 313	nces Control Act) inventory

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Ethylene glycol (107-21-1)		
EPA TSCA Regulatory Flag	Y2 - Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.	
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	5000 lb	
SARA Section 313 - Emission Reporting	1.0 %	
Sodium tetraborate decahydrate (1303-96-4)		
Listed on the United States TSCA (Toxic Substan	nces Control Act) inventory	
Sodium hydroxide (1310-73-2)		
Listed on the United States TSCA (Toxic Substan	nces Control Act) inventory	
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	1000 lb	
15.2. International regulations		
CANADA		
John Deere Cool-Gard™ II Premix		
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects	
Ethylene glycol (107-21-1)		
Listed on the Canadian DSL (Domestic Sustance	es List)	
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects	
Sodium tetraborate decahydrate (1303-96-4)		
Listed on the Canadian DSL (Domestic Sustances List)		
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects	
Sodium hydroxide (1310-73-2)		
Listed on the Canadian DSL (Domestic Sustances List)		

Listed on the Canadian DSL (Domestic Sustances List)	
WHMIS Classification	Class E - Corrosive Material

#### **EU-Regulations**

#### Ethylene glycol (107-21-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### Sodium hydroxide (1310-73-2) Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

### No additional information available

Classification according to Directive 67/548/EEC or 1999/45/EC

### No additional information available

15.2.2. National regulations

### Ethylene glycol (107-21-1)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Canadian IDL (Ingredient Disclosure List)

# John Deere Cool-Gard<sup>™</sup> II Premix

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Sodium tetraborate decahydrate (1303-96-4)	
Listed on the AICS (Australian Inventory of Chemical Substances)	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)	
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory	
Listed on the Korean ECL (Existing Chemicals List)	
Listed on NZIoC (New Zealand Inventory of Chemicals)	
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)	
Japanese Pollutant Release and Transfer Register Law (PRTR Law)	
Listed on the Canadian IDL (Ingredient Disclosure List)	

### Sodium hydroxide (1310-73-2)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Japanese Poisonous and Deleterious Substances Control Law

Listed on the Canadian IDL (Ingredient Disclosure List)

### 15.3. US State regulations

### Ethylene glycol (107-21-1)

U.S California - SCAQMD - Toxic Air Contaminants - Non-Cancer Chronic
U.S California - Toxic Air Contaminant List (AB 1807, AB 2728)
U.S Connecticut - Hazardous Air Pollutants - HLVs (30 min)
U.S Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S Illinois - Toxic Air Contaminants
U.S Louisiana - Reportable Quantity List for Pollutants
U.S Maine - Air Pollutants - Hazardous Air Pollutants
U.S Massachusetts - Allowable Ambient Limits (AALs)
U.S Massachusetts - Allowable Threshold Concentrations (ATCs)
U.S Massachusetts - Drinking Water Guidelines
U.S Massachusetts - Right To Know List
U.S Massachusetts - Threshold Effects Exposure Limits (TELs)
U.S Massachusetts - Toxics Use Reduction Act
U.S Massachusetts - Toxics Use Reduction Act U.S Michigan - Occupational Exposure Limits - Ceilings
U.S Michigan - Polluting Materials List
U.S Minnesota - Groundwater Health Risk Limits
U.S Minnesota - Gloundwater Health Risk Einnis
U.S Minnesota - Permissible Exposure Limits - Ceilings
U.S New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-hour
U.S New Hampshire - Regulated Toxic All Polititanis - Ambient All Levels (AALS) - Annual U.S New Jersey - Discharge Prevention - List of Hazardous Substances
U.S New Jersey - Environmental Hazardous Substances List
U.S New Jersey - Right to Know Hazardous Substance List
U.S New Jersey - Water Quality - Ground Water Quality Criteria
U.S New Jersey - Water Quality - Practical Quantitation Levels (PQLs)
U.S New York - Reporting of Releases Part 597 - List of Hazardous Substances
U.S North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour
U.S Oregon - Permissible Exposure Limits - TWAs
U.S California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups
U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S Pennsylvania - RTK (Right to Know) List
U.S Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour
U.S Rhode Island - Air Toxics - Acceptable Ambient Levels - Annual
U.S South Carolina - Toxic Air Pollutants - Maximum Allowable Concentrations
U.S South Carolina - Toxic Air Pollutants - Pollutant Categories
U.S Tennessee - Occupational Exposure Limits - Ceilings
U.S Texas - Effects Screening Levels - Long Term
U.S Texas - Effects Screening Levels - Short Term
U.S Vermont - Permissible Exposure Limits - Ceilings
U.S Washington - Permissible Exposure Limits - Ceilings
U.S Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet
U.S Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet
U.S Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater
U.S Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

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Sodium tetraborate decahydrate (1303-96-4)	
J.S Connecticut - Hazardous Air Pollutants - HLVs (30 min)	
J.S Connecticut - Hazardous Air Pollutants - HLVs (8 hr)	
J.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations	
J.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)	
J.S Illinois - Toxic Air Contaminants	
J.S Massachusetts - Right To Know List	
J.S Michigan - Occupational Exposure Limits - TWAs	
J.S Minnesota - Hazardous Substance List	
J.S Minnesota - Permissible Exposure Limits - TWAs	
J.S New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour	
J.S New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual	
J.S New Jersey - Right to Know Hazardous Substance List	
J.S Pennsylvania - RTK (Right to Know) List	
J.S Tennessee - Occupational Exposure Limits - TWAs	
J.S Texas - Effects Screening Levels - Long Term	
J.S Texas - Effects Screening Levels - Short Term	
J.S Vermont - Permissible Exposure Limits - TWAs	
J.S Washington - Permissible Exposure Limits - STELs	
J.S Washington - Permissible Exposure Limits - TWAs	
J.S Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet	
J.S Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet	
J.S Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater	
J.S Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet	

	U.S California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute
	U.S California - Toxic Air Contaminant List (AB 1807, AB 2728)
	U.S Connecticut - Hazardous Air Pollutants - HLVs (30 min)
	U.S Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
	U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities
	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
	U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
	U.S Idaho - Occupational Exposure Limits - TWAs
	U.S Louisiana - Reportable Quantity List for Pollutants
	U.S Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1
	U.S Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2
	U.S Massachusetts - Oil & Hazardous Material List - Reportable Quantity
	U.S Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1
	U.S Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2
	U.S Massachusetts - Right To Know List
	U.S Massachusetts - Toxics Use Reduction Act
	U.S Michigan - Occupational Exposure Limits - Ceilings
	U.S Michigan - Polluting Materials List
	U.S Minnesota - Chemicals of High Concern
	U.S Minnesota - Hazardous Substance List
	U.S Minnesota - Permissible Exposure Limits - Ceilings
	U.S New Jersey - Discharge Prevention - List of Hazardous Substances
	U.S New Jersey - Right to Know Hazardous Substance List
	U.S New Jersey - Special Health Hazards Substances List
	U.S New York - Occupational Exposure Limits - TWAs
	U.S New York - Reporting of Releases Part 597 - List of Hazardous Substances
	U.S North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour
	U.S Oregon - Permissible Exposure Limits - TWAs
	U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List
	U.S Pennsylvania - RTK (Right to Know) List
	U.S Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour
	U.S Rhode Island - Air Toxics - Acceptable Ambient Levels - Annual
	U.S South Carolina - Toxic Air Pollutants - Maximum Allowable Concentrations
	U.S South Carolina - Toxic Air Pollutants - Pollutant Categories
	U.S Tennessee - Occupational Exposure Limits - Ceilings
	U.S Texas - Effects Screening Levels - Long Term U.S Texas - Effects Screening Levels - Short Term
	U.S Vermont - Permissible Exposure Limits - Ceilings
	U.S Washington - Permissible Exposure Limits - Ceilings
	U.S Washington - Permissible Exposure Ennits - Cennigs U.S Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet
	U.S Wisconsin - Hazardous Air Contaminants - Air Sources - Emissions From Stack Heights 20 Feet to Less Than 40 Feet U.S Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet
	U.S Wisconsin - Hazardous Air Contaminants - Air Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet U.S Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater
	U.S Wisconsin - Hazardous Air Contaminants - Air Sources - Emissions From Stack Heights 75 Feet of Greater
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### **SECTION 16: Other information**

Other information

: None.

### Full text of H-phrases: see section 16:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Repr. 1B	Reproductive toxicity Category 1B
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H360	May damage fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated
	exposure

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