Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015). Date of Issue: 04/07/2021 Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture Product Name: TIREPASTE Mounting Compound Product Code: 14-700E; 14-701E; 14-702E

1.2. Intended Use of the Product

Lubricant / Sealer

1.3. Name, Address, and Telephone of the Responsible Party

Company

31 Incorporated 100 Enterprise Dr. Newcomerstown, OH 43832 Phone: (740) 498-8324 info@31inc.com

1.4. Emergency Telephone Number

Emergency Number : ChemTel LLC

(800)255-3924 (North America)

+1 (813)248-0585 (International)

SECTION 2: HAZARDS IDENTIFICATION

SECTION 2. HAZARDS IDENTIFICATI	
2.1. Classification of the Substanc	e or Mixture
GHS-US/CA Classification	
Skin Corr. 1C H314	
Eye Dam. 1 H318	
Full text of hazard classes and H-statement	nts : see section 16
2.2. Label Elements	
GHS-US/CA Labeling	
Hazard Pictograms (GHS-US/CA)	CH505
Signal Word (GHS-US/CA)	: Danger
Hazard Statements (GHS-US/CA)	: H314 - Causes severe skin burns and eye damage.
	H318 - Causes serious eye damage.
Precautionary Statements (GHS-US/CA)	: P260 - Do not breathe dust, fume, vapors.
	P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
	P280 - Wear protective gloves, protective clothing, and eye protection.
	P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
	P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310 - Immediately call a POISON CENTER or doctor.
	P321 - Specific treatment (see section 4 on this SDS).
	P363 - Wash contaminated clothing before reuse.
	P405 - Store locked up.
	P501 - Dispose of contents/container in accordance with local, regional, national,
	territorial, provincial, and international regulations.

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2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Water	AQUA	(CAS-No.) 7732-18-5	76.5642	Not classified
9,12-Octadecadienoic acid (Z,Z)-, sodium salt	Linoleic acid, sodium salt / 9,12-Octadecadienoic acid (92,122)-, sodium salt / 9,12- Octadecadienoic acid, (2,2)-, sodium salt / Sodium linoleate / 9,12-Octadecadienoic acid (92,122)-, sodium salt (1:1) / Sodium (92,122)- octadeca-9,12-dienoate	(CAS-No.) 822-17-3	6.3636	Skin Irrit. 2, H315
Sodium stearate	Octadecanoic acid, sodium salt / Stearate, sodium / Stearic acid, sodium salt / Octadecanoic acid, sodium salt (1:1) / Sodium octadecanoate / Salt of stearic acid with sodium base	(CAS-No.) 822-16-2	5.5504	Comb. Dust
Polyethylene glycol	.alphaHydroomegahydroxypoly(oxyethylene) / .alphaHydroomegahydroxypoly(oxy-1,2- ethanediyl) / 1,2-Ethanediol, homopolymer / Ethyleneglycol homopolymer / Ethoxylated 1,2- ethanediol / Ethylene oxide polymer / Macrogol / Macrogols / PEG / PEG-1M / PEG-2M / PEG-5M / PEG-7M / PEG-9 / PEG-9M / PEG-10 / PEG-14 / PEG-14M / PEG-16 / PEG-18 / PEG-20 / PEG- 20M / PEG-23M / PEG-25M / PEG-32 / PEG-33 / PEG-40 / PEG-45 / PEG-45M / PEG-55 / PEG-60 / PEG-65M / PEG-15 / PEG-80 / PEG-90 / PEG-90M / PEG-100 / PEG-115M / PEG-135 / PEG-150 / PEG-160M / PEG-180 / PEG-180M / PEG-200 / PEG-220 / PEG-240 / PEG-350 / PEG-400 / PEG- 450 / PEG-500 / PEG-800 / POlyethylene glycol 35 / Polyethylene glycol 115 / Polyethylene glycol 400 / Polyethylene glycol 1600 / Polyethylene glycol 6000 / Polyethylene glycol 8000 / Polyethylene glycol seters / Polyethylene glycol ether / Polyethylene glycols / Polyethylene oxide / Poly(oxy-1,2-ethanediyl), .alphahydro- .omegahydroxy-	(CAS-No.) 25322-68-3	5.1515	STOT SE 3, H335
Sodium hydroxide	Caustic soda / Sodium hydroxide (Na(OH)) / Lye	(CAS-No.) 1310-73-2	4.2491	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
9-Octadecenoic acid (9Z)-, compound with 2,2',2''- nitrilotris[ethanol] (1:1)	Ethanol, 2,2',2''-nitrilotri-, mixed with oleic acid (1:1) / Ethanol, 2,2',2''-nitrilotri-, oleate (salt) / 9- Octadecenoic acid (Z)-, compound with 2,2',2''- nitrilotris[ethanol] (1:1) / 9-Octadecenoic acid, (Z)-, compound with 2,2',2''-nitrilotris[ethanol] (1:1) / Oleic acid, compound with 2,2',2''- nitrilotriethanol (1:1) / Triethanolamine oleate / Salt of 2,2',2''-nitrilotriethanol and (Z)-octadec-9- enoic acid (1:1) / Oleic acid, triethanolamine salt / Oleic acid, triethanolamine soap / TEA-oleate	(CAS-No.) 2717-15-9	2.1212	Not classified

Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

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SECTION 4: FIRST AID MEASURES

4.1. Description of 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).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

Skin Contact: Immediately remove contaminated clothing. Immediately flush skin with plenty of water for at least 30 minutes. Get immediate medical advice/attention.

Eye Contact: Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Causes severe skin burns and eye damage.

Inhalation: May be corrosive to the respiratory tract.

Skin Contact: Causes severe irritation which will progress to chemical burns.

Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Ingestion: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: Prolonged skin contact may result in severe irritation leading to chemical burns.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive. Contains substances that are combustible dusts. If dried and allowed to accumulate, may form combustible dust concentrations in air that could ignite and cause an explosion. Take appropriate precautions.

Reactivity: Hazardous reactions are not expected to occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. **Hazardous Combustion Products**: Carbon oxides (CO, CO₂).

5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe dust or fumes. Do not get in eyes, on skin, or on clothing.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

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Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Do not breathe dust, fume, vapors. Do not get in eyes, on skin, or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle empty containers with care because they may still present a hazard.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in original container or corrosive resistant and/or lined container. Store locked up/in a secure area.

Incompatible Materials: Aluminum. Strong acids.

7.3. Specific End Use(s)

Lubricant / Sealer

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Sodium stearate (822-16-2)		
USA ACGIH	ACGIH OEL TWA	10 mg/m ³ (inhalable particulate matter (Stearates)
		3 mg/m ³ (respirable particulate matter (Stearates)
British Columbia	OEL TWA	10 mg/m ³ (Stearates)
Manitoba	OEL TWA	10 mg/m ³ (inhalable particulate matter (Stearates)
		3 mg/m ³ (respirable particulate matter (Stearates)
Newfoundland & Labrador	OEL TWA	10 mg/m ³ (inhalable particulate matter (Stearates)
		3 mg/m ³ (respirable particulate matter (Stearates)
Nova Scotia	OEL TWA	10 mg/m ³ (inhalable particulate matter (Stearates)
		3 mg/m ³ (respirable particulate matter (Stearates)
Ontario	OEL TWA	10 mg/m ³ (except stearates of toxic metals-inhalable particulate matter)
		3 mg/m ³ (except stearates of toxic metals-respirable particulate matter)
Prince Edward Island	OEL TWA	10 mg/m ³ (inhalable particulate matter (Stearates)
		3 mg/m ³ (respirable particulate matter (Stearates)
Québec	VEMP (OEL TWA)	10 mg/m ³ (Stearates)
Polyethylene glycol (25322-	68-3)	
USA AIHA	WEEL TWA	10 mg/m ³ (molecular weight>200-aerosol)
Sodium hydroxide (1310-73-	-2)	
USA ACGIH	ACGIH OEL Ceiling	2 mg/m ³
USA OSHA	OSHA PEL (TWA) [1]	2 mg/m ³
USA NIOSH	NIOSH REL (Ceiling)	2 mg/m ³
USA IDLH	IDLH	10 mg/m ³
Alberta	OEL C	2 mg/m ³
British Columbia	OEL C	2 mg/m ³
Manitoba	OEL C	2 mg/m ³
New Brunswick	OEL C	2 mg/m ³
Newfoundland & Labrador	OEL C	2 mg/m ³
Nova Scotia	OEL C	2 mg/m ³
Nunavut	OEL C	2 mg/m ³

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Northwest Territories	OEL C	2 mg/m ³
Ontario	OEL C	2 mg/m ³
Prince Edward Island	OEL C	2 mg/m ³
Québec	Plafond (OEL	2 mg/m ³
	Ceiling)	
Saskatchewan	OEL C	2 mg/m ³
Yukon	OEL C	2 mg/m ³

8.2. Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL F	PROPERTIES	
9.1. Information on Basic Physical and	d Chemical Properties	
Physical State	: Liquid	
Appearance	: Pasty white	
Odor	: Not available	
Odor Threshold	: Not available	
рН	: Alkaline	
Evaporation Rate	: Not available	
Melting Point	: Not available	
Freezing Point	: Not available	
Boiling Point	: Not available	
Flash Point	: Not available	
Auto-ignition Temperature	: Not available	
Decomposition Temperature	: Not available	
Flammability (solid, gas)	: Not applicable	
Lower Flammable Limit	: Not available	
Upper Flammable Limit	: Not available	
Vapor Pressure	: Not available	
Relative Vapor Density at 20°C	: Not available	
Relative Density	: Not available	
Specific Gravity	: Not available	
Solubility	: Not available	
Partition Coefficient: N-Octanol/Water	: Not available	
Viscosity	: Not available	

10.1. Reactivity: Hazardous reactions are not expected to occur under normal conditions.

10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

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10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

- 10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. Incompatible Materials: Aluminum. Strong acids.

10.6. Hazardous Decomposition Products: Thermal decomposition may produce: Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes severe skin burns.

pH: Alkaline

Eye Damage/Irritation: Causes serious eye damage.

pH: Alkaline

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May be corrosive to the respiratory tract.

Symptoms/Injuries After Skin Contact: Causes severe irritation which will progress to chemical burns.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: Prolonged skin contact may result in severe irritation leading to chemical burns.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Polyethylene glycol (25322-68-3)

LD50 Oral Rat	22 g/kg
LD50 Dermal Rabbit	> 20 g/kg
Sodium hydroxide (1310-73-2)	
LD50 Oral Rat	325 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

Sodium stearate (822-16-2)	
NOEC Chronic Crustacea	0.48 mg/l
Sodium hydroxide (1310-73-2)	
LC50 Fish 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	40 mg/l
12.2. Persistence and Degradabili	ty
TIREPASTE Mounting Compound	
Persistence and Degradability	Not established.
12.3. Bioaccumulative Potential	
TIREPASTE Mounting Compound	
Bioaccumulative Potential	Not established.
12.4. Mobility in Soil Not av	vailable

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOTProper Shipping Name: SODIUM HYDROXIDE SOLUTIONHazard Class: 8Identification Number: UN1824Label Codes: 8Packing Group: IIIERG Number: 154

	1 10 1
14.2. In Accordance with	IMDG
Proper Shipping Name	: SODIUM HYDROXIDE SOLUTION
Hazard Class	: 8
Identification Number	: UN1824
Label Codes	: 8
Packing Group	: 111
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-B
14.3. In Accordance with	ΙΑΤΑ
Proper Shipping Name	: SODIUM HYDROXIDE SOLUTION
Hazard Class	: 8
Identification Number	: UN1824
Label Codes	: 8
Packing Group	: 111
ERG Code (IATA)	: 8L
14.4. In Accordance with	TDG
Proper Shipping Name	: SODIUM HYDROXIDE SOLUTION
Hazard Class	: 8
Identification Number	: UN1824
Label Codes	: 8
Packing Group	: 111

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

TIREPASTE Mounting Compound	
SARA Section 311/312 Hazard Classes	Health hazard - Serious eye damage or eye irritation Health hazard - Skin corrosion or Irritation
Water (7732-18-5)	
Listed on the United States TSCA (Toxic Substances C	ontrol Act) inventory
9,12-Octadecadienoic acid (Z,Z)-, sodium salt (822-1	7-3)
Listed on the United States TSCA (Toxic Substances C	ontrol Act) inventory

Sodium stearate (822-16-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Polyethylene glycol (25322-68-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the
	Chemical Data Reporting Rule, (40 CFR 711).



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Sodium hydroxide (1310-73-2)	
	Toxic Substances Control Act) inventory
CERCLA RQ	1000 lb
•	ound with 2,2',2"-nitrilotris[ethanol] (1:1) (2717-15-9)
	Toxic Substances Control Act) inventory
15.2. US State Regulations	
Sodium hydroxide (1310-73-2)	
U.S New Jersey - Right to Know	Hazardous Substance List
U.S Pennsylvania - RTK (Right to	
U.S Massachusetts - Right To Kn	
U.S Pennsylvania - RTK (Right to	Know) - Environmental Hazard List
15.3. Canadian Regulations	i i i i i i i i i i i i i i i i i i i
Water (7732-18-5)	
Listed on the Canadian DSL (Dome	estic Substances List)
9,12-Octadecadienoic acid (Z,Z)-,	sodium salt (822-17-3)
Listed on the Canadian DSL (Dome	
Sodium stearate (822-16-2)	
Listed on the Canadian DSL (Dome	estic Substances List)
Polyethylene glycol (25322-68-3)	·
Listed on the Canadian DSL (Dome	estic Substances List)
Sodium hydroxide (1310-73-2)	
Listed on the Canadian DSL (Dome	estic Substances List)
	ound with 2,2',2''-nitrilotris[ethanol] (1:1) (2717-15-9)
Listed on the Canadian DSL (Dome	
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	ATION, INCLUDING DATE OF PREPARATION OR LAST REVISION
Date of Preparation or Latest Revision	: 04/07/2021
Other Information	: This document has been prepared in accordance with the SDS requirements of the OSHA
	Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products
	Regulations (HPR) SOR/2015-17.
GHS Full Text Phrases:	
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
. ,	
Aquatic Acute 3	Hazardous to the aduatic environment - Acute Hazard Category 3
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3 Hazardous to the aquatic environment - Chronic Hazard Category 3
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Aquatic Chronic 3 Comb. Dust	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust
Aquatic Chronic 3 Comb. Dust Eye Dam. 1	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1
Aquatic Chronic 3 Comb. Dust Eye Dam. 1 Met. Corr. 1	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1
Aquatic Chronic 3 Comb. Dust Eye Dam. 1 Met. Corr. 1 Skin Corr. 1A	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1 Skin corrosion/irritation Category 1A
Aquatic Chronic 3 Comb. Dust Eye Dam. 1 Met. Corr. 1 Skin Corr. 1A Skin Corr. 1C	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1 Skin corrosion/irritation Category 1A Skin corrosion/irritation Category 1C
Aquatic Chronic 3 Comb. Dust Eye Dam. 1 Met. Corr. 1 Skin Corr. 1A Skin Corr. 1C Skin Irrit. 2	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1 Skin corrosion/irritation Category 1A Skin corrosion/irritation Category 1C Skin corrosion/irritation Category 2
Aquatic Chronic 3 Comb. Dust Eye Dam. 1 Met. Corr. 1 Skin Corr. 1A Skin Corr. 1C Skin Irrit. 2 STOT SE 3	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1 Skin corrosion/irritation Category 1A Skin corrosion/irritation Category 1C Skin corrosion/irritation Category 2 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
Aquatic Chronic 3 Comb. Dust Eye Dam. 1 Met. Corr. 1 Skin Corr. 1A Skin Corr. 1C Skin Irrit. 2 STOT SE 3 H290	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1 Skin corrosion/irritation Category 1A Skin corrosion/irritation Category 1C Skin corrosion/irritation Category 2 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation May be corrosive to metals
Aquatic Chronic 3 Comb. Dust Eye Dam. 1 Met. Corr. 1 Skin Corr. 1A Skin Corr. 1C Skin Irrit. 2 STOT SE 3 H290 H302	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1 Skin corrosion/irritation Category 1A Skin corrosion/irritation Category 1C Skin corrosion/irritation Category 2 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation May be corrosive to metals Harmful if swallowed
Aquatic Chronic 3 Comb. Dust Eye Dam. 1 Met. Corr. 1 Skin Corr. 1A Skin Corr. 1C Skin Irrit. 2 STOT SE 3 H290 H302 H314	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1 Skin corrosion/irritation Category 1A Skin corrosion/irritation Category 1C Skin corrosion/irritation Category 2 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation May be corrosive to metals Harmful if swallowed Causes severe skin burns and eye damage
Aquatic Chronic 3 Comb. Dust Eye Dam. 1 Met. Corr. 1 Skin Corr. 1A Skin Corr. 1C Skin Irrit. 2 STOT SE 3 H290 H302 H314 H315	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1 Skin corrosion/irritation Category 1A Skin corrosion/irritation Category 1C Skin corrosion/irritation Category 2 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation May be corrosive to metals Harmful if swallowed Causes severe skin burns and eye damage Causes skin irritation
Aquatic Chronic 3 Comb. Dust Eye Dam. 1 Met. Corr. 1 Skin Corr. 1A Skin Corr. 1C Skin Irrit. 2 STOT SE 3 H290 H302 H314 H315 H318	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1 Skin corrosion/irritation Category 1A Skin corrosion/irritation Category 1C Skin corrosion/irritation Category 2 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation May be corrosive to metals Harmful if swallowed Causes severe skin burns and eye damage Causes serious eye damage
Aquatic Chronic 3 Comb. Dust Eye Dam. 1 Met. Corr. 1 Skin Corr. 1A Skin Corr. 1C Skin Irrit. 2 STOT SE 3 H290 H302 H314 H315	Hazardous to the aquatic environment - Chronic Hazard Category 3 Combustible Dust Serious eye damage/eye irritation Category 1 Corrosive to metals Category 1 Skin corrosion/irritation Category 1A Skin corrosion/irritation Category 1C Skin corrosion/irritation Category 2 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation May be corrosive to metals Harmful if swallowed Causes severe skin burns and eye damage Causes skin irritation

H402

H412

Harmful to aquatic life

Harmful to aquatic life with long lasting effects

Safety Data Sheet According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

NA GHS SDS 2015 (Can, US)