

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: 06/26/2019 Version: 1.0

### **SECTION 1: IDENTIFICATION**

## 1.1. Product Identifier

Product Form: Mixture

Product Name: SPARTACOTE™ Oil Tolerant Primer Part B

#### 1.2. Intended Use of the Product

Hardening/Curing agent.

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

Company Company

LATICRETE International LATICRETE Canada ULC

1 Laticrete Park, N PO Box 129, Emeryville, Ontario, Canada

Bethany, CT 06524 NOR-1A0 T (203)-393-0010 (833)-254-9255

www.laticrete.com

## 1.4. Emergency Telephone Number

Emergency Number : For Chemical Emergency Call ChemTel day or night

Within USA and Canada: 1.800.255.3924

Mexico: 1.800.099.0731

Outside USA and Canada: 1.813.248.0585 (collect calls accepted)

## **SECTION 2: HAZARDS IDENTIFICATION**

## 2.1. Classification of the Substance or Mixture

## **GHS-US/CA Classification**

Acute Tox. 4 (Oral) H302 Acute Tox. 4 (Dermal) H312 Skin Corr. 1B H314 Eye Dam. 1 H318 Skin Sens. 1 H317 STOT SE 3 H335 Aquatic Acute 1 H400 H410 Aquatic Chronic 1

Full text of hazard classes and H-statements : see section 16

## 2.2. Label Elements

**GHS-US/CA Labeling** 

Hazard Pictograms (GHS-US/CA)







Signal Word (GHS-US/CA) : Danger

Hazard Statements (GHS-US/CA) : H302+H312 - Harmful if swallowed or in contact with skin.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage. H335 - May cause respiratory irritation.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

**Precautionary Statements (GHS-US/CA)**: P260 - Do not breathe vapors, spray, mist.

 $\ensuremath{\mathsf{P264}}$  - Wash hands, forearms and face thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area.

P272 - Contaminated work clothing should not be allowed out of the workplace.

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P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

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.

P330 - Rinse mouth.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

#### 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	Product Identifier	% *	GHS Ingredient Classification
Tall oil fatty acids, reaction product	(CAS-No.) 68953-36-6	60 - 100	Skin Irrit. 2, H315
with Tetraethylene pentamine			Eye Irrit. 2A, H319
			Skin Sens. 1A, H317
			STOT SE 3, H335
Tetraethylenepentamine	(CAS-No.) 112-57-2	10 - 30	Acute Tox. 4 (Oral), H302
			Acute Tox. 3 (Dermal), H311
			Skin Corr. 1B, H314
			Eye Dam. 1, H318
			Skin Sens. 1, H317
			Aquatic Acute 1, H400
			Aquatic Chronic 1, H410
1,3-Propanediamine, N1,N1-	(CAS-No.) 109-55-7	<= 10	Flam. Liq. 3, H226
dimethyl-			Acute Tox. 4 (Oral), H302
			Acute Tox. 3 (Dermal), H311
			Acute Tox. 4 (Inhalation:dust,mist), H332
			Skin Corr. 1B, H314
			Eye Dam. 1, H318
			Skin Sens. 1, H317
			Aquatic Acute 3, H402
			Aquatic Chronic 3, H412

Full text of H-phrases: see section 16

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<sup>\*</sup>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%).

<sup>\*\*</sup> The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

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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. Immediately call a poison center or doctor/physician.

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

## 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**General:** May cause respiratory irritation. Skin sensitization. Harmful in contact with skin. Causes severe skin burns and eye damage.

Inhalation: Irritation of the respiratory tract and the other mucous membranes. May be corrosive to the respiratory tract.

**Skin Contact:** May cause an allergic skin reaction. This material is harmful through skin contact, and can cause adverse health effects or death in significant amounts. This material may be absorbed through the skin and eyes. 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: None known.

### 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, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

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.

**Reactivity:** May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

### 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: Nitrogen oxides. Carbon oxides (CO, CO<sub>2</sub>).

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

### 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 get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

#### 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.

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### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

### 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.

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. Cautiously neutralize spilled liquid.

## 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

Additional Hazards When Processed: May release corrosive vapors.

**Precautions for Safe Handling:** Do not breathe mist, spray, 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 locked up/in a secure area. Store in original container or corrosive resistant and/or lined container.

Incompatible Materials: Strong acids, strong bases, strong oxidizers. Copper. Nitrosating agents. Brass.

#### 7.3. Specific End Use(s)

Hardening/Curing agent.

## **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.

Tetraethylenepentamine (112-57-2)		
USA AIHA	WEEL TWA (mg/m³)	5 mg/m³
USA AIHA	AIHA chemical category	skin notation,Skin sensitizer
1,3-Propanediamine, N1,N1-dimethyl- (109-55-7)		
Ontario	OEL TWA (mg/m³)	2 mg/m³
Ontario	OEL TWA (ppm)	0.5 ppm

#### 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. Face shield. Insufficient ventilation: wear respiratory protection.











Materials for Protective Clothing: Chemically resistant materials and fabrics. Corrosion-proof clothing.

Hand Protection: Wear protective gloves.

**Eye and Face Protection:** Chemical safety goggles and face shield. **Skin and Body Protection:** Wear suitable protective clothing.

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**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 PROPERTIES**

## 9.1. Information on Basic Physical and Chemical Properties

**Physical State** Liquid **Appearance** Black Odor Amine-like **Odor Threshold** Not available Not available **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 Density 0.95 (water = 1) Specific Gravity Not available

**Solubility** : Water: Partly soluble

Partition Coefficient: N-Octanol/Water : Not available
Viscosity : Not available

## **SECTION 10: STABILITY AND REACTIVITY**

- **10.1. Reactivity:** May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.
- 10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
- **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: Strong acids, strong bases, strong oxidizers. Copper. Nitrosating agents. Brass.
- 10.6. Hazardous Decomposition Products: Thermal decomposition generates: Corrosive vapors.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

## 11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Harmful if swallowed.

Acute Toxicity (Dermal): Harmful in contact with skin.

Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data:

SPARTACOTE™ Oil Tolerant Primer Part B	
ATE US/CA (oral)	1,411.51 mg/kg body weight
ATE US/CA (dermal)	1,609.76 mg/kg body weight

Skin Corrosion/Irritation: Causes severe skin burns and eye damage.

**Eye Damage/Irritation:** Causes serious eye damage.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

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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): May cause respiratory irritation.

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Irritation of the respiratory tract and the other mucous membranes. May be corrosive to the

respiratory tract.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction. This material is harmful through skin contact, and can cause adverse health effects or death in significant amounts. This material may be absorbed through the skin and eyes. 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: None known.

## 11.2. Information on Toxicological Effects - Ingredient(s)

#### LD50 and LC50 Data:

Tetraethylenepentamine (112-57-2)		
LD50 Dermal Rabbit	660 - 1260 mg/kg	
ATE US/CA (oral)	500.00 mg/kg body weight	
1,3-Propanediamine, N1,N1-dimethyl- (109-55-7)		
LD50 Oral Rat	922 mg/kg	
LD50 Dermal Rabbit	600 μl/kg	
LC50 Inhalation Rat	> 4.31 mg/l/4h	
ATE US/CA (dermal)	600.00 mg/kg body weight	
ATE US/CA (dust, mist)	1.50 mg/l/4h	

## **SECTION 12: ECOLOGICAL INFORMATION**

#### 12.1. Toxicity

Ecology - General: Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Tetraethylenepentamine (112-57-2)		
LC50 Fish 1	420 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])	
EC50 Daphnia 1	24.1 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
ErC50 (algae)	0.12 mg/l	
1,3-Propanediamine, N1,N1-dimethyl- (109-55-7)		
EC50 Daphnia 1	59.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
ErC50 (algae)	56.2 mg/l	

#### 12.2. Persistence and Degradability

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SPARTACOTE™ Oil Tolerant Primer Part	В
Persistence and Degradability	May cause long-term adverse effects in the environment.

## 12.3. Bioaccumulative Potential

SPARTACOTE™ Oil Tolerant Primer Part B		
Bioaccumulative Potential	Not established.	
Tetraethylenepentamine (112-57-2)		
BCF Fish 1	(no bioaccumulation expected)	
Log Pow	<1	
1,3-Propanediamine, N1,N1-dimethyl- (109-55-7)		
Log Pow	-0.352 (at 25 °C)	

## **12.4. Mobility in Soil** Not available

#### 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.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

### **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 DOT

Proper Shipping Name : POLYAMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS; 3,6,9-triazaundecamethylenediamine; 3-

aminopropyldimethylamine)

Hazard Class: 8Identification Number: UN2735Label Codes: 8

Packing Group : II

Marine Pollutant : Marine pollutant

ERG Number : 153 14.2. In Accordance with IMDG

Proper Shipping Name : POLYAMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS; 3,6,9-triazaundecamethylenediamine; 3-

aminopropyldimethylamine)

Hazard Class : 8
Identification Number : UN2735

Label Codes: 8Packing Group: IIEmS-No. (Fire): F-AEmS-No. (Spillage): S-B

Marine pollutant : Marine pollutant

14.3. In Accordance with IATA

Proper Shipping Name : POLYAMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS; 3,6,9-triazaundecamethylenediamine; 3-

aminopropyldimethylamine)

Hazard Class : 8
Identification Number : UN2735

Label Codes : 8
Packing Group : ||
ERG Code (IATA) : 8L
14.4. In Accordance with TDG

Proper Shipping Name : POLYAMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS; 3,6,9-triazaundecamethylenediamine; 3-

aminopropyldimethylamine)

Hazard Class : 8
Identification Number : UN2735
Label Codes : 8

Packing Group : ||

Marine Pollutant (TDG) : Marine pollutant



## **SECTION 15: REGULATORY INFORMATION**

### 15.1. US Federal Regulations

SPARTACOTE™ Oil Tolerant Primer Part B	
SARA Section 311/312 Hazard Classes	Health hazard - Specific target organ toxicity (single or repeated
	exposure)
	Health hazard - Respiratory or skin sensitization

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	Health hazard - Acute toxicity (any route of exposure)	
	Health hazard - Serious eye damage or eye irritation	
	Health hazard - Skin corrosion or Irritation	
Tall oil fatty acids, reaction product with Tetraethylene pentamine (68953-36-6)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Tetraethylenepentamine (112-57-2)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
1,3-Propanediamine, N1,N1-dimethyl- (109-55-7)		

### 15.2. US State Regulations

## Tetraethylenepentamine (112-57-2)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List

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

U.S. - Pennsylvania - RTK (Right to Know) List

#### 1,3-Propanediamine, N1,N1-dimethyl- (109-55-7)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

## 15.3. Canadian Regulations

Tall oil fatty acids, reaction product with	Tetraethylene pentamine	(68953-36-6)
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Listed on the Canadian DSL (Domestic Substances List)

### **Tetraethylenepentamine (112-57-2)**

Listed on the Canadian DSL (Domestic Substances List)

## 1,3-Propanediamine, N1,N1-dimethyl- (109-55-7)

Listed on the Canadian DSL (Domestic Substances List)

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Preparation or Latest** 

: 06/26/2019

Revision

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

Hazaru Communication Standard 29 CFN 1910.1200 and Canada S Hazardous Froducts

Regulations (HPR) SOR/2015-17.

### **GHS Full Text Phrases:**

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4	Acute toxicity (inhalation:dust,mist) Category 4
(Inhalation:dust,mist)	
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, category 1A

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STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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)

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