

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: 03/01/2023 Version: 2.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: MP GEAR LUBE **Chemical Name:** Lubricating oil

Generic Name: GL-5 Gear Oil SAE 80W-90, 85W-140 Product Code: MP Gear Lube SAE 80W-90, 85W-140

SDS No.: 0127-049218

1.2. Intended Use of the Product

Lubricant.

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

CHS Inc.

P.O. Box 64089 Mail station 525

St. Paul, MN 55164-0089

Technical information: 1-651-355-8443

.4. Emergency Telephone Number

Emergency Number : CHEMTREC: 1-800-424-9300 (CCN23163)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Acute Tox. 4 H332

(Inhalation:dust,mist)

Skin Irrit. 2 H315
Eye Irrit. 2A H319
Skin Sens. 1 H317
Aquatic Acute 3 H402
Aquatic Chronic 3 H412

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) : Warning

Hazard Statements (GHS-US/CA) : H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.

H332 - Harmful if inhaled.

H402 - Harmful to aquatic life. H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements (GHS-US/CA): P261 - Avoid breathing vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

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

P273 - Avoid release to the environment.

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

P302+P352 - IF ON SKIN: Wash with plenty of water.

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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.

P312 - Call a POISON CENTER or doctor if you feel unwell.

P321 - Specific treatment (see section 4 on this SDS).

Product Identifier

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

P337+P313 - If eye irritation persists: Get medical advice/attention.

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

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

% *

GHS Ingradient Classification

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

Synonyme

3.1. Substance

Not applicable

Name

3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Residual oils, petroleum,	Residual oils (petroleum),	(CAS-No.) 64742-62-7	22.5 - 80	Not classified
solvent-dewaxed	solvent dewaxed / Oils,	(
301Vent-dewaxed	petroleum, residual, solvent			
	dewaxed / Residual oils,			
	petroleum, solvent, dewaxed			
	/ Residual oils (petroleum),			
	solvent-dewaxed / Residual			
	oils (petroleum), solvent-			
	dewaxed - base oil -			
	unspecified / Paraffinic			
	mineraloil/Paraffinicoil/			
	Residual oils, solvent-			
	dewaxed (petroleum) /			
	Residual oils, petroleum,			
	solvent-dewaxed (A complex			
	combination of hydrocarbons			
	obtained by removal of long,			
	branched chain hydrocarbons			
	from a residual oil by solvent			
	crystallization. It consists of			
	hydrocarbons having carbon			
	numbers predominantly >C25			
	and boiling above			
	approximately 400°C.)/			
	Refined paraffinic mineral oil			
Distillates, petroleum,	Petroleum distillates,	(CAS-No.) 64742-54-7	11.5 - 69	Not classified
hydrotreated heavy	hydrotreated heavy paraffinic	,		
	/ Distillates (petroleum),			
paraffinic	hydrotreated heavy paraffinic			
	/ Paraffin oil / Distillates			
	(petroleum) hydrotreated			
	heavy paraffinic / Distillates,			
	petroleum, hydrotreated			
	heavy paraffinic (A complex			
	combination of hydrocarbons			
	obtained by treating a			
	petroleum fraction with			
	hydrogen in the presence of a			
	catalyst. It consists of			
	hydrocarbons having carbon			
	numbers predominantly in the			

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Amines, C12-14-tert-alkyl	range of C20-50 and produces a finished oil of at least 100 SUS at 100°F (19cStat 40°C). It contains a relatively large proportion of saturated hydrocarbons.) / Heavy paraffinic hydrotreated distillate Thionyl chloride, reaction products with 1,3,4-thiadiazol-2,5-dithiol, tertnonanethiol and C12-14-tertalkylamine / Primene / Primene 81R Amines / C12-	(CAS-No.) 68955-53-3	0.325 - 1.2935	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318
	14-tert-Alkylamines / (C12- 14)tert-Alkylamines			Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Phosphoric acid, bis(2- ethylhexyl) ester	Di(2-ethylhexyl)phosphoric acid / Bis (2-ethylhexyl) hydrogen phosphate / Bis (2-ethylhexyl) phosphate / Di(2-ethylhexyl) phosphate / Hydrogen bis (2-ethylhexyl) phosphate / Bis -(2-ethylhexyl)hydrogen phosphate / Di -(2-ethylhexyl)hydrogen phosphate / Di -(2-ethylhexyl)hydrogen phosphate / Di -(2-ethylhexyl)hydrogen phosphate / Bis (2-ethylhexan-1-yl)hydrogen phosphate / Bis (2-ethylhexyl)phosphate / Bis (2-ethylhexyl)phosphate	(CAS-No.) 298-07-7	0.065 - 0.3185	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 3, H402
Phosphoric acid, mono(2- ethylhexyl) ester	2-Ethylhexyl dihydrogen phosphate / Octyl dihydrogen phosphate / Mono(2- ethylhexyl)phosphate / Mono (2-ethylhexyl) phosphate	(CAS-No.) 1070-03-7	0.065 - 0.3185	Skin Corr. 1C, H314 Eye Dam. 1, H318
Oleylamine	(Z)-Octadec-9-enylamine / 9- Octadecen-1-amine, (9Z)-/9- Octadecen-1-amine, (Z)-/cis- 9-Octadecenylamine / 9- Octadecenylamine, (Z)-/ Oleamine / OLEAMINE / (9Z)- 9-Octadecen-1-amine / Oleyl amine	(CAS-No.) 112-90-3	0.065 - 0.3185	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Alkyl Phosphonate		(CAS-No.) Proprietary HMIRA**	0.065 - 0.3185	Skin Irrit. 2, H315 Eye Irrit. 2B, H320
Alkoxylated long-chain alkanol borate		(CAS-No.) Proprietary HMIRA**	0.065 - 0.3185	Skin Irrit. 2, H315 Eye Irrit. 2, H319

Full text of H-phrases: see section 16

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: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.

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^{*}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%).

^{**}An exemption has been granted from the Hazardous Materials Information Review Act (HMIRA) for the components indicated above as Trade Secret. See below for registry number(s) and their corresponding date(s) that exemption(s) were granted: Alkyl Phosphonate and Alkoxylate long-chain alkanol borate – 9939; (04/11/2016)

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Skin Contact: Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

Eye Contact: Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

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

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Skin sensitization. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled.

Inhalation: Inhalation is likely to cause adverse health effects including but not limited to: irritation, difficulty breathing, and unconsciousness.

Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

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 (CO₂), 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: Hazardous reactions will not 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). Toxic fumes.

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: Avoid breathing (vapor, mist, spray). 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. Avoid release to the environment.

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. Ventilate area.

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.

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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray. Use only outdoors or in a well-ventilated area.

Hygiene Measures: Handlein 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.

Incompatible Materials: Oxidizers.

Storage Temperature: < 113 °C (235.4°F)

7.3. Specific End Use(s)

Lubricant.

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.

8.2. Exposure Controls

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

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









Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: nitrile rubber gloves. Wear protective gloves.

Eye and Face Protection: Chemical safety goggles.

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 PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State: LiquidAppearance: AmberOdor: Mild

Odor Threshold : Not available pH : Not available

Evaporation Rate : < 1 (Butyl acetate = 1)

Melting Point: Not availableFreezing Point: Not availableBoiling Point: Not available

Flash Point : > 205 °C (401 °F) Closed Cup

Auto-ignition Temperature : > 260 °C (500 °F) **Decomposition Temperature** : Not available

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Flammability (solid, gas) : Not applicable

Lower Flammable Limit : Not available

Upper Flammable Limit : Not available

Vapor Pressure : $< 0.31 \, \text{kPa} < 1 \, \text{mm} \, \text{Hg at } 20 \, ^{\circ}\text{C} \, (68 \, ^{\circ}\text{F})$

Relative Vapor Density at 20°C : Not available

Relative Density : 0.89 - 0.91 (water = 1)

 Specific Gravity
 : Not available

 Solubility
 : Water: Insoluble

 Partition Coefficient: N-Octanol/Water
 : Not available

 Viscosity
 : Not available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Hazardous reactions will not occur under normal conditions.

- **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: Oxidizers.
- **10.6.** Hazardous Decomposition Products: Thermal decomposition generates toxic vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Harmful if inhaled.

LD50 and LC50 Data:

MP GEAR LUBE	
ATE US/CA (dust, mist)	3.87 mg/l/4h

Skin Corrosion/Irritation: Causes skin irritation. **Eye Damage/Irritation:** Causes serious eye irritation.

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

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: Inhalation is likely to cause adverse health effects including but not limited to: irritation,

difficulty breathing, and unconsciousness.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and

dermatitis.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects. **Chronic Symptoms:** None expected under normal conditions of use.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)		
LD50 Oral Rat > 15 g/kg		
LD50 Dermal Rabbit	> 5000 mg/kg	
Residual oils, petroleum, solvent-dewaxed (64742-62-7)		
LD50 Oral Rat	> 5000 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	

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Phosphoric acid, bis(2-ethylhexyl) ester (298	07-7)	
LD50 Oral Rat	1400 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	
Phosphoric acid, mono(2-ethylhexyl) ester (1070-03-7)		
LD50 Oral Rat	3450 mg/kg	
LD50 Dermal Rabbit	> 4650 mg/kg	
Oleylamine (112-90-3)		
LD50 Oral Rat	1689 mg/kg	
Amines, C12-14-tert-alkyl (68955-53-3)		
LD50 Oral Rat	300 mg/kg	
LD50 Dermal Rabbit	1120 mg/kg	
LC50 Inhalation Rat	157 ppm/4h	
ATE US/CA (vapors)	0.50 mg/l/4h	
ATE US/CA (dust, mist)	0.05 mg/l/4h	

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

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

Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)		
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)	
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Residual oils, petroleum, solvent-dewaxed (64742-62-7)		
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)	
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Phosphoric acid, bis(2-ethylhexyl) ester (298-07-7)		
LC50 Fish 1	20 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	
EC50 Daphnia 1	15 mg/l	
NOEC Chronic Algae	9.3 mg/l	
Oleylamine (112-90-3)		
LC50 Fish 1	0.11 mg/l	
NOEC Chronic Crustacea	0.013 mg/l	

12.2. Persistence and Degradability

<u> </u>	 <u>'</u>
MP GEAR LUBE	
Persistence and Degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative Potential

MP GEAR LUBE	
Bioaccumulative Potential	Not established.

12.4. Mobility in Soil Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

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.

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14.1. In Accordance with DOT Not regulated for transport
 14.2. In Accordance with IMDG Not regulated for transport
 14.3. In Accordance with IATA Not regulated for transport
 14.4. In Accordance with TDG Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

MP GEAR LUBE	
SARA Section 311/312 Hazard Classes	Health hazard - Respiratory or skin sensitization
	Health hazard - Skin corrosion or Irritation
	Health hazard - Serious eye damage or eye irritation
	Health hazard - Acute toxicity (any route of exposure)
SARA Section 313 - Emission Reporting	This product (does/not) contain toxic chemicals subject to the
	reporting requirements of SARA Section 313 of the Emergency
	Planning and Community Right-To-Know Act of 1986 and of [40.CFR
	372]

Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)

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

Residual oils, petroleum, solvent-dewaxed (64742-62-7)

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

Phosphoric acid, bis(2-ethylhexyl) ester (298-07-7)

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

Phosphoric acid, mono(2-ethylhexyl) ester (1070-03-7)

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

Olevlamine (112-90-3)

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

Amines, C12-14-tert-alkyl (68955-53-3)

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

15.2. US State Regulations

Phosphoric acid, bis(2-ethylhexyl) ester (298-07-7)

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

California Proposition 65

No products were found

15.3. Canadian Regulations

Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)

Listed on the Canadian DSL (Domestic Substances List)

Residual oils, petroleum, solvent-dewaxed (64742-62-7)

Listed on the Canadian DSL (Domestic Substances List)

Phosphoric acid, bis(2-ethylhexyl) ester (298-07-7)

Listed on the Canadian DSL (Domestic Substances List)

Phosphoric acid, mono(2-ethylhexyl) ester (1070-03-7)

Listed on the Canadian DSL (Domestic Substances List)

Oleylamine (112-90-3)

Listed on the Canadian DSL (Domestic Substances List)

Amines, C12-14-tert-alkyl (68955-53-3)

Listed on the Canadian DSL (Domestic Substances List)

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

Date of Preparation or Latest : 08/01/2019

Revision

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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. 2 (Inhalation)	Acute toxicity (inhalation) Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral) 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
Asp. Tox. 1	Aspiration hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Corr. 1C	Skin corrosion/irritation Category 1C
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H301	Toxicifswallowed
H302	Harmfulifswallowed
H304	May be fatal if swallowed and enters airways
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
H320	Causes eye irritation
H330	Fatalifinhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
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

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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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