

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations Revision Date: 09/30/2014 Date of issue: 09/30/2014

Version: 1.0

## **SECTION 1: IDENTIFICATION**

<u>ProductIdentifier</u> <u>Product Form:</u> Mixture

**Product Name:** Sierra E-Guard Marine Fuel Additive **Product Code:** 118-9775, 118-9776, 118-9777

**Intended Use of the Product** 

Use of the Substance/Mixture: Fuel Additive.

Name, Address, and Telephone of the Responsible Party

Company

Sierra International 1 Sierra Place Litchfield, IL 62056 www.sierramarine.com 1-877-663-8396

**Emergency Telephone Number** 

**Emergency Number** : US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

## **SECTION 2: HAZARDS IDENTIFICATION**

## **Classification of the Substance or Mixture**

### Classification (GHS-US)

Flam. Liq. 4 H227 Skin Irrit. 2 H315 STOT SE 3 H336 Asp. Tox. 1 H304 Label Elements

## GHS-US Labeling

Hazard Pictograms (GHS-US)





Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) : H227 - Combustible liquid.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

Precautionary Statements (GHS-US): P210 - Keep away from sparks, open flames, hot surfaces, heat. - No smoking.

P261 - Avoid breathing fume/mist/vapors/spray.

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

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

P280 - Wear protective gloves, protective clothing, eye protection. P301+P310 - If swallowed: Immediately call a poison center or doctor.

P302+P352 - If on skin: Wash with plenty of soap and water.

P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position

comfortable for breathing.

P312 - Call a poison center/doctor if you feel unwell.

P321+P331 - Specific treatment (see section 4). Do NOT induce vomiting.

P332+P313 - If skin irritation occurs: Get medical advice/attention. P362 - Take off contaminated clothing and wash before reuse.

P370+P378 - In case of fire: Use dry chemical powder, alcohol-resistant foam, carbon dioxide

(CO<sub>2</sub>) to extinguish.

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

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P403+P235+P405 - Store in a well-ventilated place. Keep cool. Store locked up. P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations.

**Other Hazards** Prolonged or repeated exposure may cause skin dryness or cracking.

**Unknown Acute Toxicity (GHS-US)** Not available

## **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Mixture**

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Petroleum distillates, hydrotreated light	(CAS No) 64742-47-8	90 - 95	Flam. Liq. 4, H227
			Asp. Tox. 1, H304
Kerosine, petroleum	(CAS No) 8008-20-6	1 - 5 or 5 - 10	Flam. Liq. 3, H226
			Skin Irrit. 2, H315
			STOT SE 3, H336
			Asp. Tox. 1, H304
Kerosine, petroleum, hydrodesulfurized	(CAS No) 64742-81-0	1 - 5 or 5 - 10	Flam. Liq. 3, H226
			Skin Irrit. 2, H315
			STOT SE 3, H336
			Asp. Tox. 1, H304

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### **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 if 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. Call a POISON CENTER/doctor/physician if you feel unwell.

**Skin Contact:** Remove contaminated clothing. Gently wash with plenty of soap and water followed by rinsing with water for at least 15 minutes. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

## Most Important Symptoms and Effects Both Acute and Delayed

General: Vapors may cause drowsiness and dizziness. Causes skin irritation. May be fatal if swallowed and enters airways.

**Inhalation:** May cause drowsiness or dizziness.

**Skin Contact:** Causes skin irritation.

Eye Contact: May cause minor eye irritation.

**Ingestion:** May be fatal if swallowed and enters airways.

**Chronic Symptoms:** Prolonged or repeated exposure may cause skin dryness or cracking. **Indication of Any Immediate Medical Attention and Special Treatment Needed** 

Any material aspirated during vomiting may cause lung injury. Avoid emesis. If stomach contents must be evacuated use method least likely to result in aspiration.

## **SECTION 5: FIRE-FIGHTING MEASURES**

#### **Extinguishing Media**

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).

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

## Special Hazards Arising From the Substance or Mixture

Fire Hazard: Flammable liquid and vapor.

**Explosion Hazard:** May form flammable/explosive vapor-air mixture. **Reactivity:** Reacts with strong oxidants causing fire and explosion hazard.

### **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, CO<sub>2</sub>).

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**Reference to Other Sections** Refer to section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

## **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid breathing (dust, vapor, mist, gas). Use only outdoors or in a well-ventilated area.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE). **Emergency Procedures:** Evacuate unnecessary personnel. Stop leak if safe to do so.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection. **Emergency Procedures:** Eliminate ignition sources. Ventilate area.

**Environmental Precautions** Prevent entry to sewers and public waters.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulosic material.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Use only non-sparking tools.

#### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

#### SECTION 7: HANDLING AND STORAGE

## **Precautions for Safe Handling**

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Proper grounding procedures to avoid static electricity should be followed.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container tightly closed. Store locked up.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Specific End Use(s) Fuel Additive.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Control Parameters**

Control Farameters		
Kerosine, petroleum (8008-2	20-6)	
USA ACGIH	ACGIH TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which there
		are negligible aerosol exposures)
USA NIOSH	NIOSH REL (TWA) (mg/m³)	100 mg/m <sup>3</sup>
Alberta	OEL TWA (mg/m³)	200 mg/m <sup>3</sup>
British Columbia	OEL TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which there
		are negligible aerosol exposures)
Manitoba	OEL TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which there
		are negligible aerosol exposures)
Newfoundland & Labrador	OEL TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which there
		are negligible aerosol exposures)
Nova Scotia	OEL TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which there
		are negligible aerosol exposures)
Ontario	OEL TWA (mg/m³)	200 mg/m³ (restricted to conditions where there is negligible
		aerosol exposure)
Prince Edward Island	OEL TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which there
		are negligible aerosol exposures)
Saskatchewan	OEL STEL (mg/m³)	250 mg/m <sup>3</sup>
Saskatchewan	OEL TWA (mg/m³)	200 mg/m <sup>3</sup>
Kerosine, petroleum, hydro	desulfurized (64742-81-0)	
USA ACGIH	ACGIH TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which

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		there are negligible aerosol exposures)
Alberta	OEL TWA (mg/m³)	200 mg/m <sup>3</sup>
Manitoba	OEL TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which
		there are negligible aerosol exposures)
Newfoundland & Labrador	OEL TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which
		there are negligible aerosol exposures)
Nova Scotia	OEL TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which
		there are negligible aerosol exposures)
Ontario	OEL TWA (mg/m³)	200 mg/m³ (restricted to conditions where there is
		negligible aerosol exposure)
Prince Edward Island	OEL TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which
		there are negligible aerosol exposures)
Saskatchewan	OEL STEL (mg/m³)	250 mg/m <sup>3</sup>
Saskatchewan	OEL TWA (mg/m³)	200 mg/m <sup>3</sup>
Petroleum distillates, hydrotreated light (64742-47-8)		
British Columbia	OEL TWA (mg/m³)	200 mg/m³ (application restricted to conditions in which
		there are negligible aerosol exposures)

#### **Exposure Controls**

**Appropriate Engineering Controls:** Proper grounding procedures to avoid static electricity should be followed. Take precautionary measures against static discharges. Gas detectors should be used when flammable gases/vapors may be released. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Full protective flameproof clothing. Gloves. High gas/vapor concentration: gas mask.







**]Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist

are expected to exceed exposure limits.

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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

 Information on Basic Physical and Chemical Properties

 Physical State
 : Liquid

 Appearance
 : Blue

Odor:Not availableOdor Threshold:Not availablepH:Not availableEvaporation Rate:Not available

**Melting/Freezing Point** :  $-42 \,^{\circ}\text{C} \, (-44 \,^{\circ}\text{F}) \, (107.60 \,^{\circ}\text{F})$ 

**Boiling Point** : Not available

Flash Point : 69 °C (156°F) (156.20 °F)

**Auto-ignition Temperature** Not available **Decomposition Temperature** Not available Flammability (solid, gas) Not available **Lower Flammable Limit** Not available **Upper Flammable Limit** Not available **Vapor Pressure** Not available Relative Vapor Density at 20 °C Not available Relative Density/Specific Gravity Not available

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Solubility: Not availablePartition Coefficient: N-octanol/water: Not availableViscosity: Not available

Explosion Data – Sensitivity to Mechanical Impact : Not expected to present an explosion hazard due to mechanical impact.

Explosion Data – Sensitivity to Static Discharge : Not expected to present an explosion hazard due to static discharge.

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

**Reactivity:** Reacts with strong oxidants causing fire and explosion hazard.

**Chemical Stability:** Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

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

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Open flame. Heat. Sparks.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers. **Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>).

#### SECTION 11: TOXICOLOGICAL INFORMATION

## **Information on Toxicological Effects - Product**

Acute Toxicity: Not classified LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation. Serious Eye Damage/Irritation: Not classified Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

**Teratogenicity:** Not available **Carcinogenicity:** Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: May cause drowsiness or dizziness.

Symptoms/Injuries After Skin Contact: Causes skin irritation.

**Symptoms/Injuries After Eye Contact:** May cause minor eye irritation.

**Symptoms/Injuries After Ingestion:** May be fatal if swallowed and enters airways.

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

#### LD50 and LC50 Data:

Kerosine, petroleum (8008-20-6)		
LD50 Oral Rat	> 5000 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	
LC50 Inhalation Rat	> 5.28 mg/l/4h	
Kerosine, petroleum, hydrodesulfurized (64742-81-0)		
LD50 Oral Rat	> 5000 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	
LC50 Inhalation Rat	> 5.2 mg/l/4h	
Petroleum distillates, hydrotreated light (64742-47-8)		
LD50 Oral Rat	> 5000 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	
LC50 Inhalation Rat	> 5.2 mg/l/4h	

## **SECTION 12: ECOLOGICAL INFORMATION**

#### **Toxicity** Not classified

Kerosine, petroleum (8008-20-6)		
NOEC chronic fish 0.098 mg/l (PETROTOX, Klimmish score: 2)		
Kerosine, petroleum, hydrodesulfurized (64742-81-0)		
LC50 Fish 1	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	

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EC50 Daphnia 1	4720 mg/l (Exposure time: 48 h - Species: Den-dronereides heteropoda)	
LC 50 Fish 2	1740 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
Petroleum distillates, hydrotreated light (64742-47-8)		
LC50 Fish 1	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
LC 50 Fish 2	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	

## **Persistence and Degradability** Not established

### **Bioaccumulative Potential**

Kerosine, petroleum, hydrodesulfurized (64742-81-0)		
BCF Fish 1	61 - 159	
Petroleum distillates, hydrotreated light (64742-47-8)		
BCF Fish 1	61 - 159	

Mobility in Soil Not available

**Other Adverse Effects** 

Other Information: Avoid release to the environment.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Additional Information: Handle empty containers with care because residual vapors are flammable.

## **SECTION 14: TRANSPORT INFORMATION**

### In Accordance With ICAO/IATA/DOT/TDG

**UN Number** 

DOT NA no. : NA1993

**UN Proper Shipping Name** 

**Proper Shipping Name (DOT)** : COMBUSTIBLE LIQUID, N.O.S. (Petroleum distillates, hydrotreated light)

**Transport Document Description (DOT)** : NA1993 COMBUSTIBLE LIQUID, N.O.S. (Petroleum distillates, hydrotreated

light), 3, III

**Transport Hazard Class(es)** 

**DOT Symbols** 

Department Of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

: D - Proper shipping name for domestic use only, G - Identifies PSN requiring

a technical name

Packing Group (DOT)

: III - Minor Danger

**DOT Special Provisions (49 CFR 172.102)** 

: IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T1 - 1.5 178.274(d)(2) Normal...... 178.275(d)(2) T4 - 2.65 178.274(d)(2) Normal...... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / (1 + a (tr - tf)) Where: tr is the maximum mean bulk temperature during transport, and tf is the

temperature in degrees celsius of the liquid during filling.

DOT Packaging Exceptions (49 Cfr 173.xxx) : 150 DOT Packaging Non Bulk (49 Cfr 173.xxx) : 203 DOT Packaging Bulk (49 Cfr 173.xxx) : 241

**Additional Information** 

Emergency Response Guide (ERG) Number :

**Other Information** This product meets the limited quantities exception as follows: DOT: Not

regulated as dangerous goods except when transported by air or shipped in quantities greater than or equal to 5L. Otherwise, the above descriptions apply.

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In Accordance with IMDG Not regulated for transport

Marine Pollutant : No

In Accordance with IATA Not regulated for transport
Not regulated for transport

## **SECTION 15: REGULATORY INFORMATION**

## **US Federal Regulations**

Sierra E-Guard Marine Fuel Additive		
SARA Section 311/312 Hazard Classes	Fire hazard	
	Immediate (acute) health hazard	
Kerosine, petroleum (8008-20-6)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Kerosine, petroleum, hydrodesulfurized (64742-81-0)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Petroleum distillates, hydrotreated light (64742-47-8)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
SARA Section 311/312 Hazard Classes	Fire hazard	
	Immediate (acute) health hazard	

## **US State Regulations**

#### Kerosine, petroleum (8008-20-6)

- U.S. Connecticut Hazardous Air Pollutants HLVs (30 min)
- U.S. Connecticut Hazardous Air Pollutants HLVs (8 hr)
- 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
- RTK U.S. Massachusetts Right To Know List
- U.S. Minnesota Chemicals of High Concern
- 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) Annual
- U.S. New Jersey Discharge Prevention List of Hazardous Substances
- U.S. New Jersey Environmental Hazardous Substances List
- RTK U.S. New Jersey Right to Know Hazardous Substance List
- U.S. North Dakota Air Pollutants Guideline Concentrations 8-Hour
- U.S. California Safer Consumer Products Initial List of Candidate Chemicals and Chemical Groups
- RTK U.S. Pennsylvania RTK (Right to Know) List
- U.S. Texas Effects Screening Levels Long Term
- U.S. Texas Effects Screening Levels Short Term

## Kerosine, petroleum, hydrodesulfurized (64742-81-0)

- U.S. Texas Effects Screening Levels Long Term
- U.S. Texas Effects Screening Levels Short Term

## Petroleum distillates, hydrotreated light (64742-47-8)

- 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) Annual
- U.S. Texas Effects Screening Levels Long Term
- U.S. Texas Effects Screening Levels Short Term

## **Canadian Regulations**

Sierra E-Guard Marine Fuel Additive	
WHMIS Classification	Class B Division 3 - Combustible Liquid
	Class D Division 2 Subdivision B - Toxic material causing other toxic effects

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Kerosine, petroleum (8008-20-6)		
Listed on the Canadian DSL (Domestic Sustances List)		

WHMIS Classification Class B Division 3 - Combustible Liquid

Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Kerosine, petroleum, hydrodesulfurized (64742-81-0)

Listed on the Canadian DSL (Domestic Sustances List)

WHMIS Classification Class B Division 3 - Combustible Liquid

Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the Canadian DSL (Domestic Sustances List)

WHMIS Classification Class B Division 3 - Combustible Liquid

Class D Division 2 Subdivision B - Toxic material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

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

**Revision Date** : 09/30/2014

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA

Hazard Communication Standard 29 CFR 1910.1200.

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

Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H227	Combustible liquid
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

NFPA Health Hazard : 1 - Exposure could cause irritation but only minor residual injury even if no

treatment is given.

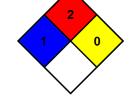
NFPA Fire Hazard : 2 - Must be moderately heated or exposed to relatively high temperature before

ignition can occur.

NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive

with water.

## Party Responsible for the Preparation of This Document



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#### Sierra International

1-877-663-8396

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.

North America GHS US 2012 & WHMIS

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