



**First aid measures**

<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice and or attention.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention or call a physician.
<b>Ingestion</b>	If sprayed in mouth, rinse mouth several times with water. Never give anything by mouth to an unconscious person. If accidentally swallowed obtain immediate medical attention.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically and supportively.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable Extinguishing Media** None known.

**Specific hazards arising from the chemical**

Under fire conditions heated / hot containers may burst. Cool heated containers with water spray.

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

**Explosion data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective bunker gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation.

**Environmental precautions**

**Environmental precautions** Prevent product from entering drains, sewers or water courses. Do not allow material to contaminate ground water system.

**Methods and material for containment and cleaning up**

**Methods for Containment** Contain spill with inert material (e.g. sand, silical gel, universal binder).

**Methods for cleaning up**

Pick up and transfer to properly labelled containers. Dispose waste product in accordance with federal, state and local regulations.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Stir before use.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering Measures** Eyewash stations; Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Safety glasses with side-shields.

**Skin and body protection** Wear protective gloves and protective clothing. Long sleeved clothing.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced from spray or mists, a NIOSH / MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid		
<b>Appearance</b>	Colored	<b>Odor</b>	Slight to negligible
<b>Color</b>	White	<b>Odor threshold</b>	No information available
<b>pH</b>	7.5 - 9.0		
<b>Melting point/freezing point</b>	Not applicable		
<b>Boiling Point/Range</b>	100 °C / 212 °F		Estimated
<b>Flash Point</b>	Not applicable (water-based material)		
<b>Specific gravity</b>	1.01		Estimated
<b>Water solubility</b>	Dispersible		
<b>Kinematic viscosity</b>	No information available		
<b>Dynamic viscosity</b>	50 - 1000 cPs		Estimated
<b>Explosive properties</b>	Not applicable.		
<b>Oxidizing properties</b>	No information available.		

**Other information**

**VOC Content(%)** ~1.0%

**Density** ~ 8.5 pounds / gallon

## 10. STABILITY AND REACTIVITY

**Reactivity**

No dangerous reactions known under conditions of normal use.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing and recommended storage conditions.

**Conditions to Avoid**

Do not freeze. Excessive heat, sparks and color contaminating debris

**Incompatible materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

None known or anticipated based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information** No acute toxicity information is available for this product.

**Component Information** No acute toxicity information is available on components.

**Information on toxicological effects**

**Symptoms** None known and no information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Irritation</b>	Mechanical irritation of the eyes is possible.
<b>Sensitization</b>	No information available.
<b>Mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No component of this product is present at levels greater than or equal to 0.1% is listed with NTP, IARC or OSHA.
<b>Reproductive Effects</b>	None known.
<b>Developmental Toxicity</b>	None known.
<b>Teratogenicity</b>	None known.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Neurological Effects</b>	None known.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0.0035% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

<b>ATE mix (oral)</b>	>5000 mg/kg
<b>ATE mix (dermal)</b>	>2000 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

There is no ecotoxicity data on the product itself.

20.5% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

**Persistence and degradability**

No information available.

**Bioaccumulation potential**

No information available.

**Other adverse effects**

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods****Waste Disposal Methods**

Can be disposed as waste water, when in compliance with local regulations. Should not be released into the environment.

**Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

## 14. TRANSPORT INFORMATION

**DOT**

Not regulated for transport.

**ICAO/IATA**

Not regulated for transport.

**IMDG/IMO**

Not regulated for transport.

## 15. REGULATORY INFORMATION

**Global Chemical Inventory Status**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

Complies

**Legend:**

TSCA Section 8 (b): All components are listed on or exempt from TSCA inventory.

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazardous****Categorization**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This product does not contain any chemicals subject to reporting requirements (RQ) of CERCLA (40 CFR 302.4).

**U.S. State Regulations****California Proposition 65**

This product contains one or more substances listed on California Proposition 65.

**State Right-to-Know**

Triethylamine (CAS# 121-44-8): Massachusetts; New Jersey; Pennsylvania.

## 16. OTHER INFORMATION

<b>NFPA Hazard Ratings:</b>	Health hazards 1	Flammability 0	Instability 0
<b>HMIS Hazard Ratings:</b>	Health hazards 1	Flammability 0	Physical hazards 0

**Prepared By:**

Contractor

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**Revision Note**

GHS-Classification; SDS sections updated: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 & 16.

**Disclaimer**

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The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**Abbreviation Legend:**

ATE – Acute Toxicity Estimate; C - Celsius; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; cPs – Centipoise; DOT - Department of Transportation; EPA - Environmental Protection Agency; F - Fahrenheit; GHS – Global Harmonized System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; IMO – International Maritime Organization; REL - Recommended Exposure Limits; NFPA - National Fire Protection Association; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; OSHA - Occupational Safety and Health Administration; RCRA - Resource Conservation and Recovery Act; SARA - Superfund Amendments and Reauthorization Act; SDS – Safety Data Sheet; STEL - Short-term Exposure Limit; STOT – Specific Target Organ Toxicity; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; WHMIS - Health Canada Workplace Hazardous Materials Information System

**End of Safety Data Sheet**