



**First Aid Measures**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Inhalation</b>	Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.
<b>Eye Contact</b>	Flush material out immediately with large amounts of water for at least 15 minutes, holding eye lids apart to insure flushing of the entire surface. Washing eyes within several seconds is essential to achieve maximum effectiveness. Get medical attention immediately.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Drink 1-2 glasses of water. If vomiting occurs spontaneously, keep airway clear. Get medical attention immediately.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Wash contaminated clothing before reuse. If irritation or redness develops, seek medical attention.

**Most Important Symptoms and Effects, both Acute and Delayed**

<b>Symptoms</b>	Direct contact with eyes may cause temporary irritation. Prolonged or repeated skin contact may cause irritation. May cause respiratory irritation. If swallowed, will cause gastrointestinal tract irritation.
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**Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Note to Physicians</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**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 gear.

**6. ACCIDENTAL RELEASE MEASURES**

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

<b>Personal Precautions</b>	Use personal protective equipment as required.
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**Methods and Material for Containment and Cleaning Up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Absorb with inert material or sweep up, and then place in suitable container for chemical waste.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

**Incompatible Materials** Strong oxidizing agents. Metallic nitrates.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

**Appropriate Engineering Controls**

**Engineering Controls** Ensure adequate ventilation especially in confined areas.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection** Chemical anti-splash safety goggles.

**Skin and Body Protection** Impervious gloves such as nitrile are recommended for operations which may result in prolonged or repeated skin contact. Rubber boots.

**Respiratory Protection** No special equipment needed.

**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>Odor</b>	Mild
<b>Appearance</b>	Milky white liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	White		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	7 - 9	
<b>Melting Point/Freezing Point</b>	Not determined	
<b>Boiling Point/Boiling Range</b>	>212°F	
<b>Flash Point</b>	>Not determined	
<b>Evaporation Rate</b>	1	Water = 1
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	
<b>Vapor Pressure</b>	Not determined	
<b>Vapor Density</b>	Not determined	
<b>Specific Gravity</b>	1.03	
<b>Water Solubility</b>	Emulsifies	
<b>Solubility in Other Solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	

<b>Autoignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>Kinematic Viscosity</b>	Not determined
<b>Dynamic Viscosity</b>	Not determined
<b>Explosive Properties</b>	Not an explosive
<b>Oxidizing Properties</b>	Not determined
<b>VOC Content (%)</b>	Not determined

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Excessive heat and contamination of any kind.

### Incompatible Materials

Strong oxidizing agents. Metallic nitrates.

### Hazardous Decomposition Products

Thermal decomposition may produce oxides of carbon, fumes and smoke.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### **Product Information**

<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Eye Contact</b>	May cause temporary irritation on eye contact.
<b>Skin Contact</b>	Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

### Component Information

Not determined

### Information on Physical, Chemical and Toxicological Effects

<b>Symptoms</b>	Direct contact with eyes may cause temporary irritation. Prolonged or repeated skin contact may cause irritation. May cause respiratory irritation. If swallowed may cause gastrointestinal tract irritation.
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### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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**Numerical Measures of Toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Component Information**

Not determined

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Do not reuse container. Triple rinse empty container with water. Plastic containers may be offered for recycling.

**14. TRANSPORT INFORMATION**

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(b) Inventory	Yes
<b>DSL</b>	Canadian Domestic Substances List	Yes
<b>NDSL</b>	Non-Domestic Substances List	No
<b>EINECS</b>	European Inventory of Existing Chemical Substances	Yes
<b>ELINCS</b>	European List of Notified Chemical Substances	No
<b>ENCS</b>	Japan Existing and New Chemical Substances	Yes
<b>IECSC</b>	China Inventory of Existing Chemical Substances	Yes
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances	Yes
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances	Yes
<b>New Zealand</b>	New Zealand Inventory	Yes

**US Federal Regulations**

**SARA 313**  
Not regulated

**US State Regulations**

**U.S. State Right-to-Know Regulations**

To the best of our knowledge no components of this product appear on State Right to Know lists.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	0	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	0	0	B

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**