



#### **4. First Aid Measures**

Eye Contact: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

Skin Contact: Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

Inhalation (Breathing): First aid is not normally required. If breathing difficulties develop, move away from source and seek medical attention.

Ingestion (Swallowing): First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

Most Important symptoms/effects, acute and delayed:

EYES: May cause slight irritation, tears and a burning sensation

SKIN: Causes mild irritation, potentially causing reddening, itching or inflammation

INHALATION: Respiratory tract irritation may occur if exposed to fumes or mists

INGESTION: Symptoms may include nausea, vomiting and diarrhea. Aspiration into lungs may cause chemical pneumonia and lung damage. Medical Attention and Special Treatment needed: Treat symptomatically

INGESTION: If ingested, this material represents a significant aspiration and chemical pneumonitis hazard. Vomiting is not recommended.

#### **5. Fire Fighting Measures**

Suitable Extinguishing Media: Dry chemicals, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 212°F. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Unsuitable Extinguishing Media: Avoid solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture: Elevated temperatures can lead to the formation of irritating fumes and vapors.

Decomposing products may include the following materials: Carbon Dioxide and Carbon Monoxide. Product is a static accumulating liquid. Static accumulating liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor may cause

	<p>flash fire. Static Electricity accumulation may be increased by the presence of small quantities of water or other contaminants. Restrict flow velocity to avoid build-up of static charge.</p> <p><u>Advice for firefighters:</u> For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant. Isolate immediate hazard area, keep unauthorized personnel out. Water spray may be useful minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done with minimal risk.</p>						
<p><b>6. Accidental Release Measures</b></p>	<p><u>Personal Precautions, Protective Equipment and Emergency Procedures:</u> Wear appropriate personal protective equipment to avoid direct contact. The material will burn, but will not ignite readily. Keep all ignition sources away from the spill/release.</p> <p><u>Environmental Precautions:</u> Stop spill/release if it can be done safely. Product is insoluble in water, so prevent it from entering drains or water ways. Notify appropriate state and local authorities.</p> <p><u>Method for clean up:</u> Use absorbent materials such as sand, earth or vermiculite on land spills. Use absorbent booms or skimming devices on water spills.</p>						
<p><b>7. Handling &amp; Storage</b></p>	<p><u>Handling:</u> Keep away from ignition sources. Be cautious of any drips or spills as product is extremely slippery. Do not enter confined spaces without appropriate equipment and procedures. Electrostatic charge may accumulate and create a hazardous condition when handling this material. Bond and Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire.</p> <p><u>Storage:</u> Store containers in a clean, dry location, away from strong sunlight and heat or flames. Keep containers sealed when not in use. Empty containers retain residue and should be handled with care and disposed of properly.</p>						
<p><b>8. Control Measures</b></p>	<table> <tr> <td>OSHA:</td> <td>5 mg/m</td> </tr> <tr> <td>ACGIH TWA:</td> <td>5 mg/m</td> </tr> <tr> <td>ACGIH STEL:</td> <td>10mg/m</td> </tr> </table>	OSHA:	5 mg/m	ACGIH TWA:	5 mg/m	ACGIH STEL:	10mg/m
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	<p><u>Appropriate Engineering Controls:</u> Consider the following when employing engineering controls and selecting personal protective equipment: Potential hazards of the material, applicable exposure limits, job activities and other substances in the work place. If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.</p> <p><u>Personal Protective Equipment (PPE):</u>  Respiratory: If vapor or mist is generated by heating, spraying, etc, wear an air purifying respirator with mist filter. No special respiratory protection is normally required.  Skin: Wear gloves and long sleeve clothing to minimize contact.  Eye/Face: Wear glasses with side shield or goggles in case of splashing</p>
<p><b>9. Physical Properties</b></p>	<p>Appearance: Liquid, Water White  Odor: None  pH: N/A  Melting/Freezing Point: &lt; 10°F  Initial Boiling Point: (SEE PRODUCT BULLETINS FOR SPECIFICS)  Flash Point: &gt;350°F / 177°C (SEE PRODUCT BULLETINS FOR SPECIFICS)  Test Method: Cleveland Open Cup (COC), ASTM D92  Evaporation Rate: Not Applicable  Flammability (solid, gas) Not Applicable LEL (vol % in air): No data UEL (vol % in air): No data  Vapor Pressure: 1  Specific Gravity: 0.82 – 0.88 (SEE PRODUCT BULLETINS FOR SPECIFICS)  Solubility in Water: Insoluble Partition coefficient: log POW: &gt;6 This product is soluble in oil  Auto-ignition Temperature: No data  Decomposition Temperature: No data  Viscosity: 50 – 130 SUS @100°F (SEE PRODUCT BULLETINS FOR SPECIFICS)</p> <p>Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm)</p>
<p><b>10. Stability &amp; Reactivity</b></p>	<p>Reactivity: Not chemically reactive  Chemical Stability: Stable under normal ambient and anticipated conditions of use  Possibility of hazardous reactions: Not anticipated under normal conditions</p>

**11. Toxicological Information**

Conditions to Avoid: Extended exposure to high temperatures can cause decomposition.  
Materials to Avoid (Incompatible Materials): Avoid contact with strong oxidizing agents.  
Hazardous Decomposition Products: Not anticipated under normal conditions

Acute Health Effects

Inhalation: airways	May be fatal if enters
Ingestion:	Call Poison Control
Skin Contact:	Unlikely to be harmful

Chronic Health Effects:

Aspiration Hazard: inhalation of mist or spray may be harmful and cause pulmonary edema or aspiration pneumonia. Oil deposits in the lungs may lead to fibrosis and reduced pulmonary function.

Skin: may cause mild irritation

Eye: causes mild irritation

**12. Ecological Information**

No additional information is available at this time.

**13. Disposal Information**

Waste disposal method:

This product is not hazardous as supplied. Please refer to local waste disposal regulations for further information. Empty drums/containers should be sealed and returned to a re-conditioner.

**14. Transport Information**

DOT Class:	Not a DOT Controlled material
Hazard Class:	N/A
UN Number:	N/A
Package code:	N/A
Shipping Name:	Not regulated.

<p><b>15. Regulatory Information</b></p>	<p>Please refer to local waste disposal regulations for further information.</p>
<p><b>16. Other Information</b></p>	<p>Disclaimer of Expressed and implied Warranties: The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license</p> <p>Date Created: 07/23/2014</p>