



P337+P313

If eye irritation persists get medical advice / attention

P405

Store locked up

P403+P233

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

P501

Dispose of contents/container in accordance with local/regional/national/international regulations

**Warning**



**Section 3: Composition/Information on Ingredients**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Trade Secret 50 to 60%			

**Section 4: First-aid Measures**

**Inhalation**

Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. To prevent aspiration, keep head below knees.

**Eye Contact**

Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

**Skin Contact**

Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash clothing separately and clean shoes before reuse.

**Ingestion**

If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Section 5: Fire-fighting Measures**

**Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Specific Hazards Arising from the Chemical**

Hydrogen chloride gas, Lanthanum oxides

**Special Protective Equipment and Precautions for Firefighters**

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

**Section 6: Accidental Release Measures**

**Spill and Leak Procedures**

Use personal protective equipment. For personal protection see section 8. Avoid breathing vapors, mist or gas.

Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

<b>Section 7: Handling and Storage</b>
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**Handling Procedures**

Use with adequate ventilation. Avoid breathing dusts, mists, and vapors. Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

**STORAGE:** Keep away from heat, sparks, and flame. Store containers in a cool, well ventilated place. Keep container closed when not in use. Protect from direct sunlight.

<b>Section 8: Exposure Control/Personal Protection</b>
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Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Trade Secret N/A			

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant the use of a respirator.

**SKIN PROTECTION:** Wear impervious protective gloves. Wear protective gear as needed - apron, suit, boots.

**EYE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield.

**OTHER PROTECTIVE EQUIPMENT:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**HYGENIC PRACTICES:** Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

<b>Section 9: Physical and Chemical Properties</b>
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<p><b>Appearance:</b> Liquid</p> <p><b>Vapor Pressure:</b> Not Available</p> <p><b>Vapor Density:</b> Not Available</p> <p><b>Density:</b> Not Available</p> <p><b>Freezing point:</b> Not Available</p> <p><b>Boiling range:</b> Not Available</p> <p><b>Evaporation rate:</b> Not Available</p> <p><b>Explosive Limits:</b> Not Available</p> <p><b>Autoignition temperature:</b> Not Available</p> <p><b>Viscosity:</b> Not Available</p>	<p><b>Odor:</b> Not Available</p> <p><b>Odor threshold:</b> Not Available</p> <p><b>pH:</b> 2.5 - 3.5</p> <p><b>Melting point:</b> Not Available</p> <p><b>Solubility:</b> Not Available</p> <p><b>Flash point:</b> Not Available</p> <p><b>Flammability:</b> Not Available</p> <p><b>Specific Gravity:</b> 1.5 - 1.6</p> <p><b>Decomposition temperature:</b> Not Available</p> <p><b>Grams VOC less water:</b> Not Available</p>
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<b>Section 10: Stability and Reactivity</b>
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**Chemical Stability:**

STABLE

**Incompatible Materials**  
Strong oxidizing agents

**Conditions to Avoid**  
Fire and heat.

**Hazardous Decomposition Products**  
When introduced to fire: Hydrogen chloride gas, Lanthanum oxides

**Hazardous Polymerization**

Hazardous polymerization will not occur.

Section 11: Toxicology Information

**Mixture Toxicity**  
**Component Toxicity**

**Routes of Entry:**

Inhalation  
Ingestion  
Skin contact  
Eye contact

**Target Organs**

**Effects of Overexposure**

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
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Section 12: Ecological Information

**Component Ecotoxicity**

Section 13: Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

Section 14: Transportation Information

This product is non-regulated for land transport.

Section 15: Regulatory Information

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
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Section 16: Other Information

Date Prepared: 5/30/2019

**Disclaimer**

The information herein is believed to be correct, but does not claim to be all inclusive and should be used only as a guide. Neither the above named supplier nor any of its affiliates or subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist. Our SDS are based only on data available at the time of shipping and are subject to change without notice as new information is obtained. Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated SDS for products that are stored for extended periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective goggles, protective clothing, breathing equipment, face mask, fume hood). For proper handling and disposal, always comply with federal, state and local regulations.