



**SECTION 5: Fire Fighting Measures**

<b>Flash Point:</b>	not applicable
<b>Autoignition Temperature:</b>	none
<b>Explosion Limits:</b>	none
<b>Extinguishing Medium:</b>	carbon dioxide, dry powder
<b>Special Fire Fighting Procedures:</b>	If this product is involved in a fire, firefighters should be equipped with NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.
<b>Hazardous Combustion and Decomposition Products:</b>	If involved in a fire this material may emit toxic organic fumes.
<b>Unusual Fire or Explosion Hazards:</b>	Flammable solid. Evolves flammable cyclopentadiene with water.

**SECTION 6: Accidental Release Measures**

<b>Spill and Leak Procedures:</b>	Small spills can be mixed with vermiculite or sodium carbonate and swept up.
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**SECTION 7: Handling and Storage**

<b>Handling and Storage:</b>	Handle and store the material under an inert atmosphere of nitrogen or argon. Keep away from heat.
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**SECTION 8: Exposure Controls and Personal Protection**

<b>Eye Protection:</b>	Always wear approved safety glasses when handling a chemical substance in the laboratory.
<b>Skin Protection:</b>	Wear appropriate chemical resistant gloves and protective clothing.
<b>Ventilation:</b>	The material will react with air and moisture. Handle under an inert atmosphere of nitrogen or argon.
<b>Respirator:</b>	If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respiratory Protection Program to be in compliance with 29 CFR 1910.134.
<b>Additional Protection:</b>	No additional protection required.

**SECTION 9: Physical and Chemical Properties**

<b>Color and Form:</b>	off-white powder
<b>Molecular Weight:</b>	284.2
<b>Melting Point:</b>	295°C
<b>Boiling Point:</b>	subl. 200°C(vac)
<b>Vapor Pressure:</b>	no data
<b>Specific Gravity:</b>	no data
<b>Odor:</b>	none
<b>Solubility in Water:</b>	insoluble

**SECTION 10: Stability and Reactivity**

<b>Stability:</b>	air and moisture sensitive
<b>Hazardous Polymerization:</b>	no hazardous polymerization
<b>Conditions to Avoid:</b>	Contact with air or water.
<b>Incompatibility:</b>	Water, alcohols, oxidizers, oxygen, halogens, halocarbons, mineral acids.
<b>Decomposition Products:</b>	carbon monoxide, carbon dioxide, yttrium oxide and organic fumes.

**SECTION 11: Toxicological Information**

**RTECS Data:** No information available in the RTECS files.  
**Carcinogenic Effects:** No data available  
**Mutagenic Effects:** No data available  
**Tetratogenic Effects:** No data available

**SECTION 12: Ecological Information**

**Ecological Information:** No information available.

**SECTION 13: Disposal Considerations**

**Disposal:** Dispose of according to local, state and federal regulations.

**SECTION 14: Transportation**

**Shipping Name (CFR):** Flammable solids, Organic, N.O.S.  
**Hazard Class (CFR):** 4.1  
**Additional Hazard Class (CFR):** NA  
**Packaging Group (CFR):** II  
**UN ID Number (CFR):** UN# 1325  
**Shipping Name (IATA):** Flammable solid, Organic, N.O.S.  
**Hazard Class (IATA):** 4.1  
**Additional Hazard Class (IATA):** NA  
**Packaging Group (IATA):** II  
**UN ID Number (IATA):** UN# 1325

**SECTION 15: Regulatory Information**

**TSCA:** Not listed in the TSCA inventory  
**SARA (Title 313):** Title compound not listed  
**Second Ingredient:** none  
**Third Ingredient:** none

**SECTION 16: Other Information**

**Disclaimer:** The information herein is believed to be accurate and reliable as of the date compiled. However, Strem Chemicals, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information contained in this document or any use of the product based on this information.  
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