Section 5 - Fire Fighting Measures

Autoignition Temp: N/A

Extinguishing Media
Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate form.

Firefighting
Protective Equipment
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s)
Emits toxic fumes under fire conditions.

Section 6 - Accidental Release Measures

Methods for Cleaning Up
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

Handling
User Exposure
Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage
Suitable
Keep tightly closed.

Section 8 - Exposure Controls / PPE

Engineering Controls
Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment
Respiratory
Wear dust mask.
Hand
Protective gloves.
Eye
Chemical safety goggles.

General Hygiene Measures
Wash thoroughly after handling.

Section 9 - Physical/Chemical Properties

Appearance
Color
White
Form
Powder
Molecular Weight: 360.35 AMU

pH: N/A
BP/IP Range: N/A
MP/MP Range: 243 °C
Freezing Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Saturated Vapor Conc.: N/A
SG/Density: N/A
Bulk Density: N/A
Odor Threshold: N/A
Volatility: N/A
VOC Content: N/A
Water Content: N/A
Solvent Content: N/A
Evaporation Rate: N/A
Viscosity: N/A
Partition Coefficient: N/A
Decomposition Temp.: N/A
Flash Point 'F: N/A
Flash Point 'C: N/A
Explosion Limits: N/A
Flammability: N/A
Autoignition Temp: N/A
Solubility
   Solvent: 0.1M in NaOH 1M, 20°C, complete, colorless

N/A = not available

Section 10 - Stability and Reactivity

Stability
   Stable.

Materials to Avoid
   Strong oxidizing agents.

Hazardous Decomposition Products
   Hazardous Decomposition Products
   Thermal decomposition may produce carbon monoxide, carbon dioxide, and nitrogen oxides.

Hazardous Polymerization
   Hazardous Polymerization
   Will not occur.

Section 11 - Toxicological Information

Route of Exposure
   Skin Contact
   May cause skin irritation.
   Skin Absorption
   May be harmful if absorbed through the skin.
   Eye Contact
   May cause eye irritation.
   Inhalation
   May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion
   May be harmful if swallowed.

Signs and Symptoms of Exposure
   To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

RTECS Number: AH5760000

Toxicity Data
   Oral - Rat: 3587 mg/kg (LD50)
   Intraperitoneal - Mouse: 150 MG/KG (LD50)

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation
   Contact a licensed professional waste disposal service to dispose of this material.
   Dissolve in a water or a water-based mixture with a combustible solvent and burn in a chemical incinerator equipped with a scrubber and scrubber.

Observe all federal, state, and local environmental regulations.

Section 14 - Transport Information

DOT
   Proper Shipping Name: None
   Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA
   Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15 - Regulatory Information

United States Regulatory Information
   SARA Listed: No

TSCA Inventory Item: Yes

Canada Regulatory Information
   WHMIS Classification
   This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
   DSL: Yes
   NDSL: No

Section 16 - Other Information

Disclaimer
   For R&D use only. Not for drug, household or other uses.

Warranty
   The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2005 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.