



**Section V -- REACTIVITY DATA**

Stability	Unstable		Conditions to Avoid	Excessive heat.
	Stable	X		

Incompatibility (*Materials to Avoid*) **Strong acids, strong reducing agents, combustible materials, mixture of aluminum powder & H2O.**

Hazardous Decomposition or Byproducts **Nitrogen oxides, nitrogen.**

Hazardous Polymerization	May Occur		Conditions to Avoid	N/A
	Will Not Occur	X		

**Section VI -- Health Hazard Data**

Route(s) of Entry: Inhalation? **Yes** Skin? **Yes** Ingestion? **No**

Health Hazards (*Acute and Chronic*) **Target organs: Eyes, skin, respiratory and GI tracts. Acute: May cause eye, skin, upper respiratory tract irritation. Harmful if inhaled, ingested or absorbed through skin. Physical and toxicological properties have not been thoroughly investigated. Chronic: Unknown. May cause methemoglobinemia, cyanosis, convulsions, tachycardia, dyspnea, death.**

Carcinogenicity: NTP? **No** ARC Monographs? **No** OSHA Regulated? **No**

Signs and Symptoms of Exposure **Irritation, nausea, vomiting, diarrhea, coughing, tearing.**

Medical Conditions Generally Aggravated by Exposure **Individuals with pre-existing diseases of the eye, skin, respiratory tract may have increased susceptibility to the toxicity of excessive exposures.**

Emergency and First Aid Procedures **Eyes: Immediately flush with copious amounts of water for at least 15 minutes. Seek medical attention. Skin: Flush with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.**

**Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give O<sup>2</sup>. Ingestion: Wash out mouth with water, if conscious. Obtain medical attention. Never give anything by mouth to an unconscious person.**

**Section VII -- Precautions for Safe Handling and Use**

Steps to Be taken in Case Material is Released or Spilled **Evacuate area. Wear NIOSH/MSHA approved self contained breathing apparatus, rubber boots and heavy rubber gloves. Cover with dry lime or soda ash. Sweep, scoop or pick up spilled material. Place in closed container. Ventilate area and wash spill site after material pickup is complete.**

Waste Disposal Method **Dispose of in compliance with local, state and federal regulations. To a solution of product in water, add an excess of dilute sulfuric acid. Let stand overnight. Remove any insoluble and bury in an approved landfill.**

Precautions to be Taken in Handling and Storing **Handle and store in a cool, dry place. Keep away from combustible materials, heat sparks, and open flame. Avoid storage on wood floors. Protect against physical damage. Keep tightly closed.**

Other Precautions **Avoid breathing dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure. Irritant. Oxidizing. Contact with water combustible material may cause fire. No smoking. Keep out of reach of children.**

**Section VIII -- Control Measures**

Respiratory Protection ( <i>Specify Type</i> )	NIOSH-approved respirator or dust mask in confined areas.	Special	None
Ventilation	Local Exhaust	X	Other None
	Mechanical ( <i>General</i> )	X	
Protective Gloves	Neoprene or polyvinyl chemical resistant gloves.	Eye Protection	Chemical goggles.

Other Protective Clothing or Equipment **Appropriate protective clothing and equipment. Eyewash fountain. Safety shower.**

Work/Hygienic Practices **Observe good industrial hygiene practices and recommended procedures. Wash after handling and before eating or drinking.**