

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Section I – General Information

Section II – Hazardous Ingredients/Identity Information

Section III – Physical/Chemical Characteristics

Section IV – Fire and Explosion Hazard Data

(Reproduce locally)

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid: This product can react violently during the neutralization of acids.
	Stable	X	CO ₂ is evolved during this reaction.

Incompatibility (*Materials to Avoid*) Certain food products or their residues which contain reducing sugars may react to form CO₂ gas. Avoid contact with acids.

Hazardous Decomposition of Byproducts

None known.

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? Yes
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Health Hazards (*Acute and Chronic*)

Inhalation: Upper respiratory irritation. Prolonged exposure to high amounts may cause perforation to nasal Septum. Eyes: May cause severe irritation.

Skin: Primary skin irritant. Can cause chronic skin ulcers with prolonged exposure.

Carcinogenicity N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
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Signs and Symptoms of Exposure: Eyes and Skin: Irritation, redness, burning, eye tearing.

Inhalation: Coughing, irritation to nose, throat and mouth.

Ingestion: Although low in toxicity, may be harmful. Irritation to mouth. May cause coughing and dryness.

Medical Conditions

Generally Aggravated by Exposure Persons with pre-existing eye, skin and respiratory disorders may be susceptible to aggravation due to the irritant nature of product.

Emergency and First Aid Procedures Eyes & Skin: Flush with water for 15 minutes. For eyes or irritation, see physician.

Inhalation: Remove to fresh air. If irritation persists, get medical attention.

Ingestion: DO NOT induce vomiting. Drink large quantities of water to dilute product. Call physician immediately.

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Wear full protective gear to avoid unnecessary contact with product. Sweep up dry chemical to container with cover. Flush residue with water (Caution: Solution gets hot). Neutralize carefully with acid before release to sewer.

Use ventilation because of CO₂ gas evolution.

Waste Disposal Method

Neutralized waste may have to be disposed of by approved contractor, to secured landfill. Follow all local, state, and Federal regulations regarding disposal.

Precautions To Be Taken In Handling And Storing

Avoid eye and skin contact. Avoid inhalation. When dissolving, add to water cautiously, and with stirring, solutions get hot. Store in a cool, dry area away from acids. Prolonged storage may cake product due to moisture.

Other Precautions Keep away from children and persons unfamiliar with its use. Use product only as directed. Handle with care.

Section VIII – Control Measures

Respiratory Protection (*Specify Type*)

Wear NIOSH/MSHA approved dust respirator if dusty conditions exist.

Ventilation	Local Exhaust	Special Additional exhaust/ventilation if excessive dusting occurs.
	Mechanical (<i>General</i>) Adequate	Other

Protective Gloves Impervious gloves	Eye Protection Do not wear contact lenses. Use chemical safety goggles or face shield.
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Other Protective Clothing or Equipment Eye wash & safety shower in work/storage areas. Uniform or coverall, or lab coat or similar to minimize contact with product.

Work/Hygienic Practices Remove contaminated clothing and launder before reuse. Wash well after use and observe good, personal hygiene.