



Respiratory: A NIOSH approved dust respirator shall be used when exposure exceeds the OSHA standard of 15 mg/m<sup>3</sup>.

Other: Washing facilities shall be available.

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### **SECTION III – HEALTH INFORMATION**

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#### ROUTES OF ENTRY

#### PHYSIOLOGICAL AND HEALTH EFFECTS

Eyes:	Will produce pain and irritation.	
Skin:	Slightly irritating.	
Inhalation:	Can cause irritation to mucous membranes, nasal and respiratory passages. Systemic effects are not likely.	
Ingestion:	Large doses cause GI irritation.	
Toxicity:	Oral: Human	LDLo – 500 mg/kg
	Oral: Rat	LDLo – 100 mg/kg

#### EMERGENCY AND FIRST AID PROCEDURES

Eyes:	Immediately flush with large quantities of water for at least 20 minutes. Seek medical attention.
Skin:	Wash thoroughly with water and soap.
Inhalation:	Remove to fresh air. If discomfort continues seek medical attention.
Ingestion:	If person is conscious, dilute stomach contents with water. Seek medical attention.

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### **SECTION IV – REACTIVITY DATA**

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Stability:	Stable salt
Conditions to avoid:	Not applicable
Incompatibility:	Avoid strong oxidizers
Decomposition Products:	None

Hazardous Polymerization: Will not occur.

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**SECTION V – PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance and Odor: White/Gray/Pink crystals or powder. Odorless.

Boiling Point: 1500 degrees Celsius

Melting Point: 776 degrees Celsius (sublimes at 1500°)

Solubility: Soluble in water 25.8% by wt. @20 C, slightly soluble in alcohol, insoluble in absolute alcohol.

Specific Gravity  
H<sub>2</sub>O = 1 : 1.988

Molecular Weight: 74.55

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**SECTION VI – HANDLING AND STORAGE PRECAUTIONS**

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Store in cool, dry well ventilated area. Do not get into eyes. Wash thoroughly after handling.

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**SECTION VII – FIRE PROTECTION INFORMATION**

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NFPA Rating: Flammability: D

Flash Point: Not applicable.

Extinguishing Media: Any suitable for other materials involved.

Flammable Limits  
(by volume in air): Not applicable

Special Firefighting  
Procedures: Wear self-contained breathing apparatus.

Unusual Fire and  
Explosive Hazards: Could emit toxic fumes under fire conditions.

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**SECTION VIII – DEPARTMENT OF TRANSPORTATION REQUIREMENTS**

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This material is not classified as a hazardous material by The Department of Transportation.

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## **SECTION IX – SPILL OR LEAK PROCEDURES**

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### Steps to be Taken in Case Material is Released or Spilled:

Spilled muriate of potash can be reused if kept dry and uncontaminated. After cleanup, contaminated area should be washed down with water. Do not allow washwater to enter drinking water supplies. In the event of spill or washwater entering sewer or waterway, notify sewer authorities or other appropriate agencies.

### Waste Disposal Methods

If uncontaminated, recover and reuse as product. Consult State or Federal regulatory agencies for acceptable disposal procedures and disposal locations.

Reportable Quantities:     None established.

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## **SECTION X – CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN**

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National TCSA Registration:     Yes

National Toxicology Program: Yes                     I.A.R.C. Monograms: No                     OSHA:             No

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### Disclaimer

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