

Section 3: HAZARDS IDENTIFICATION - continued:

Chronic / Long Term Effects: No data.

Signs and Symptoms of Overexposure: Irritation of eyes may cause burning with tearing. Ingestion may cause mild gastrointestinal irritation with nausea, vomiting or diarrhea.

Target Organ Effects: No data.

Reproductive/Developmental Information: No data.

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Section 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

SKIN: Immediately flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

INGESTION: Seek medical attention immediately. Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Never give anything by mouth to an unconscious person.

Section 5: FIRE FIGHTING MEASURES

Flash Point: No flash by standard methods.

Extinguishing Media: Use appropriate methods for combating surrounding fire.

Special Fire Fighting Instructions: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode. Chemical resistant PPE is recommended.

Section 6: ACCIDENTAL RELEASE MEASURES

Small quantities can be flushed down with excess water. Large quantities should be swept up or shoveled into containers for reprocessing or disposal.

Section 7: HANDLING AND STORAGE

Store in a cool, dry area. Avoid breathing dusts. Keep out of reach of children.

Section 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

Eye Protection: Wear safety glasses or goggles.

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Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene)

Respiratory Protection: When respiratory protection is required, wear a dust mask.

Engineering Controls: Use general ventilation.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: White powder with chlorine odor
pH (1% solution): 12.0
Solubility in Water: Complete
Vapor Pressure [mmHg]: n/a
Evaporation Rate (Butyl Acetate=1): n/a
Vapor Density [Air=1]: n/a
Specific Gravity [H2O=1]: n/a
Boiling Point: n/a

Section 10: REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to avoid: High temperature
Hazardous Decomposition Products: CO, CO2
Incompatibility: Acids and oxidizers

Section 11: TOXICOLOGICAL INFORMATION

Sodium Metasilicate: Ingestion: Oral LD50 for rats is 1280 mg/kg

Section 12: ECOLOGICAL INFORMATION

Sodium Carbonate: Daphnia Magna 96hr. LC50 = 265-565 mg/L

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Wastes must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: TRANSPORTATION INFORMATION

D.O.T. Shipping Name / Class:

Corrosive solid, Basic, Inorganic, N.O.S., 8, UN 3262, II
(contains Sodium Metasilicate)

Section 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (Toxic Substances Control Act): The intentional ingredients of product are listed.

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Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic () Fire () Pressure () Reactive () Not Applicable ()

(1) Title III Section 302/304 Extremely Hazardous Substances - 40 CFR 355 Appendix A

(2) Title III Section 313 Toxic Chemicals - 40 CFR 372.65

If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986. This information must be included in all MSDS that are copied and distributed for this material.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s)
None

State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this MSDS, states listed below may have regulations on ingredients contained in this product. Check with your state for any additional regulations.

(3) California proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986)

(4) Massachusetts (Hazardous Substance Disclosure by Employers)

Section 16: OTHER INFORMATION

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

Disclaimer: The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.