Material Safety Data Sheet

Section I - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))

Sodium Metasilicate
CAS# 6834-92-0

Acid
KIA
NIA

Section II - Physical/Chemical Characteristics

Boiling Point:
Vapor Pressure (mm Hg):
Vapor Density (AIR = 1):
Solubility in Water:
Up to 10% by weight:
Appearance and Odor:

Light blue/green, waxy solid, pleasant odor.

Section IV - Fire and Explosion Hazard Data

Flammable Limits: None
Flash Point (Method Used): None
Extinguishing Media: Water, CO2, Dry chemical.

Special Fire Fighting Procedures: None

NFPA 45/PLAT (NFPA 704):

- Health: 1
- Flammability: 4
- Reactivity: 1

NFPA:

- Health Hazard: 1
- Flammability Hazard: 4
- Reactivity Hazard: 1

5-10-99
Section V - Reactivity Data

**Stability** | **Unstable** | **Conditions to Avoid**
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Stable |   | X | Do not store above 100°F.

**Incompatibility (Materials to Avoid)**
None

**Hazardous Decomposition or Byproducts**
None

**Hazardous Polymerization**
May Occur | Conditions to Avoid
--- | ---
Will Not Occur |   |

Section VI - Health Hazard Data

**Route(s) of Entry** | **Inhalation?** | **Skin?** | **Ingestion?**
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NO | NO | Not probable

**Health Hazards (Acute and Chronic)**
**ACUTE** - irritation to eyes & skin, distress to digestive tract, diarrhea.

**CHRONIC** - NIA

**Cardiogenicity**
NTP: NIA

**IARC Monographs?** | **OSHA Regulated?**
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NIA | NIA

**Signs and Symptoms of Exposure**
**EXTERNAL** - redness of skin or eyes, burning sensation.

**INTERNAL** - foul taste, burning sensation in mouth & throat.

**Medical Conditions Generally Aggravated by Exposure**

**Open Sores or Wounds**

**Emergency and First Aid Procedures**
**EXTERNAL** - thoroughly rinse with water for at least 15 minutes. Get medical attention immediately.

**INTERNAL** - drink a large quantity of milk, raw eggs or water. Get immediate medical attention.

Section VII - Precautions for Safe Handling and Use

**Steps to Be Taken in Case Material is Released or Spilled**
Wipe up spilled material. Solid waste can be disposed of in a solid waste container. Rinse affected area thoroughly.

**Waste Disposal Method**
Can be rinsed to sanitary sewer in accordance with local regulations.

**Precautions to Be Taken in Handling and Storage**
No unusual precautions needed. Store below 100°F.

**Other Precautions**
No unusual measures needed.

Section VIII - Control Measures

**Respiratory Protection (Specify Type)**
Not required.

**Ventilation** | **Local Exhaust** | **Special**
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NIA | NIA | NIA

**Mechanical (General)** | **Other**
--- | ---
NIA | NIA

**Protective Gloves**
Rubber or vinyl recommended | Eye Protection
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NIA | Safety glasses, goggles recommended.

**Other Protective Clothing or Equipment**
Not required.

**Work/Hygiene Practices**
Always wash hands after handling.

For: PS triene, SBI/ESI, Laundry, etc.