

# OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

**Section 1**

**MATERIAL SAFETY DATA SHEET # 33**  
**For Heat's Sake**



**MATERIAL SAFETY INFORMATION SERVICE**

Hercules Chemical Company Inc.  
 111 South Street  
 Passaic NJ 07055  
 Phone (800) 221-9330  
 Fax (800) 333-3456

Date Prepared: 3/7/1994 Last Reviewed: 3/7/1994

Meets OSHA 29 CFR 1910.1200

**Section 2 - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)

OSHA PEL

ACGIH TLV

Other Limits

Upper Bound Limit if SARA Reportable

\*Totally encapsulated in wet paste. Does not present any respirable dust hazard.

Sodium silicate (1344-09-8)

N/E

N/E

N/A

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\*Silicon dioxide (14808-60-7)

N/A

N/A

N/A

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**HMIS Hazard Rating:** Health: 2 Flammability: 0 Reactivity: 0 Personal Protection: A

**Section 3 - Physical/Chemical Characteristics**

Boiling Point (°C):

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

Vapor Density (Air = 1):

Vapor Pressure (mm Hg):

N/A

1.75

N/A

N/A

Melting Point (° F)

Evaporation Rate: (Butyl Acetate = 1)

Solubility in Water:

N/A

Slightly soluble in water and water miscible

Appearance And Color:

Beige colored paste

Odor: None

**Section 4 - Fire And Explosion Hazard Data**

Flash Point:

Flammable Limits:

LEL:

UEL:

N/A

N/A

**Extinguishing Media:** Non-Flammable, use appropriate media for surrounding fires.

**Special Firefighting Procedures:**

None

**Unusual Fire And Explosion Hazards:**

None

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**Section 5 - Reactivity Data**

Stability: Stable                      Conditions To Avoid: None

Incompatibility (Materials To Avoid): This product is alkaline. Avoid contact with acidic materials.

Hazardous Decomposition: None

Hazardous Polymerization: Will Not Occur

**Section 6 - Health Hazard Data**

Routes of Entry: Inhalation N/A                      Skin YES/Primary                      Ingestion YES/Secondary

**Health Hazards:**

Prolonged contact with skin can cause irritation. Contact with eyes or open abraded skin can cause severe irritation with superficial destruction of tissue.

Carcinogenicity:    NTP NO                      IARC NO                      OSHA Regulated NO

**Signs And Symptoms of Exposure:**

Will cause skin irritation on continued contact

**Medical Conditions Generally Aggravated By Exposure:**

None known

**Emergency And First Aid Procedures:**

INGESTION: Do not induce vomiting. Dilute with water. Get medical attention. SKIN: Wash with plenty of water for at least 15 minutes. EYES: Flush the material out immediately with plenty of water. Get medical attention.

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**Section 7 - Precautions For Safe Handling And Use:**

**Steps To Be Taken In Case Material Is Released Or Spilled:**

This material is in the form of paste. Use absorbent material and sweep up.

**Waste Disposal Method:**

Non-hazardous landfill

**Precautions To Be Taken In Handling And Storing:**

None

**Other Precautions:**

None

**Section 8 - Control Measures:**

**Respiratory Protection:**

None required

**Ventilation:** Local Exhaust Adequate  
 Mechanical N/A

**Special** N/A

**Gloves:** Rubber gloves

**Other:** N/A

**Eye Protection:** Goggles

**Other Protective Clothing:** Standard work clothing.

**Work/Hygienic Practices** Wash thoroughly after handling.

DISCONTINUED



**MATERIAL SAFETY INFORMATION SERVICE**

**FACTS**  
*axed*  
**AST!**

For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.