

EXTREME HEAT

SECTION I

HARVARD CHEMICAL RESEARCH, INC.

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Date: 10/12/05

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SECTION II HAZARDOUS INGREDIENTS/INFORMATION

| HAZARDOUS COMPONENTS | CAS# | OSHA / PEL | ACGIH / TLV | OTHER / STEL | SK |
|----------------------|-----------|------------|-------------|--------------|----|
| SODIUM SILICATE | 6834-92-0 | N/D | N/D | | |

NOTE: AN '*' UNDER 'SK' (SKIN) INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT.

SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A Powder
Vapor Pressure (mm Hg): NA
Vapor Density (Air=1): NA
Solubility in Water: COMPLETE
Appearance and odor: Green powder with pleasant odor
Specific Gravity (H2O=1): 1.15
Melting Point: NA
Evaporation Rate:(Butyl Acetate=1) NA

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):NONE
Extinguishing Media: N/A
Special Fire Fighting Procedures: Do not enter confined fire space with out proper protective equipment including a NIOSH approved self contained breathing apparatus.
Explosion Hazards: NONE
Flammable Limits:LEL: N/A UEL: N/A

SECTION V-REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Do not mix with strong acids.
Hazardous Decomposition or Byproducts: Heat, carbon dioxide, and carbon monoxide.
Hazardous Polymerization: Will not occur.

SECTION VI-HEALTH HAZARD DATA

Health Hazards (Acute and Chronic): NONE KNOWN
Routes of Entry, Signs of Exposure, and Symptoms of Exposure:
SKIN and EYES: Severe irritant to eyes.
INHALATION: Irritation to respiratory system
INGESTION: Gastric pain and vomiting.
Medical Conditions Generally Aggravated by Exposure: Unknown
Carcinogenic: NONE
Emergency and First Aid Procedures:
SKIN & EYE CONTACT: Rinse skin with clear water. For eye contact immediately flush with clear running water for 15 minutes. Get medical attention.
INHALATION: Remove to fresh air. If breathing does not return to normal, get medical attention.
INGESTION: Immediately drink large quantities of water. Get medical attention.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

SPILLS: Shovel up into open head drum and dispose in accordance with federal and state regulations.
Handling and Storing: Keep container closed when not in use. Do not freeze. Follow label instructions.
Other Precautions: Keep this and all chemicals out of the reach of children.

SECTION VIII-CONTROL MEASURES

Respiratory Protection (Specify Type): For exposure above established limits (see section II) use NIOSH/MSMA approved dust/mist mask.
Ventilation: Mechanical: Recommended.
Protective Gloves: Rubber or neoprene.
Eye Protection: Safety Glasses.
Other Protective Clothing or Equipment: Drenching safety shower and eye wash station.

SECTION IX-ADDITIONAL INFORMATION