

Material Safety Data Sheet

#156

SECTION I — IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name	HILLYARD CHEMICAL COMPANY	Product Name	SUPER GREASE BUSTER
Address	302 North Fourth Street St. Joseph, MO 64502	Date Prepared	June 18, 1986
Emergency Telephone No. And Other Information Calls	(816) 233-1321	Prepared by Regulatory Affairs Department	

SECTION II — HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity: Common Name(s))	CAS #'s	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Option)
Sodium metasilicate	6834-92-0	2 mg/M ³	2 mg/M ³	N/A	5-10

SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	210°F	Specific Gravity (H ₂ O = 1)	1.044
Vapor Pressure (mm Hg.)	N/A	Percent Volatile By Volume (%)	89-90
Vapor Density (AIR = 1)	> 1	Evaporation Rate (water = 1)	> 1
Solubility in Water	complete	Appearance and Odor	clear, odorless liquid

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
none to boiling (T.C.C.)		N/A	N/A
Extinguishing Media			
water, carbon dioxide, dry chemical or foam			
Special Fire Fighting Procedures			
N/A			

Unusual Fire and Explosion Hazards
N/A

SECTION V — PHYSICAL HAZARDS

Stability Unstable ☐ Conditions
 Stable ☒ to Avoid Do not mix with anionic cleaners.

Incompatibility

(Materials to Avoid)

oxidizing materials

Hazardous Decomposition

Products Or Byproducts

Carbon dioxide, carbon monoxide, ammonia, nitrous oxide (trace)

Hazardous

Polymerization

May Occur ☐

Will Not Occur ☒

Conditions

To Avoid

N/A

SECTION VI - HEALTH HAZARD DATA

Routes of Entry: Inhalation? ☒ yes Skin? ☒ yes Ingestion? ☒ yes

Health Hazards (1. Acute and 2. Chronic)

1. Concentrate is corrosive to all body tissue with which it comes in contact.

2. Prolonged and repeated exposure to the skin may produce dermatitis. Inhalation of spray mist may result in varying degrees of irritation.

Chemical Listed as Carcinogen ☐ National Toxicology Program ☐ Yes ☒ No ☒ I.A.R.C. Monographs ☐ Yes ☒ No ☒ OSHA ☐ Yes ☒ No ☒

Signs and Symptoms of Exposure

Concentrated product may produce skin and eye burns. Ingestion may produce burns of mucous membranes of the mouth, throat, esophagus and stomach.

Medical Conditions

Generally Aggravated by Exposure

Skin problems such as industrial dermatitis

Emergency and First Aid Procedures

In case of contact immediately flush eyes and skin with plenty of water for at least 15 minutes; remove contact lenses and again flush eyes with water; GET MEDICAL ATTENTION.

Remove all contaminated clothing and shoes, wash before reuse. If swallowed, drink milk, egg whites, gelatine solution or if not available drink large quantities of water. Call physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**Steps To Be Taken In Case Material Is Released Or Spilled**

Small spills: flush with water and pick up with mop or wet vac. Large spills may be absorbed with floor dry material.

Waste Disposal Method

Dispose of in accordance with state and local regulations. Since pH of conc. is 12.5-13.5 this falls within the definition of corrosive per EPA Hazardous Waste Classification.

When diluted with normal tap water for use to below pH of 12.5, is not EPA Haz. Waste.

Precautions To Be Taken In Handling And Storing

Keep container closed when not in use. Triple rinse package before discarding when empty.

Other Precautions

Spray mist may produce respiratory irritation or damage without proper ventilation. Do not use with fog mist sprayer without respiratory protection.

SECTION VIII - CONTROL MEASURES**Respiratory Protection (Specify Type)**

Ventilate to keep air below TLV on metasilicate.

Local Exhaust	Mechanical (General)	Special	Other
ventilation at least 10 air chgs./hr. recommended	N/A	recommended	N/A

Protective Gloves ☒ impervious gloves when working with conc. Eye Protection ☒ chemical safety goggles with conc.

Other Protective Clothing Or Equipment

clothing impervious to water and alkaline liquids where contact with conc. is a concern

Work/Hygienic Practices

Wash thoroughly after handling.

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