

Material Safety Data Sheet

#151

SECTION I — IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name

HILLYARD CHEMICAL COMPANY

Product Name

POWER-STRIP

Address

302 North Fourth Street
St. Joseph, MO 64502

Date Prepared

June 17, 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)
Monoethanolamine	141-43-5	3 ppm	3 ppm	N/A	3-5
Sodium metasilicate	6834-92-0	2 mg/M ³	2 mg/M ³	N/A	5-10

SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	200°F	Specific Gravity (H ₂ O = 1)	1.06
Vapor Pressure (mm Hg.)	N/A	Percent Volatile By Volume (%)	91.8
Vapor Density (AIR = 1)	> 1	Evaporation Rate (<u>butyl acetate</u> = 1)	> 1
Solubility in Water	complete	Appearance and Odor	clear red liquid; non-objectionable odor

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

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

Unusual Fire and Explosion Hazards
N/A

SECTION V — PHYSICAL HAZARDS

Stability Unstable ☐ Stable ☒ Conditions to Avoid N/A

Incompatibility

(Materials to Avoid)

Oxidizing materials

Hazardous Decomposition

Products Or Byproducts

None known to manufacturer

Hazardous

Polymerization

May Occur

Will Not Occur ☒

Conditions

To Avoid

N/A

SECTION VI - HEALTH HAZARD DATA

Route(s) 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 or Potential Carcinogen: National Toxicology Program Yes ☐ No ☒ IARC 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 or 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

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

PHYSICIAN

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 definition of corrosive per EPA Hazardous Waste classification. When diluted with normal tap water for use to below pH of 12.5 is not an EPA hazardous 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 and monoethanolamine.

Ventilation 10 air Local Exhaust Mechanical (General) Special Other
chgs/hr recommended recommended recommended N/A N/A

Protective Gloves

impervious gloves when working with conc.

Eye Protection

chemical safety goggles when working with conc

Other Protective Clothing Or Equipment

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

Work/Hygienic Practices

Wash thoroughly after handling.

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