

MATERIAL SAFETY DATA SHEET

NFPA RATING: Health = 0 Flammability = 0 Reactivity = 0

HMIS RATING: Health = 0 Flammability = 0 Reactivity = 0

SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION *(368N76A)

Manufacturer's Name: HILLYARD INDUSTRIES

Product Name: SOIL-STOP

Address: 302 North Fourth Street

Date Prepared: February 8, 2010 (version 2)

St. Joseph, MO 64501

Prepared by: Regulatory Affairs Department

Emergency Telephone No.: (800)-424-9300 (Only in the event of chemical emergency involving a spill, leak, fire, exposure or accident involving chemicals.)

Other information calls: (816) 233-1321 (Ext. 8285)

<http://www.hillyard.com>

SECTION II -- INGREDIENTS/IDENTITY INFORMATION**Components**

(Specific Chemical Identity:

Common Name(s)	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Water	7732-18-5	none	none	N/A	---
Sulfonated resin	unknown to Hillyard	N/E	N/E	N/A	---

***SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point: corr. 203°F **Specific Gravity (H₂O = 1):25°C =** 1.04 ***Density =** 8.56 lbs/gal.
Vapor Pressure (mm Hg.): 17.5 ***Percent Volatile by Weight (%):** 87.5 – 88.5
Vapor Density (AIR = 1): 0.6 **Evaporation Rate (ethyl ether = 1):** slower than 1
Solubility in Water: appreciable **Appearance and Odor:** tan, opaque liquid; non-objectionable odor

***pH (concentrate) =** 5.5 – 6.5

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: None to boiling (Tag Closed Cup) **Flammable Limits:** LEL = N/A UEL = N/A

Extinguishing Media: Use dry chemical or CO₂ when suitable for nearby material involved in fire.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION V -- PHYSICAL HAZARDS

Stability: Stable **Conditions to Avoid:** N/A

Incompatibility (Materials to Avoid): None known to Hillyard

Hazardous Decomposition Products or Byproducts: None known to Hillyard

Hazardous Polymerization: Will not occur **Conditions to Avoid:** N/A

SECTION VI -- HEALTH HAZARD DATA

Routes of entry: Inhalation? No Skin? No Ingestion? No

HEALTH HAZARDS (1. Acute and 2. Chronic)

1. When tested per FHSA, CFR 16, Chpt. IIc, para. 1500.41 & 1500.42, it was found not to be a primary skin or eye irritant. Product was not acutely toxic at 5 gm/kg. Not considered acutely toxic after 1 hr exposure at a constant 11 mg/1. (actual concentration).

2. None known

Chemical listed as Carcinogen or Potential Carcinogen:

National Toxicology Program = No **I.A.R.C. Monographs =** No **OSHA =** No

This product has no carcinogens listed by IARC, NTP, NIOSH, or ACGIH as of this date, greater than or equal to 0.1%.

SECTION VI -- HEALTH HAZARD DATA cont.

Signs and Symptoms of Exposure: None known

Medical Conditions Generally Aggravated by Exposure: None known to Hillyard

Emergency and First Aid Procedures: If splashed into eyes flush with water.

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Prevent liquid from entering storm sewers, waterways or low areas. Soak up with absorbent oil dry, sawdust or sand. Shovel or sweep up. Place into container for disposal.

Waste Disposal Method: No special methods; follow all applicable federal, state or local requirements regarding non-hazardous materials. Waste from normal product use may be sewerred in a public-owned treatment works in compliance with applicable federal, state and local requirements.

Precautions To Be Taken In Handling And Storing: Freezing of product may rupture container and adversely affect quality. Product shelf life is best retained at 49-90°F temperatures.

Other Precautions: In spray applications, use airless type pressure spray equipment under 60 psi or garden spray (pump-up type without fog mist). Use exhaust ducts, drip pans and other design features to minimize worker exposure to airborne mists and overspray. This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Section 313 of SARA Title III Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR Part 372.

SECTION VIII -- CONTROL MEASURES

Respiratory Protection (Specify Type): None required if good ventilation is maintained. High efficiency filter respirator should be used if potential exists for respirable particles. Do not apply with airless sprayer over 60 psi.

Ventilation: 10 air changes per hour

Local Exhaust = Suggested **Mechanical (General) =** Suggested **Special =** N/A **Other =** N/A

Protective Gloves: None required

Eye Protection: None required

Other Protective Clothing or Equipment: None required

Work / Hygienic Practices: Do not take internally; wash contaminated clothing before reuse.

SECTION IX - TRANSPORTATION INFORMATION

Applicable Regulations: DOT = No; IMCO = No; IATA = No.

Proper shipping name: Cleaning compound

UN NO.: not applicable

Limited Qty.: not applicable

Hazard Class: not applicable

Labels required: not required **DOT Exception:** not applicable

EPA Hazardous waste number/code: not listed

Hazardous waste characteristics:

Ignitability = not applicable; **Corrosivity =** not applicable; **Reactivity =** not applicable

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