

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 (0904A)

Manufacturer's Name: HILLYARD INDUSTRIES

Product Name: CARPET SPOTTER GEL

Address: 302 North Fourth Street

Date Prepared: June 25, 1998

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	OTHER LIMITS RECOMMENDED	%
Water	7732-18-5	none	none	N/A	---
Propylene Glycol N-Propyl Ether	1569-01-3	not established	not established	N/A	---
VOS = 0.34 lbs./gal. for concentrate; VOS = less than 1% diluted					

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 203°F (corrected) **Specific Gravity (H₂O = 1):** 25°C = 0.996 & 39°C = 0.998

Vapor Pressure (mm Hg.): 17.4 **Percent Volatile by Volume (%):** 98.4 (approx.)

Vapor Density (AIR = 1): 0.7 **Evaporation Rate (ethyl ether = 1):** slower than 1

Solubility in Water: complete **Appearance and Odor:** Hazy, semi-viscous opaque liquid; non-objectionable odor

pH (concentrate) = 9-10

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash point: None (T.C.C.) **Flammable Limits:** LEL = N/A UEL = N/A

Extinguishing Media: Water, carbon dioxide or foam

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

SECTION V – PHYSICAL HAZARDS

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

Incompatibility (Materials to Avoid): Avoid strong oxidizing agents or strong mineral acids and catatonic products.

Hazardous Decomposition Products or Byproducts: As with any organic material, combustion will produce carbon dioxide, carbon monoxide, water, and unidentified organic compounds.

Hazardous Polymerization: Will not occur **Conditions to Avoid:** None known

SECTION VI – HEALTH HAZARD DATA

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

HEALTH HAZARDS (1. Acute and 2. Chronic)

1. Not a primary eye or skin irritant per FHSA Method 16 CFR 1500; prolonged skin contact with concentrate may cause slight to moderate irritation. Concentrated product was not acutely toxic (oral) to laboratory rats at 5 g/kg per upper limit testing. Concentrated product was not acutely toxic on inhalation study with 1-hour exposure at a nominal concentration of 30 mg./L. (actual concentration of 10.8 mg./L).

2. None known to Hillyard Industries.

SECTION VI – HEALTH HAZARD DATA continued

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%.

Signs and Symptoms of Exposure: None known to Hillyard Industries.

Medical Conditions Generally Aggravated by Exposure: None known to Hillyard Industries.

Emergency and First Aid Procedures: In case of contact, immediately flush eyes with plenty of water.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Pick up with mop or wet vac and wash away with water. Spills of concentrate should be picked up with wet vac and rinsed thoroughly.

Waste Disposal Method: Wash down to public owned treatment works (POTW) sewer with large quantity of water in compliance with applicable federal, state and local regulations. Container disposal: Triple rinse (or equivalent) then offer clean, dry container for recycling or reconditioning.

Precautions To Be Taken In Handling And Storing: Freezing of product may rupture container. Product shelf life is best retained by storage at 45-100°F temperature.

Other Precautions: 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 CFR Part 372.

SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type): Not required

Ventilation:

Local Exhaust = Not required Mechanical (General) = N/A Special = N/A Other = N/A

Protective Gloves: None required Eye Protection: None required

Other Protective Clothing or Equipment: None required

Work / Hygienic Practices: Wash thoroughly after handling.

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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