

**MATERIAL SAFETY DATA SHEET**

NFPA RATING: Health = 1 Flammability = 0 Reactivity = 0  
 HMIS RATING: Health = 1 Flammability = 0 Reactivity = 0

**SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION** \*(490N-08A)

Manufacturer's Name: HILLYARD INDUSTRIES Product Name: CARPET SPOTTER  
 Address: 302 North Fourth Street Date Prepared: March 22, 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	---
Propylene Glycol N-Propyl Ether	1569-01-3	N/E	N/E	N/A	---
Potassium Dodecyl Benzene Sulfonate	27177-77-1	None	none	N/A	---

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

Boiling Point: 204°F \*Specific Gravity (H<sub>2</sub>O = 1): 25°C = 1.001 \*Density = 8.34 lbs/gal.  
 Vapor Pressure (mm Hg): 17.4 \*Percent Volatile by Weight (%): 96.5 - 97.5%  
 Vapor Density (AIR = 1): 0.8 Evaporation Rate (ethyl ether = 1): slower than 1  
 Solubility in Water: complete Appearance and Odor: Semi-hazy, water white liquid, non-objectionable odor  
 \*pH = 10 - 11.5

**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: Foam, dry chemical, carbon dioxide, water spray.  
 Special Fire Fighting Procedures: None known to manufacturer.  
 Unusual Fire and Explosion Hazards: Keep container closed when not in use.

**SECTION V -- PHYSICAL HAZARDS**

Stability: Stable Conditions to Avoid: None known to Hillyard Industries.  
 Incompatibility (Materials to Avoid): Strong oxidizing materials  
 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. When tested according to the Federal Hazardous Substance Act concentrated product was not considered to be a skin irritant; prolonged contact with the concentrate may produce severe skin irritation. When tested according to the Federal Hazardous Substance Act concentrate was considered to be a primary eye irritant. Acute oral toxicity on concentrated product is greater than 5 g/kg. Concentrated product was not shown to be acutely toxic when administered at a nominal concentration of 37.9 mg./L (Actual concentration of 23.7 mg./l). 2. None known by Hillyard Industries.

**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:** Respiratory tract irritations may be aggravated by nuisance dust from excess dried solids.

**Emergency and First Aid Procedures:** In case of contact, immediately flush eyes or skin with plenty of water for 15 minutes. If skin irritation persists, get medical attention. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

**SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps To Be Taken In Case Material Is Released Or Spilled:** Large spill: Absorb with an inert material such as sand, earth or vermiculite. Small spill: Pick up with wet vac or mop.

**Waste Disposal Method:** Dispose of waste in accordance with 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:** Prevent product from entering drinking water supplies or streams.

**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 40 CFR Part 372.

**SECTION VIII -- CONTROL MEASURES**

**Respiratory Protection (Specify Type):** None required when used per label directions.

**Ventilation:**

**Local Exhaust =** Not necessary **Mechanical (General) =** Recommended **Special =** N/A **Other =** N/A

**Protective Gloves:** If prolonged or repeated contact is possible, wear rubber or other impervious gloves.

**Eye Protection:** Safety goggles when using concentrate.

**Other Protective Clothing or Equipment:** Wear trousers and long sleeved shirt.

**Work / Hygienic Practices:** Wash thoroughly after handling.

**SECTION IX - TRANSPORTATION INFORMATION**

**Applicable regulations:** 49 CFR = 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

**DISCLAIMER OF WARRANTIES**

**NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY NATURE ARE MADE WITH RESPECT TO THE PRODUCT(S) OR INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET.**

The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is presented in good faith and is believed to be appropriate and accurate.

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