

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 (0905A)

Manufacturer's Name: HILLYARD INDUSTRIES

Product Name: CARPET SPOTTER

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. 2303)

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	not established	not established	N/A	—

VOS = 0.5 lbs./gal. for concentrate; VOS = less than 1% diluted

SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 212°F	Specific Gravity (H ₂ O = 1): 25°C = 1.00 & 39°C = 1.00
Vapor Pressure (mm Hg.): 17.4	Percent Volatile by Volume (%): 99
Vapor Density (AIR = 1): 0.7	Evaporation Rate (ethyl ether = 1): slower than 1
Solubility in Water: appreciable	Appearance and Odor: off-white semi-transparent liquid; non-objectionable odor
pH (concentrate) = 9.0-10.0	

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: Decomposition products under fire conditions: carbon monoxide, carbon dioxide, oxides of nitrogen.

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)

- Based on product testing, not an eye or skin irritant per FHSA, CFR 16, chapter IIc, paragraph 1500.41 and 1500.42. Per acute oral toxicity testing: 0 mortality at 5 g/kg.; acute inhalation (1 hr) toxicity limit test = 0 mortality at 23.9 mg/l actual concentration (nominal concentration of 47.4 mg./L.).
- None known to 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%.

SECTION VI -- HEALTH HAZARD DATA cont.

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

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 910.1200 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.

THE BUYER OR USER ASSUMES ALL RISKS ASSOCIATED WITH THE USE, MISUSE OR DISPOSAL OF THIS PRODUCT. THE BUYER OR USER IS RESPONSIBLE TO COMPLY WITH ALL FEDERAL, STATE OR LOCAL REGULATIONS CONCERNING THE USE, MISUSE OR DISPOSAL OF THESE PRODUCTS.

HILLYARD CARPET SPOTTER

*The High Performance Spotter For Removing Alkaline
And Acidic Spills From Carpets, Rugs, And Upholstery*

High Performance Spot Removal

Carpet Spotter is a high performance spotting solution that's phosphate free and easy to use. Carpet Spotter is formulated with heavy duty surfactants and solvents designed to penetrate to the carpet backing to remove spills before they can become stains. It penetrates and loosens oil and water-based soils quickly for fast removal. Carpet Spotter delivers strong spotting power, yet it is safe to use on Advanced 5th Generation Stain Resistant carpets.

No Guesswork

Carpet Spotter works on a wide range of alkaline and acidic spots. If in doubt about the spill, just reach for Carpet Spotter. It is perfect for beer, egg, coffee*, food coloring*, fruit juice*, milk, perfume, soft drinks, and tea*. Check the Hillyard Carpet Spotting Solutions Chart for more spot removal information.

Ready To Use

Ready-to-use Carpet Spotter is conveniently packaged in quarts and one gallon containers. It is also available in Arsenal™ Hil-Pac™ pouches and gallon containers. Ask your Hillyard sales consultant about Carpet Spotter and the entire line of quality Hillyard Carpet Solutions. Just another example of high quality from Hillyard.

**Precede Carpet Spotter treatment with Carpet Debrowner II.*



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HILLYARD CARPET SPOTTER

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READY TO USE - PHOSPHATE FREE
FOR REMOVAL OF COFFEE, SOFT DRINKS, TEA, ICE CREAM, MILK PRODUCTS,
AND SIMILAR SPILLS THAT HAVE PENETRATED CARPET FIBERS

DIRECTIONS

- 1) Place Wet Floor sign near spot.
- 2) Test for colorfastness and effect on texture on an inconspicuous area before applying to spot.
- 3) Remove spots as soon as possible. Apply Carpet Spotter to spot and allow to set for a minute.
- 4) Agitate with a bone scraper.
- 5) Blot with absorbent toweling. Repeat steps 3 and 4 if necessary.
- 6) Rinse with water and blot dry with absorbent toweling. If available, rinse with an extractor until all residue is removed. NOTE: For optimal removal of coffee spots, precede Carpet Spotter treatment with Hillyard Carpet Debrowner II.
- 7) Allow area to thoroughly dry before removing Wet Floor sign. An air blower will aid in this drying process.

DISPOSAL: Buyer assumes all risk and liability associated with disposal of this product (original concentration or dilution) in violation of applicable law.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer clean, dry container for recycling or reconditioning.

DISCLAIMER OF WARRANTY

Seller makes no warranty of any kind, express or implied, except that this product shall be of seller's standard quality.

VOS = 0.34 lbs./gal. with water

HMIS Rating: Health = 0, Flammability = 0, Reactivity = 0

CONTAINS: WATER (CAS #7732-18-5) and PROPYLENE GLYCOL N-PROPYL ETHER (CAS #1569-01-3).

See Material Safety Data Sheet for additional information.

0500

TECHNICAL DATA

PHYSICAL PROPERTIES

- | | |
|-----------------------------------|-----------------------|
| 1. Color | Opacified water white |
| 2. Odor | Unscented |
| 3. Clarity | Translucent |
| 4. Sediment | None |
| 5. Viscosity, Gardner, 25°C | A4 |
| 6. Weight per gallon | 8.34 lbs (3.8 kg) |
| 7. Solubility in water | Readily dispersible |
| 8. pH | 9.0 - 10.0 |
| 9. Phosphate content | None |

- | | |
|--|---------------|
| 10. Free ammonia | None |
| 11. Specific gravity @ 25°C | 1.00 |
| 12. Heat stability (30 days, 52°C) | No separation |
| 13. Flash point (TCC) | None |
| 14. Butyl content | None |

TEST METHODS

- | | |
|---------------|---------------|
| 5. ASTM D803 | 6. ASTM E70 |
| 6. ASTM D1475 | 11. ASTM D891 |
| 7. ASTM D2834 | 13. ASTM D56 |

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