

H90704

#907

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 (538N-74A)**Manufacturer's Name:** HILLYARD INDUSTRIES**Product Name:** CARPET DEBROWNER II**Address:** 302 North Fourth Street**Date Prepared:** January 16, 2007

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.	---
Linear Primary Alcohol Ethoxylate	68439-46-3	not established	not established	N.A.	---

VOS = 0.15 lbs/gal.

SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 21-22°C
Vapor Pressure (mm Hg.): 17.5
Vapor Density (AIR = 1): 6.0
Solubility in Water: Complete
pH (concentration): 1.0 - 2.0

Specific Gravity (H₂O = 1): 25°C = 1.00 & 39°C = 1.00
Percent Volatile by Volume (%): 99%
Evaporation Rate (ethyl ether = 1): less than 1
Appearance and Odor: Clear water white liquid; no odor.

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: None (T.C.C.)
Flammable Limits: LEL = N.A. UEL = N.A.
Extinguishing Media: Water fog, carbon dioxide or dry chemical
Specific Fire Fighting Procedures: None known to Hillyard.
Unusual Fire and Explosion Hazards: None known to Hillyard.

SECTION V -- PHYSICAL HAZARDS

Stability: Stable
Conditions to Avoid: None known to Hillyard.
Incompatibility (Materials to Avoid): Alkali, strong oxidizing agents. Mixing with strong caustic can cause reaction.
Hazardous Decomposition Products or Byproducts: Combustion can produce carbon dioxide and/or carbon monoxide.
Hazardous Polymerization: Will not occur. **Conditions to Avoid:** None known to Hillyard.

SECTION VI -- HEALTH HAZARD DATA

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

HEALTH EFFECTS (Acute and Chronic)

Based on product testing, not a skin irritant per FHSA, CFR 16; however, it did induce mild irritation. The product was found to be a primary eye irritant per FHSA, CFR 16. Per acute oral toxicity testing: 0 mortality at 5 g/kg. Per acute inhalation (LC50) toxicity limit test = 0 mortality at 27.2 mg/l actual concentration (nominal concentration of 33.6 mg/L). None known to Hillyard.

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 I.A.R.C., NTP, NIOSH, or ACGIH as of this date, greater than or equal to 0.1%.

SECTION VI -- HEALTH HAZARD DATA continued

Signs and Symptoms of Exposure: Ingestion may cause throat irritation.

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

Emergency and First Aid Procedures: In case of contact immediately flush with plenty of water for 15 minutes. For eyes, get medical attention. If skin irritation persists get medical attention. If ingested, do not induce vomiting; drink one to two glasses of milk or water. Get medical attention.

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb large spills with floor dry material. Small spills may be flushed with water and picked up with mop or wet vacuum.

Waste Disposal Method: Dispose of in accordance with state and local regulations.

Precautions To Be Taken In Handling And Storing: Keep container closed when not in use.

Other Precautions: Do not dispose of in storm drains or streams. 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 1991 and 40 CFR Part 372.

SECTION VIII -- CONTROL MEASURES

Respiratory Protection (Specify Type): None normally required. If exposed to fine droplets of less than 15 microns or dust, a NIOSH/MSHA approved respirator should be worn.

Ventilation: 10 air changes per hour recommended.

Local Exhaust = Not applicable **Mechanical (General) =** Not applicable **Special =** N.A. **Other =** N.A.

Protective Gloves: None required with normal use of product.

Eye Protection: Splash goggles recommended.

Other Protective Handling or Equipment: None required with normal use of product.

Work / Hygiene Practices: Wash thoroughly after handling.

SECTION IX -- REGULATORY INFORMATION

Applicable regulations: 49 CFR = yes; IMCO = no; IATA = no.

Proper shipping name: Chemical compound

UN No.: 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 REPRESENTATION 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, the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is believed to be appropriate and accurate.

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