

AUG 19 1994

#442

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 (0596A)

Manufacturer's Name: HILLYARD INDUSTRIES

Product Name: CARPET ANTI-STAT

Address: 302 North Fourth Street

Date Prepared: May 10, 1994

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. 303)

SECTION II – INGREDIENTS/IDENTITY INFORMATION

Components (Specific Chemical Identity: Common Name(s))	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Water	7732-18-5	N/A	N/A	N/A	---
Alkylolamine methosulfate mixture	unknown to Hillyard *	N/A	N/A	N/A	---

* NJ Trade Secret Registry *00850201001-5391P

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 206°F

Specific Gravity (H2O = 1): 25°C = 0.99 & 39°C = 0.99

Vapor Pressure (mm Hg.): 17.5

Percent Volatile by Volume (%): 99.04

Vapor Density (AIR = 1): 0.6

Evaporation Rate (ethyl ether = 1): slower than 1

Solubility in Water : appreciable

Appearance and Odor: colorless liquid; citrus odor

pH (concentrate) = 5.0 - 7.0

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash point: None (T.C.C.)

Flammable Limits: LEL = N/A UEL = N/A

Extinguishing Media: Water spray, foam, dry chemical, CO₂

Special Fire Fighting Procedures: Evacuate personnel to safe area, wear self-contained breathing apparatus

Unusual Fire and Explosion Hazards: Non-combustible. Active quaternary amine salts will burn, forming some toxic nitrogen oxides.

SECTION V – PHYSICAL HAZARDS

Stability: Stable

Conditions to Avoid: N/A

Incompatibility (Materials to Avoid): None known by Hillyard.

Hazardous Decomposition Products or Byproducts: None known by Hillyard.

Hazardous Polymerization: Will not occur

Conditions to Avoid: N/A

SECTION VI – HEALTH HAZARD DATA

Routes of entry: Inhalation? None known

Skin? None known

Ingestion? None known

HEALTH HAZARDS (1. Acute and 2. Chronic)

1. Mild eye irritation.

2. 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 IARC, NTP, NIOSH, or ACGIH as of this date, greater 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

Emergency and First Aid Procedures: If splashed into eyes flush with water for 15 minutes.

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 or soak up with sawdust, sand, oil dry or other absorbent material.

Waste Disposal Method: Waste from normal product use may be sewered to a public-owned treatment works (POTW) in compliance with applicable federal, state and local requirements. Wash small quantities down sewer with large amount of water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. Large spills should be picked up with wet vac or absorbent material; dispose of per local, state and federal regulations.

Precautions To Be Taken In Handling And Storing: Avoid breathing or inhalation of fog spray mist. When applying as a spray use exhaust ducts, drip pans and other design features to minimize worker exposure to mists or overspray. Avoid contamination of food. Freezing of product may rupture container. Product shelf life is best retained by storage at 45-100°F temperatures.

Other Precautions: This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Sec. 313 of SARA Title III Emergency Planning and Community Right to Know Act of 1986 and 40 CFR Part 372.

SECTION VIII – CONTROL MEASURES:

Respiratory Protection (Specify Type): None required

Ventilation:

Local Exhaust = Not required **Mechanical (General) =** Suggested when spray applied **Special =** N/A **Other =** N/A

Protective Gloves: None required **Eye Protection:** Splash goggles when splashing of concentrate is a concern

Other Protective Clothing or Equipment: Clothing sufficient to minimize physical contact.

Work / Hygienic Practices: Do not take internally; 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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