

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 (382N-78A)

Manufacturer's Name: HILLYARD INDUSTRIES **Product Name:** GENERAL SPOTTER

Address: 302 North Fourth Street
St. Joseph, MO 64501

Date Prepared: June 30, 1994
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	---
Sulfonated resin	unknown to Hillyard	not established	not established	N/A	---

SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 204°F
Specific Gravity (H2O = 1): 25°C = 1.00 & 39°C = 1.00
Vapor Pressure (mm Hg.): 17.5
Percent Volatile by Volume (%): 99
Vapor Density (AIR = 1): 0.6
Evaporation Rate (ethyl ether = 1): slower than 1
Solubility in Water: appreciable
Appearance and Odor: off-white semi-transparent liquid; herbal odor
pH (concentrate) = 5.5-6.5

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: None (Tag Closed Cup) **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: No Inhalation? No Skin? No Ingestion? No

HEALTH HAZARDS (1. Acute and 2. Chronic)

1. 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 13.8 mg/l actual concentration.
2. None known to Hillyard Industries.

Chemical listed as Carcinogen or Potential Carcinogen:

National Toxicology Program No **I.A.R.C. Monographs** = No **OSHA** = No

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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
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Protective Gloves: None required **Eye** None required
Protection:

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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