

## 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 (#0771J)

Manufacturer's Name: HILLYARD INDUSTRIES Product Name: SUPER SHINE-ALL  
 Address: 302 North Fourth Street Date Prepared: May 19, 2010 (version 3)  
 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.	---
Tall oil, Potassium salt	68647-71-2	not established	not established	N.A.	---
Ammonium parath sulfate	67762-19-0	not established	not established	N.A.	---
Fatty Acids, Tall Oil, Triethanolamine salts	67784-78-5	not established	not established	N.A.	---
Fragrance	Unknown	not established	not established	N.A.	---

(1) Regulated in FL., MA., PA., RI.

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

Boiling Point: 743mmHg 205°F Specific Gravity (H<sub>2</sub>O = 1): 25°C = 1.00 \*Density = 8.33 lb/gl.  
 Vapor Pressure (mm Hg.): 17.6 \*Percent Volatile by Weight (%): 86.5 - 87.5%  
 Vapor Density (AIR = 1): 0.6 Evaporation Rate (ethyl ether = 1): Slower than 1  
 Solubility in Water: Complete Appearance and Odor: light amber liquid, Sassafras odor  
 \*pH (concentrate) = 9.0-10 pH (diluted 1:128) = 8 - 9

## SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: None (T.C.C.) Flammable Limits: LEL = N.A. UEL = N.A.  
 Extinguishing Media: Water  
 Special Fire Fighting Procedures: None.  
 Unusual Fire and Explosion Hazards: None known to Hillyard Industries.

## SECTION V -- PHYSICAL HAZARDS

Stability: Stable Conditions to Avoid: N.A.  
 Incompatibility (Materials to Avoid): None of which we have knowledge.  
 Hazardous Decomposition Products or Byproducts: As with any organic materials, combustion will produce carbon dioxide and probably carbon monoxide.  
 Hazardous Polymerization: Will not occur Conditions to Avoid: None known to Hillyard Ind.

## SECTION VI -- HEALTH HAZARD DATA

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

## HEALTH HAZARDS (1. Acute and 2. Chronic)

1. Primary Irritation test on the concentrate per the Federal Hazardous Substance Act showed the concentrated product was a primary skin irritant and an eye irritant.
2. None known to manufacturer.

**SECTION VI -- HEALTH HAZARD DATA (continued)**

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:** May cause irritation to skin and eyes.

**Medical Conditions Generally Aggravated by Exposure:** Open cuts and sores may be irritated by contact.

**Emergency and First Aid Procedures:** In case of contact with eyes or skin, flush with plenty of water for 15 minutes. Remove contaminated clothing. Call a physician if irritation persists. Wash clothing before reuse. If swallowed give water; may cause diarrhea; call physician

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

**Steps To Be Taken In Case Material Is Released Or Spilled:** Rinse area with water and pick up with wet vac or mop.

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

**Precautions To Be Taken In Handling And Storing:** Not applicable.

**Other Precautions:** Do not dispose of in storm drains or streams.

**\*SECTION VIII -- CONTROL MEASURES**

**Respiratory Protection (Specify Type):** Not normally required.

**Ventilation:**

**Local Exhaust =** Normally adequate **Mechanical (General)=** Recommended **Special =** N.A. **Other =** N.A.

**\*Protective Gloves:** Rubber or other impervious gloves **Eye Protection:** Splash goggles where eye contact is likely.

**Other Protective Clothing or Equipment:** Not normally required.

**Work / Hygienic Practices:** Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling; wash clothing before reuse.

**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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Version 3, \* Denotes revisions since last published MSDS. Supersedes Version 2 December 22, 2008