

Material Safety Data Sheet

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

#140 E

SECTION I — IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name HILLYARD CHEMICAL COMPANY	Product Name SUPER SHINE-ALL
Address 302 North Fourth Street St. Joseph, MO 64502	Date Prepared March 10, 1987 revised June 12, 1989
Emergency Telephone No. And Other Information Calls (816) 233-1321	Prepared by Regulatory Affairs Department

SECTION II — HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity: Common Name(s))	CAS #'s	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
Safrole	94-59-7	not est.	not est.	N/A	0.3-0.6
Water	7732-18-5	N/A	N/A	N/A	--
Tall oil soap	68092-29-5	N/A	N/A	N/A	--
Anionic surfactant	67762-19-0	N/A	N/A	N/A	--
Triethanolamine	102-71-6	N/A	N/A	N/A	--

SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	200-210°F	Specific Gravity (H ₂ O = 1)	1.007
Vapor Pressure (mm Hg.)	N/A	Percent Volatile By Volume (%)	87.0
Vapor Density (AIR = 1)	> 1	Evaporation Rate (<u>butyl acetate</u> = 1)	> 1
Solubility in Water	complete	Appearance and Odor	light amber to brown liquid; sassafras odor

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) <u>none to boiling (T.C.C.)</u>	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media <u>water</u>			
Special Fire Fighting Procedures <u>none</u>			
Unusual Fire and Explosion Hazards <u>none known by manufacturer</u>			

SECTION V — PHYSICAL HAZARDS

Stability	Unstable <input type="checkbox"/>	Conditions to Avoid	N/A
	Stable <input checked="" type="checkbox"/>		
Incompatibility (Materials to Avoid) <u>none of which we have knowledge</u>			
Hazardous Decomposition Products Or Byproducts <u>none</u>			
Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions To Avoid	N/A
	Will Not Occur <input checked="" type="checkbox"/>		

570

5-26

#140 Super Shine-All

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? no Skin? no Ingestion? no

Health Hazards (1. Acute and 2. Chronic)

- 1. Mild eye irritant
- 2. Per testing in experimental laboratory animals, the perfume, when ingested (taken internally) regularly in their diet, has been found to be carcinogenic. A toxicology report can be obtained upon request.

Chemical Listed as Carcinogen or Potential Carcinogen: Yes * No
 National Toxicology Program: Yes * No
 I.A.R.C. Monographs: Yes * No
 OSHA: Yes No

* Safrole perfume

Signs and Symptoms of Exposure

N/A

Medical Conditions

Generally Aggravated by Exposure

none

Emergency and First Aid Procedures

Eye contact with concentrate: flush eyes with plenty of water for 15 minutes; remove contact lenses and flush eyes again with water. If irritation persists call physician.
 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

normal sewage disposal

Precautions To Be Taken In Handling And Storing

N/A

Other Precautions

This product contains Safrole which is listed by EPA SARA Title III, Section 313; reportable quantity = 1 lb. See Section II of this MSDS for percentage.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)

N/A

Ventilation	Local Exhaust	Mechanical (General)	Special	Other
	N/A	N/A	N/A	N/A

Protective Gloves

N/A

Eye Protection

N/A

Other Protective Clothing Or Equipment

not needed

Work/Hygienic Practices

Rinse cleaner off skin with water.

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