

NFPA Rating Health 3 Flammability 3 Reactivity 0	HMIS Rating Health 3 Flammability 3 Reactivity 0
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SECTION I

Material Safety Data Sheet This MSDS complies with OSHA's Hazard Comm. Standard 29 CFR 1910.1200 and OSHA Form 174		DOT Hazard Classification * Consumer commodity, ORM-D	
Distributed By: Hillyard Industries, Inc.		Identity (Trade Name) #1040 Super Hil-Aire®	
Address: P.O. Box 909		MSDS Number * 1040-99-1	
St. Joseph, MO 64502		Date Prepared: January 1, 1999	
Telephone (Information)	(816) 233-1321 (Ext.2303) http://www.hillyard.com	Prepared By: Regulatory Dept.	
Telephone (Emergency)	CHEMTREC (1-800-424-9300)	NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.	

SECTION II - Ingredients/ Identity Information

Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	%(Opt.)
Ethyl alcohol	64-17-5	1000 ppm	1000 ppm		
Isobutane	75-28-5	800 ppm	800 ppm		
Propane	74-98-6	1000 ppm	Asphyxiant		
o-phenylphenol	90-43-7	None	None		
Surfactants	mixture	None	None		
Water	7732-18-5	None	None		

This product is not known to contain any compound listed and in quantities requiring reporting under SARA Title III Section 313.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION III Physical/ Chemical Characteristics

Boiling Point Concentrate	176° F	Specific Gravity (H₂O = 1) Concentrate	0.83
Pressure (psig. @ 70° F)	70 ± 5	Melting Point	No Data
Vapor Density (AIR = 1)	No Data	Evaporation Rate (Ethyl Ether = 1)	No Data
Solubility in Water Complete		pH	8.5 ± 5

Appearance and Odor

Clear light yellow liquid with an alcohol and floral scent in and aerosol can.

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test Flammable	Flammable Limits No Data	LEL No Data	UEL No Data
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Extinguishing Media

Use carbon dioxide, dry chemical, foam, water fog, water spray.

Special Fire Fighting Procedures - Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards -

Aerosol container (pressurized) may burst if heated over 130° F.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Extreme heat, direct sunlight
	Stable	X	

Incompatibility (Materials to Avoid) -

Strong acids and oxidizers.

Hazardous Decomposition or Byproducts -

Carbon dioxide and carbon monoxide

Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes	No

Health Hazards (Acute and Chronic) - Danger. Flammable. Contents under pressure. Corrosive. Causes eye damage. Harmful or fatal if swallowed. Causes skin irritation.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None known	No	No	No

Signs and Symptoms of Exposure - Redness, tearing or burning in eyes. Redness, drying or cracking skin. Nausea and vomiting if ingested.

Medical Conditions Generally Aggravated by Exposure -

Pre-existing skin disorders may be adversely affected.

Emergency and First Aid Procedures -

Eyes - Immediately flush with copious amounts of water, lifting eyelids to insure complete removal. Flush for 15 minutes minimum. Consult a physician. **Ingestion** - Immediately drink a large quantity of water. Contact a physician immediately. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Flush with water 15 minutes minimum. If irritation persists, consult a physician.

SECTION VII - Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled -**

Isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up with an absorbent material. Put in suitable container for proper disposal.

Waste Disposal Method - Do not reuse empty container. Wrap and discard in trash. Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not puncture or incinerate container. Follow label directions carefully for disposal of infectious wastes.

* Discard container if allowed by applicable statutes. Consult local, state and federal regulations.

Precautions to be Taken in Handling and Storing -

Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Store in a cool (under 120° F) location. Do not use or store near ignition sources such as heat, sparks, open flame, and direct sunlight. Direct spray away from face. Replace cap when not in use. Store containers indoors and in a dry area. Keep from freezing.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Do not get in eyes. Do not get on skin or on clothing.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) - Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH/MSHA respirator.

Ventilation	Local Exhaust - Not usually necessary	Special - None
	Mechanical (General) - Yes	Other - None

Protective Gloves - Yes (Rubber) **Eye Protection** - Goggles or face shield

Other Protective Clothing or Equipment - Not usually necessary.

Work/Hygienic Practices - Normal. Wash thoroughly before eating, drinking, smoking, using restrooms, etc.

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