

NFPA Rating Health 2 Flammability 3 Reactivity 0	HMIS Rating Health 2 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) #1046 Spring Breeze Air Freshener
Address:	P.O. Box 909	MSDS Number * 1046-99-1
	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 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	%(Opt.)
Isobutane	75-28-5	800 ppm	800 ppm		
Propane	74-98-6	1000 ppm	Asphyxiant		
Acetone	67-64-1	1000 ppm	750 ppm	STEL 1000 ppm	
Perfume	Mixture	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 - Initial	133° F	Specific Gravity (H₂O = 1) Concentrate @70° F	0.794
Pressure (psig. @ 70° F)	40 ± 5	Melting Point	No Data
Vapor Density (AIR = 1)	Greater than one (1)	Evaporation Rate (Butyl Acetate = 1)	No Data
Solubility in Water	Soluble	pH	Not applicable

Appearance and Odor - Clear colorless liquid with a fresh scent in an aerosol can.

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065) 10", no flashback, not flammable	Flammable Limits No Data	LEL No Data	UEL No Data
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Extinguishing Media - Water may be ineffective. Use carbon dioxide, dry chemical, foam or fog. Concentrate is highly volatile and flammable. Vapors may travel along ground to ignition sources.

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 120° F. Contents are highly volatile and flammable.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Extreme heat, direct sunlight
	Stable	X	
Incompatibility (Materials to Avoid) - Strong oxidizers and mineral acids, permanganates, chromates and chlorine.			
Hazardous Decomposition or Byproducts - Carbon dioxide, carbon monoxide, smoke, soot and various organic oxidation by-products.			
Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry	Eyes?	Yes	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
Health Hazards (Acute and Chronic) - Warning. Flammable contents. Causes eye irritation. May cause skin irritation. May be harmful if swallowed, but this is unlikely as the product is a mist when sprayed. Intentional overexposure to mist or vapors may result in anesthetic or central nervous system effects.								
Carcinogenicity: None known		NTP? No		IARC Monographs? No		OSHA Regulated? No		

Signs and Symptoms of Exposure - Irritation of nose, throat, skin or eyes. Dryness of skin. Drowsiness, dizziness, fatigue or loss of coordination.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin, liver or kidney disorders may be adversely affected. Follow good chemical hygiene practices to avoid these hazards.

Emergency and First Aid Procedures: **Eyes** - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate medical attention. **Ingestion** - Unlikely as this product is a mist when used. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Wash thoroughly with soap and water. If irritation arises and persists, call a physician.

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled - Caution, slip hazard. Wipe up small spills promptly. For large releases, isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up with an absorbant material and put in a suitable container for proper disposal. Clean any residues from large spills with a suitable soap or detergent.

Waste Disposal Method - Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes. Offer for recycling if resources are available.

Precautions to be Taken in Handling and Storing - Do not use around ignition sources such as heat, sparks, open flame, static electricity, welding arcs, etc. Do not get in eyes. Avoid contact with skin and clothing. Wash thoroughly after handling. Avoid directly inhaling mists. Store in a cool (under 120° F) dry location away from heat, sparks, open flame and direct sunlight.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Spray can in upright position only. Do not deliberately concentrate and inhale vapors. Direct spray away from face. Do not use around any ignition sources such as heat, sparks, open flame, static electricity, welding arcs, etc. Do not puncture or incinerate container. Do not smoke while using.

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 needed	Special	None
	Mechanical (General)	Acceptable	Other	None
Protective Gloves - Not usually needed. Wear gloves if direct contact is possible		Eye Protection - Not usually needed. Wear approved safety glasses or goggles if direct contact is possible.		

Other Protective Clothing or Equipment - Not usually needed. If direct contact is possible, wear apron, boots, face shield, etc. as necessary.

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

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