

# MATERIAL SAFETY DATA SHEET

OSHA - Meets 29 CFR 1910.1200 Standards



## HMIS HAZARD RATINGS

HEALTH	2	0 = INSIGNIFICANT	3 = HIGH
FLAMMABILITY	4	1 = SLIGHT	4 = EXTREME
REACTIVITY	1	2 = MODERATE	

## TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	Consumer Commodity		
HAZARD CLASS / PKG GRP:	ORM - D / None	REF:	49 CFR 173.306
IDENTIFICATION NUMBER:	None	LABEL:	CONSUMER COMMODITY

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

**70% VOC AIR FRESHENER (07901 through 07923)**

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MANUFACTURER'S NAME  
Hospital Specialty Company

EMERGENCY TELEPHONE NUMBER  
CHEM • TEL (800) 255-3924 Outside USA (813) 248-0585

ADDRESS (NUMBER, STREET, P.O. BOX)  
670 Alpha Drive

TELEPHONE NUMBER FOR INFORMATION  
(440) 720-1800

(CITY, STATE AND ZIP CODE)  
Highland Heights, OH 44143

DATE PREPARED: March 16, 2002  
SUPERSEDES: December 15, 2001

## SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	%	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M <sup>3</sup>	PPM	MG/M <sup>3</sup>		
Petroleum distillate, aliphatic	64742-47-8	15 - 40	100	525				
Ethanol	64-17-5	10 - 30	1000	1900	1000			
Propane	74-98-6	10 - 30	1000	1800	2500			
Isobutane	75-28-5	5 - 10	not established					
Butane	106-97-8	7 - 13	800	1900	800			

## SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: High concentrations are irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting and malaise.

Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.

SKIN: Brief contact may cause slight irritation; prolonged contact may cause moderate irritation or dermatitis.

Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

EYES: High vapor concentration or contact may cause irritation and discomfort.

Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

INGESTION: May result in vomiting; aspiration of vomitus into the lungs must be avoided; DO NOT induce vomiting. Minute amounts aspirated into the lungs can produce severe lung injury, chemical pneumonitis, pulmonary edema or death.

DO NOT induce vomiting; if vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs; seek immediate medical attention. Vomiting may be induced only under the supervision of a physician.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

MATERIAL SAFETY DATA SHEET
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## SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED) -155° F (-104° C) TCC Propane)	NFPA RATING <b>1A</b>	FLAMMABLE LIMITS LEL: 2.2% UEL: 9.5%
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EXTINGUISHING MEDIA
Carbon dioxide, water fog, dry chemical, chemical foam

## SPECIAL FIRE FIGHTING PROCEDURES

Firefighters must wear full facepiece self - contained breathing apparatus in positive pressure mode. Do not use solid stream of water since stream will scatter and spread fire. Fine water spray can be used to keep fire - exposed containers cool. Caution - material is flammable!

UNUSUAL FIRE AND EXPLOSION HAZARDS
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Closed containers can explode due to buildup of pressure when exposed to extreme heat; do not use direct stream of water on pool fires as product may reignite on water surface. Contents under pressure. Do not use or store near heat or ignition source.

## SECTION 5 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CAUTION - EXTREMELY FLAMMABLE - EXTREMELY VOLATILE - Evacuate and ventilate area, remove all sources of ignition. Product will dissipate rapidly.

## SECTION 6 - HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. **CAUTION - EXTREMELY FLAMMABLE** - keep away from all sources of ignition. "Empty" containers may contain residue which may form explosive vapors. Do not puncture container. Do not attempt to refill container. Maintain well ventilated work areas to minimize exposure when handling this material.

## SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits (Section 2) are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.

VENTILATION	LOCAL EXHAUST: Required	SPECIAL: To maintain minimum TWA and STEL levels.
	MECHANICAL (GENERAL): Yes	OTHER: Engineering and work controls as required.

PROTECTIVE GLOVES: Neoprene or rubber gloves with cuffs.	EYE PROTECTION: Protective eyeglasses or chemical safety goggles.
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OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby

**WORK / HYGIENIC PRACTICES:** Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

## SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT -44.5° F (-42.5° C)	SPECIFIC GRAVITY (WATER = 1) 0.790
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VAPOR PRESSURE (MM Hg) Not available	pH Not available
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VAPOR DENSITY (AIR = 1) > 1	EVAPORATION RATE (N-Butyl Acetate = 1) < 1
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SOLUBILITY IN WATER	% VOLATILE (BY WEIGHT)
Partially soluble	> 94%

APPEARANCE AND ODOR Colorless liquid, various odors	VOLATILE ORGANIC COMPOUNDS (VOC's) 4.6 lbs / gallon
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## SECTION 9 - STABILITY AND REACTIVITY

STABILITY	UNSTABLE: STABLE: XXX	CONDITIONS TO AVOID: Extreme temperatures, open flames, sparks
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INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.
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HAZARDOUS POLYMERIZATION	MAY OCCUR: WILL NOT OCCUR: XXX	CONDITIONS TO AVOID: None
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## SECTION 10 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of in accordance with Local, State, and Federal Regulations. This product may produce concentrated hazardous vapors or fumes in a disposal container creating a dangerous environment. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations for ignitable materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.