## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

**IDENTITY (AS USED ON LABEL AND LIST)**

70% VOC AIR FRESHENER (07901 through 07923)

<table>
<thead>
<tr>
<th>MANUFACTURER'S NAME</th>
<th>Hospital Specialty Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDRESS (NUMBER, STREET, P.O. BOX)</td>
<td>670 Alpha Drive</td>
</tr>
<tr>
<td>(CITY, STATE AND ZIP CODE)</td>
<td>Highland Heights, OH 44143</td>
</tr>
</tbody>
</table>

**EMERGENCY TELEPHONE NUMBER**

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

**TELEPHONE NUMBER FOR INFORMATION**

(440) 720-1800

**DATE PREPARED:** April 21, 2005

**SUPERSEDES:** December 15, 2001; March 16, 2002

## SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

### HAZARDOUS COMPONENTS

**CAS #**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>% (OPTIONAL)</th>
<th>OSHA PEL PPM</th>
<th>ACGIH TWA PPM</th>
<th>SARA TITLE III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillate, aliphatic</td>
<td>64742-47-8</td>
<td>15 - 40</td>
<td>100</td>
<td>525</td>
<td></td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>10 - 30</td>
<td>1000</td>
<td>1900</td>
<td>1000</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>10 - 30</td>
<td>1000</td>
<td>1800</td>
<td>2500</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>5 - 10</td>
<td>not established</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>7 - 13</td>
<td>800</td>
<td>1900</td>
<td>800</td>
</tr>
</tbody>
</table>

## SECTION 3 - HEALTH HAZARD DATA

### ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

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

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

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

**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.

**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.
**IDENTITY (AS USED ON LABEL AND LIST)**
70% VOC AIR FRESHENER (07901 through 07923)

**SECTION 4 - FIRE FIGHTING MEASURES**

**FLASH POINT (METHOD USED)**
-155° F (-104º C) TCC Propane

**NFPA RATING**

**FLAMMABLE LIMITS**
LEL: 2.2% UEL: 9.5%

**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**
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. 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

**MECHANICAL (GENERAL):** Yes

**SPECIAL:** To maintain minimum TWA and STEL levels.

**OTHER:** Engineering and work controls as required.

**PROTECTIVE GLOVES:** Neoprene or rubber gloves with cuffs.

**EYE PROTECTION:** Protective eyeglasses or chemical safety goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Safety eyewash 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 (-42.5º C)

**SPECIAL GRAVITY (WATER = 1)**
0.790

**VAPOUR PRESSURE (MM Hg)**
Not available

**PH**: Not available

**VAPOUR DENSITY (AIR = 1)**
> 1

**EVAPORATION RATE (N-Butyl Acetate = 1)**
< 1

**SOLUBILITY IN WATER**
Partially soluble

**% VOLATILE (BY WEIGHT)**
> 94%

**APPEARANCE AND ODOR**
Colorless liquid, various odors

**VOLATILE ORGANIC COMPOUNDS (VOC)'s**
4.6 lbs / gallon

**SECTION 9 - STABILITY AND REACTIVITY**

**STABILITY**

**UNSTABLE:**

**STABLE:** XXX

**CONDITIONS TO AVOID:** Extreme temperatures, open flames, sparks

**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.

**HAZARDOUS POLYMERIZATION**

**MAY OCCUR:**

**WILL NOT OCCUR:** XXX

**CONDITIONS TO AVOID:**

**None**

**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.