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|---------------------------------------------------------|---------------------------------------------------------|
| <b>NFPA Rating</b> Health 3 Flammability 3 Reactivity 0 | <b>HMIS Rating</b> Health 3 Flammability 3 Reactivity 0 |
|---------------------------------------------------------|---------------------------------------------------------|

## SECTION I

|                                                                                                                           |                                                                                            |                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material Safety Data Sheet</b> This MSDS complies with OSHA's Hazard Comm. Standard 29 CFR 1910.1200 and OSHA Form 174 |                                                                                            | DOT Hazard Classification *<br>Consumer commodity, ORM-D                                                                                       |
| Distributed By:                                                                                                           | Hillyard Industries, Inc.                                                                  | Identity (Trade Name)<br>#1040 Super Hil-Aire®                                                                                                 |
| Address:                                                                                                                  | P.O. Box 909                                                                               | MSDS Number *<br>1040-99-1                                                                                                                     |
|                                                                                                                           | St. Joseph, MO 64502                                                                       | Date Prepared:<br>January 1, 1999                                                                                                              |
| Telephone (Information)                                                                                                   | (816) 233-1321 (Ext.2303)<br><a href="http://www.hillyard.com">http://www.hillyard.com</a> | Prepared By:<br>Regulatory Dept.                                                                                                               |
| Telephone (Emergency)                                                                                                     | CHEMTREC<br>(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<br>Chemical Identity, Common Name(s)) | CAS No.   | OSHA PEL | ACGIH-<br>TLV | Other Limits<br>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

|                                        |         |                                                             |         |
|----------------------------------------|---------|-------------------------------------------------------------|---------|
| <b>Boiling Point</b><br>Concentrate    | 176° F  | <b>Specific Gravity (H<sub>2</sub>O = 1)</b><br>Concentrate | 0.83    |
| <b>Pressure (psig. @ 70° F)</b>        | 70 ± 5  | <b>Melting Point</b>                                        | No Data |
| <b>Vapor Density (AIR = 1)</b>         | No Data | <b>Evaporation Rate (Ethyl Ether = 1)</b>                   | No Data |
| <b>Solubility in Water</b><br>Complete |         | <b>pH</b>                                                   | 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

|                                               |                                    |                       |                       |
|-----------------------------------------------|------------------------------------|-----------------------|-----------------------|
| <b>USA Flame Projection Test</b><br>Flammable | <b>Flammable Limits</b><br>No Data | <b>LEL</b><br>No Data | <b>UEL</b><br>No Data |
|-----------------------------------------------|------------------------------------|-----------------------|-----------------------|

### 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**

|                  |                 |   |                                                            |
|------------------|-----------------|---|------------------------------------------------------------|
| <b>Stability</b> | <b>Unstable</b> |   | <b>Conditions to Avoid</b> - Extreme heat, direct sunlight |
|                  | <b>Stable</b>   | X |                                                            |

**Incompatibility (Materials to Avoid) -**

Strong acids and oxidizers.

**Hazardous Decomposition or Byproducts -**

Carbon dioxide and carbon monoxide

|                                 |                       |   |                                         |
|---------------------------------|-----------------------|---|-----------------------------------------|
| <b>Hazardous Polymerization</b> | <b>May Occur</b>      |   | <b>Conditions to Avoid</b> - None known |
|                                 | <b>Will Not Occur</b> | X |                                         |

**SECTION VI - Health Hazard Data**

|                          |              |                    |              |                   |
|--------------------------|--------------|--------------------|--------------|-------------------|
| <b>Route(s) of Entry</b> | <b>Eyes?</b> | <b>Inhalation?</b> | <b>Skin?</b> | <b>Ingestion?</b> |
|                          | 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.

|                         |             |                         |                        |
|-------------------------|-------------|-------------------------|------------------------|
| <b>Carcinogenicity:</b> | <b>NTP?</b> | <b>IARC Monographs?</b> | <b>OSHA Regulated?</b> |
| 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.

|                    |                                              |                       |
|--------------------|----------------------------------------------|-----------------------|
| <b>Ventilation</b> | <b>Local Exhaust</b> - Not usually necessary | <b>Special</b> - None |
|                    | <b>Mechanical (General)</b> - Yes            | <b>Other</b> - 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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