## Section 1

### MATERIAL SAFETY DATA SHEET # 99
**Hercules Blot-O™ Air**

**Date Prepared:** 7/15/1999  
**Last Reviewed:** 12/4/2001

Meets OSHA 29 CFR 1910.1200

### Section 2 - Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
<th>Upper Bound Limit if SARA Reportable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol (CAS 67-63-0)</td>
<td>400 PPM</td>
<td>400 PPM</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Isobutane (CAS 75-28-5)</td>
<td>NE</td>
<td>NE</td>
<td>800 PPM (Aeropress)</td>
<td>N/A</td>
</tr>
<tr>
<td>Propane (CAS 74-98-6)</td>
<td>1000 PPM</td>
<td>NE</td>
<td>1000 PPM (NIOSH)</td>
<td></td>
</tr>
</tbody>
</table>

### HMIS Hazard Rating:  
Health: 1  Flammability: 2  Reactivity: 0  Personal Protection: G

### Section 3 - Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Boiling Point (°F):</th>
<th>Specfic Gravity</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>185° F (Conc)</td>
<td>0.81</td>
<td>45 PSIG at 70° F</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Melting Point (°F)</th>
<th>Evaporation Rate:</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>(Butyl Acetate = 1)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solubility in Water:</th>
<th>Appearance And Color:</th>
<th>Odor:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete</td>
<td>Clear Light Amber Liquid</td>
<td>Pleasant Perfume</td>
</tr>
</tbody>
</table>

### Section 4 - Fire And Explosion Hazard Data

**Flammable Limit**  
LEL: 1.8%  
UEL: 9.5%

**Extinguishing Media:**  
Water, Water Fog, Dry Chemical, CO2.

**Special Firefighting Procedures:**  
Self-contained respiratory protection should be provided for firemen fighting fires in building or confined areas.

**Unusual Fire And Explosion Hazards:**  
Aerosols are under pressure. Exposure to temperatures in excess of 120° F may cause bursting of cans.

*Continued on Next Page*
### Section 5 - Reactivity Data

**Stability:** Stable  
**Conditions To Avoid:** High temperatures over 120° F.  
**Incompatibility (Materials To Avoid):** Strong oxidizing agents and alkalines.  
**Hazardous Decomposition:** Burns to form CO2, CO and possible other decomposition products.  
**Hazardous Polymerization:** Will Not Occur

### Section 6 - Health Hazard Data

<table>
<thead>
<tr>
<th>Routes of Entr</th>
<th>Inhalation</th>
<th>Yes</th>
<th>Skin</th>
<th>Yes</th>
<th>Ingestion</th>
<th>Yes</th>
</tr>
</thead>
</table>

**Health Hazard**

**Carcinogenicity:**  
NTP: NO  
IARC: NO  
OSHA Regulated: NO

**Signs And Symptoms of Exposure:**  
Can cause redness, tearing upon direct contact with eyes. Direct contact with skin may cause defatting, redness and itching. Overexposure may cause dizziness, fatigue and nausea.

**Medical Conditions Generally Aggravated By Exposure:**  
None known.

**Emergency And First Aid Procedures:**  
INGESTION: DO NOT INDUCE VOMITING. Seek medical attention immediately. EYES: Flush eyes with running water for 15 minutes. If irritation persists, seek medical attention immediately. SKIN: Wash with soap and water after handling. INHALATION: In case of prolonged inhalation, remove to fresh air and seek medical attention immediately.

*Continued on Next Page*
**Section 7 - Precautions For Safe Handling And Use:**

**Steps To Be Taken In Case Material Is Released Or Spilled:**
Avoid inhalation of concentrated vapors. Absorb spilled material with appropriate absorbent.

**Waste Disposal Method:**
Dispose of all wastes in accordance with Federal, State, and local regulations.

**Precautions To Be Taken In Handling And Storing:**
Keep away from heat, sparks, open flame or prolong storage at high temperatures. Do not puncture or incinerate container.

**Other Precautions:**
Intentional misuse by deliberate inhalation of concentrated vapor contents can be harmful or fatal.

**Section 8 - Control Measures:**

**Respiratory Protection:**
None required under normal use.

**Ventilation:**
- Local Exhaust: Sufficient
- Mechanical: None
- Special: None
- Other: None

**Gloves:**
Rubber gloves.

**Eye Protection:**
Safety glasses or goggles or face shield.

**Other Protective Clothing:**
Rubber apron.

**Work/Hygienic Practice**
Wash thoroughly with soap and water after handling.

For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.