Material Safety Data Sheet

Section I. Product and Company Identification
Product Name: Lanolin Alcohol
Commercial Name: Not available.
Synonym(s): Wool Alcohol
Item Code: 30-2028
CAS#: 8027-33-6
RTECS: Not available.
In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Supplier:
PCCA
9501 South Wilcrest
Houston, TX 77099
Phone 1-800-331-2498
Fax 1-800-874-5760

Section II. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS#</th>
<th>% by Weight</th>
<th>TLV/PEL</th>
<th>LC50/LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lanolin Alcohol</td>
<td>8027-33-6</td>
<td>100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section III. Hazards Identification
Potential Acute Health Effects:
Possible eye, skin, gastrointestinal and/or respiratory tract irritation.

Potential Chronic Health Effects:
Possible hypersensitization.

Section IV. First Aid Measures
Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing and shoes thoroughly, before reuse. Get medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.

Other

Section V. Fire and Explosion Data
Flash Points: >100 °C
Flammable Limits: May be combustible at high temperature.

Products of Combustion: Not available.
Fire Hazards: Emits toxic flames under fire conditions.
Explosion Hazards: Emits toxic flames under fire conditions.
Fire Fighting Media and Instructions: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Extinguishing Media to Avoid: Do not use water jet.

Other
### Material Safety Data Sheet

**For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998**

#### Section VI. Accidental Release Measures

**Spill Cleanup Instructions**

SMALL SPILL: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. LARGE SPILL: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evaporate through the sanitary system.

#### Section VII. Handling and Storage

**Handling and Storage Info.**

Handling: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

#### Section VIII. Exposure Controls/Personal Protection

**Personal Protection**

Splash goggles, Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Other Protective Measures and Equipment**

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Exposure Limits**

Not available.

#### Section IX. Physical and Chemical Properties

**Appearance**

Pale yellow to brownish-yellow wax.

**Odor**

Faint characteristic odor.

**Molecular Weight**

Not available.

**Boiling Point**

Not available.

**Melting Point**

Not available.

**Specific Gravity**

Not available.

**Vapor Pressure**

Not available.

**Vapor Density**

Not available.

**Viscosity**

Not available.

**Solubility**

Not available.

**Other**

Not available.

#### Section X. Stability and Reactivity Data

**Stability**

The product is stable.

**Conditions to Avoid**

Not available.

**Materials to Avoid**

Coal tar, ichthyammol, resorcinol and phenol. When heated to decomposition material emits toxic fumes.

**Other**

Hazardous polymerization will not occur.

#### Section XI. Toxicological Information

**Routes of Entry**

Not available.

**Toxicity Data**

Not available.

#### Section XII. Ecological Information
Material Safety Data Sheet
For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1993

Information
Products of Biodegradation: Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise. Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Section XIII. Disposal Considerations

Waste Disposal
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section XIV. Transport Information

DOT Classification
Not a DOT controlled material (United States).

Section XV. Other Regulatory Information

Regulations
Not available.

Section XVI. Other Information

Other