IDENTITY (As Used on Label and List)
AD3E LIQUID

The information contained herein is based on data considered accurate; however, no warranty either expressed or implied of any nature with respect to the product or the data is made.

Section I
Manufacturer's Name
ANIMAL SCIENCE PRODUCTS
Emergency Telephone Number
1-800-424-9300 CHEMTREC
Address (Number, Street, City, and ZIP Code)
FM 1275 SOUTH, NACOGDOCHES, TX, 75963-1408
Telephone Number for Information
1-800-657-2324 ANIMAL SCIENCE PRODUCTS
P.O. DRAWER 631408
Date Prepared
04/13/94
Signature of Preparer (optional)

Section II-Hazardous Ingredients/Identity Information
Hazardous Components (Specific Chemical Identity; Common Name(s) OSHA PEL ACGIH TLV Other limits % (optional) Recommended % (optional)
n-Propyl alcohol (1-23-8) OSHA TWA 200 ppm; STEL 250 ppm ACGIH TWA (skin) 200 ppm; STEL 250 ppm

Section III - Physical/Chemical Characteristics
Boiling Point: 175 - 210° c
Vapor Pressure (mm Hg.) <4 mmHg @20° c
Vapor Density (AIR = 1) >1
Specific Gravity (H2O = 1) 1.1 - 1.2
Melting Point NA
Evaporation Rate (Butyl Acetate = 1) ND
Solubility in water: Appreciable
Appearance and Odor: Amber viscous liquid with slight odor.

Section IV - Fire and Explosion Hazard Data
Flash Point (Method Used): May exhibit false flash, below 100 degrees F., but will not sustain combustion.
Flammable Limits: NA LEL NA LEL NA
Extinguishing Media: Use extinguishing media appropriate for surrounding conditions.
Special Fire Fighting Procedures: Approach fire from the upwind side. Avoid breathing smoke, fumes, mist or vapors on the downwind side. Firefighters wear protective clothing, and self contained breathing apparatus.
Unusual Fire Fighting and Explosion Hazards: If stored in drums: Containers may rupture from internal pressure if confined to fire area. Cool with water. Get non-emergency personnel out of the area.
### Section V - Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions to Avoid:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unstable</td>
<td></td>
</tr>
<tr>
<td>Stable XXX</td>
<td></td>
</tr>
</tbody>
</table>

**Compatibility (Materials to Avoid):** Oxidizers or oxidizing materials. Heat

**Hazardous Decomposition or Byproducts:** From combustion: smoke, carbon monoxide, carbon dioxide.

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>Conditions to Avoid:</th>
</tr>
</thead>
<tbody>
<tr>
<td>May Occur</td>
<td>XXX</td>
</tr>
<tr>
<td>Will Not Occur</td>
<td>XXX</td>
</tr>
</tbody>
</table>

### Section VI - Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation? Possible</th>
<th>Skin?</th>
<th>Ingestion? Possible - irritant</th>
<th>Eyes?</th>
<th>Yes- irritant</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

**Health Hazards (Acute and Chronic):**
- **Acute:** Vapors or liquid may be irritating to skin, eyes, mucous membranes. Avoid inhalation or skin/eye contact.
- **Chronic:** Unknown

**Carcinogenicity:**
- NTP? NO
- IARC Monographs? NO
- OSHA Regulated? NO

**Signs of Symptoms of Exposure:** Prolonged exposure can cause: Nausea, headache, vomiting and narcotic effects (Dizziness, confusion, etc.). Skin irritation develops slowly after contact, eye irritation develops immediately upon contact.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing skin disorders.

**Emergency and First Aid Procedures:**
- **Eye contact:** Flush eyes with water for at least 15 minutes. Get medical attention if symptoms develop and persist.
- **Skin contact:** Flush with water or soap and water for 15 minutes or until all traces have been removed. Seek medical attention if symptoms develop and persist.
- **Ingestion:** Induce vomiting if victim is conscious by giving water, then stick fingers down throat. Get medical attention. Never give an unconscious person anything by mouth.
- **Inhalation:** Remove victim to fresh air and, if needed, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. Contact a physician immediately.

### Section VII - Precautions for Safe Handling and Use

**Steps to Be Taken in Case Material is Released or Spilled:** Pick up with absorbent material.

**Waste Disposal Method:** Waste suitable for landfill. Flush to sewer with large volumes of water.

**Precautions to Be Taken in Handling and Storing:** Store away from oxidizers or materials bearing a yellow "D.O.T." label. Store in a cool place, away from ignition sources, and away from hot surfaces.

**Other Precautions:** Clean up leaks/spills immediately to prevent soil or water contamination.

### Section VIII - Control Measures

**Respiratory Protection (Specify Type):** Not normally needed under proper conditions of use and storage.

**Ventilation**
- Local Exhaust: Recommended
- Mechanical (General): Recommended

**Protective Gloves:** Chemical impervious gloves

**Eye Protection:** Chemical goggles or full face shield.

**Other Clothing or Equipment:** Boots, aprons, drench showers, eye wash as needed for protection against spills and or splashes.

**Work/Hygienic Practices:** Avoid contact with skin, eye, and clothing. After handling this product, wash hand before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown in section VI. Launder contaminated clothing before reuse.

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