MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT SOURCE AND IDENTITY

Supplier identity and address
Aldran Chemical, Inc.
1313 No. Carolan Ave.
Burlingame, CA 94010

Product description: Super Pine
Purpose: Effective cleaning and thorough rinsing.

Transportation emergency: 800-969-3378
Product information: 800-969-3378

SECTION 2 - SHIPPING CLASSIFICATION

Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number

Not regulated

Labels required per 49 CFR 172.101: None
Qualifies for "Limited quantity" per 49 CFR 173.154: Not applicable
Reportable Quantity ("RQ") per 49 CFR 172.101: None or not possible in one non-bulk package

SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION

Reporting required by Title III Sec 313, 40 CFR 372, 29 CFR 1910.1200

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Material or Component</th>
<th>RQ#</th>
<th>Exposure Limit Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>102-71-6</td>
<td>Triethanol amine</td>
<td>None</td>
<td>TWA 5 mg/m3 STEL</td>
</tr>
<tr>
<td>7785-26-4</td>
<td>Pine Oil (-30'deg. Optical Rotation)</td>
<td>None</td>
<td>Not established</td>
</tr>
</tbody>
</table>

Contains other non regulated material which may contribute to eye and skin irritation.

No component is listed in "Threshold Limit Values and Biological Exposure indices for 2004" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.

California criteria: Constituents qualifying as hazardous materials, substances or waste, other than above, if any, have been neutralized/ denatured to a non hazardous condition. Regulations referenced: California Health & Safety Code Ch 6.95 Sec 25501(k)&(l), CCR Title 22, Sec 66261.21-24, and Appendix X of 22CCR Chapter 11, Article 4.

Emergency overview: Mildly alkaline, low surface tension pine oil cleaner. Keep out of eyes. Use standard industrial good practices.


HMIS Hazard ratings: Health 1 Fire 0 Instability 0 Other B (Glasses, gloves)
NFPA 704 Hazard Ratings: Health 1 Flammability 0 Reactivity 0 Other NA
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

Threshold limit value: Not established on product.
TOSCA Status: All ingredients listed CERCLA RQ: See Sec 2.
California Prop. 65: None

SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid
Odor: Mild, pine oil
Specific gravity: Approx. 1
pH reaction: 7-9
% phosphorous: None
VOC Content: <15 g/L

Reproductive implications: None
Ingredients on cancer lists: None
California Rule 102 (66): Contains no photo chemically active materials.
### SECTION 5 - SAFE HANDLING AND STORAGE

**General**
- Low surface tension cleaner. Keep out of eyes and off of skin.
- Use standard industrial good practices.
- Wipe up spills immediately as they may be slippery.

**Protective equipment**

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Safety glasses or goggles should be worn if there is possibility of eye contact.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Impermeable gloves such as rubber, PVC or neoprene are recommended.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for nuisance mists.</td>
</tr>
<tr>
<td>Ventilation</td>
<td>A well ventilated work environment is recommended.</td>
</tr>
<tr>
<td>Other</td>
<td>None</td>
</tr>
</tbody>
</table>

### SECTION 6 - HEALTH SAFETY DATA

**Effects of chronic over exposure**

<table>
<thead>
<tr>
<th>Eyes</th>
<th>None.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Can cause irritation from repeated exposure.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Mists may be irritating to breathing passages.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Not a likely source of chronic exposure.</td>
</tr>
</tbody>
</table>

### SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA

**Explosive limits**
- Flash point: See Sec 4

**Chemical stability**
- Stable

**Hazardous decomposition products:**
- Oxides of carbon if burned

**Incompatibility**
- None known

**Polymerization**
- Cannot occur

### SECTION 8 - EMERGENCY RESPONSE PROCEDURES

**Fire**
- Extinguishing media: Use equipment appropriate to the main cause of the fire.
- Special procedures: None

**First Aid**

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Flush with water for at least 15 min. Seek medical attention if pain persists.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Wash exposed skin with soap and water until gone. Remove affected clothes rinse off, product and wash clothes before reuse.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting.</td>
</tr>
</tbody>
</table>

**Spills**
- Small / large spill: Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Floors may be slippery. Keep out of waterways and storm sewers.

Product as made does not qualify as an "Unlisted Hazardous Waste" for disposal situations.

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MSDS prepared by: R.N. Miller 1-800-342-3577