**I Product:**
PINE-SOL® BRAND CLEANER

**Description:**
CLEAR AMBER LIQUID WITH CHARACTERISTIC PINE ODOR

**Other Designations**

<table>
<thead>
<tr>
<th>Distributor</th>
<th>Emergency Telephone Nos.</th>
</tr>
</thead>
</table>
| Clorox Sales Company  
1221 Broadway  
Oakland, CA 94612 | For Medical Emergencies call/  
(800) 446-1014  
For Transportation Emergencies Chemtrac  
(800) 424-9300 |

**II Health Hazard Data**

Eye Irritant. May cause skin irritation. Avoid contact with food. No medical conditions are known to be aggravated by exposure to this product.

**FIRST AID:**
- **EYE CONTACT:** Immediately rinse eyes with water for 15 minutes. If irritation persists, call a physician.
- **INGESTION:** Do not induce vomiting. Drink a glassful of water. Immediately call a physician.
- **SKIN CONTACT:** Remove contaminated clothing. Wash skin with water. If irritation persists, call a physician.
- **INHALATION:** Remove to fresh air. If breathing problems develop, call a physician.

**III Hazardous Ingredients**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Concentration</th>
<th>Worker Exposure Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pine oil</td>
<td>10 - 20%</td>
<td>Not established.</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>4 - 7%</td>
<td>400 ppm - TLV-TWA3</td>
</tr>
<tr>
<td>CAS # 87-53-0</td>
<td></td>
<td>400 ppm - PEL3</td>
</tr>
<tr>
<td>Alkyl alcohol ethoxylates</td>
<td>2 - 5%</td>
<td>500 ppm - TLV-STELO</td>
</tr>
<tr>
<td>CAS # 66455-15-0</td>
<td></td>
<td>Not established.</td>
</tr>
</tbody>
</table>

*TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average.
*PEL-TWA = OSHA Permissible Exposure Limit - Time Weighted Average.
*TLV-STELO = ACGIH Threshold Limit Value - Short Term Exposure Limit.

None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.

**IV Special Protection and Precautions**

**Hygienic Practices:** Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.

**Engineering Controls:** Use local exhaust to minimize exposure to product mist.

**Personal Protective Equipment:** Wear safety glasses. Wear gloves if there is the potential for repeated or prolonged skin contact.

**V Transportation and Regulatory Data**

**DOT:** Not restricted.

**DOT Proper Shipping Name:** n/a

**IMO Proper Shipping Name:** Dangerous goods in limited quantities of Class 3.

**IATA Proper Shipping Name:** Flammable liquid, Class 3, PG III.

**TSCA Inventory/Canadian Domestic Substances List Status:** All components of this product are listed.

**EPA - SARA Title III/CERCLA:** Packaged product is not reportable under Sections 311/312. This product contains no chemicals regulated under Section 313 and contains sodium dodecylbenzene sulfonate (CAS #52155-30-0, <4%), ammonium hydroxide (CAS #1336-21-6, <1%), benzoic acid (CAS #65-85-0, <1%) and glycol ethers (<1%) which are regulated under Section 304/CERCLA.

**VI Spill Procedures/Waste Disposal**

Spill Procedures: Absorb and containize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.

**VII Reactivity Data**

Stable under normal use and storage conditions.

**VIII Fire and Explosion Data**

**Flash Point:** 105°F (Setalash closed cup)

**Fire Extinguishing Agents:** Dry chemical, carbon dioxide (CO2), foam or water spray.

**IX Physical Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>3.0 - 4.0</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>~1.0</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Soluble</td>
</tr>
</tbody>
</table>