



The Clorox Company

1221 Broadway
Oakland, CA 94612
Tel. (510) 271-7000

**Material Safety
Data Sheet**

| I Product: ORANGE ENERGY™ PINE-SOL® ALL PURPOSE CLEANER | | | | | | | | | | |
|---|--|--|---------------|-----------------------|---|---------|------------------|----------------------------------|--------|--|
| Description: CLEAR, ORANGE, THIN LIQUID WITH CITRUS ORANGE ODOR | | | | | | | | | | |
| Other Designations | Distributor | | | | | | | | | |
| | Clorox Sales Company 1221 Broadway Oakland, CA 94612 | | | | | | | | | |
| Emergency Telephone Nos. | | | | | | | | | | |
| For Medical Emergencies, call 1-800-446-1014 For Transportation Emergencies, call Chemtrec 1-800-424-9300 | | | | | | | | | | |
| II Health Hazard Data | III Hazardous Ingredients | | | | | | | | | |
| Eye irritant. No medical conditions are known to be aggravated by exposure to this product. <u>FIRST AID:</u> <u>EYE CONTACT:</u> Immediately rinse with plenty of water. If irritation persists, call a doctor. <u>INGESTION:</u> Drink a glassful of water. Call a doctor or poison control center. <u>SKIN CONTACT:</u> Rinse with plenty of water. If irritation persists, call a doctor. <u>INHALATION:</u> Remove to fresh air. If breathing problems develop, call a doctor. | <table border="1"> <thead> <tr> <th>Ingredient</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Alkyl alcohol ethoxylates CAS # 66455-15-0</td> <td>5 - 10%</td> <td>Not established.</td> </tr> <tr> <td>Triethanolamine CAS #102-71-6</td> <td>1 - 5%</td> <td>5 mg/m³ - TLV-TWA^a</td> </tr> </tbody> </table> <p>^aTLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average</p> <p>None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.</p> | Ingredient | Concentration | Worker Exposure Limit | Alkyl alcohol ethoxylates CAS # 66455-15-0 | 5 - 10% | Not established. | Triethanolamine CAS #102-71-6 | 1 - 5% | 5 mg/m ³ - TLV-TWA ^a |
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| IV Special Protection and Precautions | V Transportation and Regulatory Data | | | | | | | | | |
| <u>Hygienic Practices:</u> Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods. <u>Engineering Controls:</u> Use local exhaust to minimize exposure to product mist. <u>Personal Protective Equipment:</u> Wear safety glasses. Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact. In situations where exposure limits may be exceeded, a NIOSH-approved respirator is advised. | <u>DOT/IATA/IMDG:</u> Not restricted. <u>EPA - SARA Title III/CERCLA:</u> This product is regulated under Sections 311/312. This product contains no chemicals which are regulated under Section 313 and contains maleic acid (CAS #110-16-7, <0.5%) which is regulated under Section 304/CERCLA. | | | | | | | | | |
| VI Spill Procedures/Waste Disposal | VII Reactivity Data | | | | | | | | | |
| <u>Spill Procedures:</u> Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material. <u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state, and local regulations. | Stable under normal use and storage conditions. | | | | | | | | | |
| VIII Fire and Explosion Data | IX Physical Data | | | | | | | | | |
| <u>Flash Point:</u> >200°F (closed cup) <u>Fire Extinguishing Agents:</u> Dry chemical, carbon dioxide (CO ₂), foam, or water spray. | pH.....~9 Specific gravity.....~1.0 Solubility in water.....Soluble | | | | | | | | | |