

**Clorox Professional Products Company**1221 Broadway
Oakland, CA 94612
Tel. (510) 271-7000**Material Safety
Data Sheet**

I Product: COMMERCIAL SOLUTIONS™ ORANGE ENERGY!™ PINE-SOL® ALL PURPOSE CLEANER											
Description: CLEAR, ORANGE, THIN LIQUID WITH CITRUS ORANGE ODOR											
Other Designations	Distributor	Emergency Telephone Nos.									
	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call 1-800-446-1014 For Transportation Emergencies, call Chemtrec 1-800-424-9300									
II Health Hazard Data		III Hazardous Ingredients									
<p>Eye irritant.</p> <p>No medical conditions are known to be aggravated by exposure to this product.</p> <p>FIRST AID:</p> <p>EYE CONTACT: Immediately rinse with plenty of water. If irritation persists, call a doctor.</p> <p>INGESTION: Drink a glassful of water. Call a doctor or poison control center.</p> <p>SKIN CONTACT: Rinse with plenty of water. If irritation persists, call a doctor.</p> <p>INHALATION: Remove to fresh air. If breathing problems develop, call a doctor.</p>		<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									
<p>Hygienic Practices: Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.</p> <p>Engineering Controls: Use local exhaust to minimize exposure to product mist.</p> <p>Personal Protective Equipment: 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.</p>		<p>DOT/IATA/IMDG: Not restricted.</p> <p>EPA - SARA Title III/CERCLA: 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.</p>									
VI Spill Procedures/Waste Disposal		VII Reactivity Data									
<p>Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.</p> <p>Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.</p>		Stable under normal use and storage conditions.									
VIII Fire and Explosion Data		IX Physical Data									
<p>Flash Point: >200°F (closed cup)</p> <p>Fire Extinguishing Agents: Dry chemical, carbon dioxide (CO₂), foam, or water spray.</p>		<p>pH..... ~9</p> <p>Specific gravity ~1.0</p> <p>Solubility in water..... Soluble</p>									