

**Clorox Professional Products Company**

1221 Broadway  
Oakland, CA 94612  
Tel. 1-510-271-7000

**Material Safety  
Data Sheet**

<b>I Product:</b> CLOROX COMMERCIAL SOLUTIONS® LEMON FRESH PINE-SOL® ALL PURPOSE CLEANER								
<b>Description:</b> CLEAR, YELLOW, SLIGHTLY VISCOUS LIQUID WITH A LEMON, CITRUS ODOR								
<b>Other Designations</b>	<b>Distributor</b>	<b>Emergency Telephone Nos.</b>						
	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call 1-800-446-1014.  For Transportation Emergencies, call 1-800-424-9300 (Chemtrec).						
<b>II Health Hazard Data</b>		<b>III Hazardous Ingredients</b>						
<p>Eye irritant.</p> <p>No medical conditions are known to be aggravated by exposure to this product.</p> <p><u>FIRST AID:</u></p> <p><u>EYE CONTACT:</u> Immediately rinse with water for 15 minutes. If irritation persists, call a doctor.</p> <p><u>INGESTION:</u> Drink a glassful of water. Call a doctor or poison control center.</p> <p><u>SKIN CONTACT:</u> Rinse with plenty of water. If irritation persists, call a doctor.</p> <p><u>INHALATION:</u> Move person to fresh air. If breathing problems develop, call a doctor.</p>		<table><thead><tr><th><u>Ingredient</u></th><th><u>Concentration</u></th><th><u>Worker Exposure Limit</u></th></tr></thead><tbody><tr><td>Alkyl alcohol ethoxylates CAS # 66455-15-0</td><td>1 - 5%</td><td>Not established.</td></tr></tbody></table> <p>None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.</p>	<u>Ingredient</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>	Alkyl alcohol ethoxylates CAS # 66455-15-0	1 - 5%	Not established.
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<b>IV Special Protection and Precautions</b>		<b>V Transportation and Regulatory Data</b>						
<p><u>Hygienic Practices:</u> Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.</p> <p><u>Engineering Controls:</u> Use local exhaust to minimize exposure to product mist.</p> <p><u>Personal Protective Equipment:</u> Wear safety glasses. Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact.</p>		<p><u>DOT/IATA/IMDG:</u> Not restricted.</p> <p><u>EPA - SARA Title III/CERCLA:</u> This product is regulated under Sections 311/312. This product contains no chemicals that are regulated under Section 313 or under Section 304/CERCLA.</p>						
<b>VI Spill Procedures/Waste Disposal</b>		<b>VII Reactivity Data</b>						
<p><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.</p> <p><u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state, and local regulations.</p>		Stable under normal use and storage conditions.						
<b>VIII Fire and Explosion Data</b>		<b>IX Physical Data</b>						
<p><u>Flash Point:</u> &gt;93°C (closed cup)</p> <p><u>Fire Extinguishing Agents:</u> Dry chemical, carbon dioxide (CO<sub>2</sub>), foam, or water spray.</p>		<p>pH..... 10 - 11</p> <p>Specific gravity.....~1.0</p> <p>Solubility in water .....Soluble</p> <p>Viscosity ..... ~30 cP</p>						