



The Clorox Company

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

**Material Safety
Data Sheet**

I Product: LEMON FRESH PINE-SOL® CLEANER & ANTIBACTERIAL SPRAY 1										
Description: CLEAR, YELLOW, THIN LIQUID WITH CITRUS ODOR										
Other Designations	Distributor									
EPA Registration Number 5813-73	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									
<p>Eye irritant. Prolonged skin contact may result in irritation. Avoid contact with food.</p> <p>No medical conditions are known to be aggravated by exposure to this product.</p> <p>FIRST AID: Have the product container or label with you when calling a poison control center or doctor or when going for treatment.</p> <p>EYE CONTACT: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye. Call a poison control center or doctor for treatment advice.</p> <p>SKIN CONTACT: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.</p> <p>INGESTION: Sip a glassful of water if able to swallow. Call a poison control center or doctor for treatment advice.</p> <p>INHALATION: Move to fresh air. Call a poison control center or doctor for treatment advice.</p>	<table border="1"> <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 (40% C₁₂, 50% C₁₄, 10% C₁₆) dimethyl benzyl ammonium chloride CAS # 68424-85-1</td> <td>0.3%</td> <td>Not established.</td> </tr> <tr> <td>2-Butoxyethanol CAS # 111-76-2</td> <td>1 - 5%</td> <td>20 ppm - skin TLV-TWA^a 50 ppm - skin PEL^b</td> </tr> </tbody> </table> <p>Note that 2butoxyethanol can be absorbed through the skin. This may contribute to overall exposure.</p> <p>^aTLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average ^bPEL = OSHA Permissible Exposure Limit - Time Weighted Average</p> <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 (40% C ₁₂ , 50% C ₁₄ , 10% C ₁₆) dimethyl benzyl ammonium chloride CAS # 68424-85-1	0.3%	Not established.	2-Butoxyethanol CAS # 111-76-2	1 - 5%	20 ppm - skin TLV-TWA ^a 50 ppm - skin PEL ^b
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IV Special Protection and Precautions	V Transportation and Regulatory Data									
<p>Hygienic Practices: Wash hands after direct contact.</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>TSCA Status: All components of this product are on the TSCA inventory.</p> <p>EPA - SARA Title III/CERCLA: This product is regulated under Sections 311/312. This product contains glycol ethers (<5%) which are regulated under Section 313 and Section 304/CERCLA and contains potassium hydroxide (CAS #1310-58-3, <0.1%) 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..... ~10.5</p> <p>Specific gravity ~1.0</p> <p>Solubility in water..... Soluble</p>									