



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

Material Safety Data Sheet

Product: LEMON FRESH! PINE-SOL® QUICK FLOOR FLOOR CLEANER										
Description: CLEAR, THIN LIQUID WITH A CITRUS, WOODY 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									
<p>Eye contact may result in temporary conjunctival redness.</p> <p>No medical conditions are known to be aggravated by exposure to this product.</p> <p>FIRST AID:</p> <p>EYE CONTACT: Flush eyes with plenty of water for 15 minutes. If irritation persists, call a doctor.</p> <p>SKIN CONTACT: Wash skin with water.</p> <p>INGESTION: Drink a glassful of water. Call a doctor or poison control center.</p> <p>INHALATION: Remove to fresh air. If breathing problems develop, call a doctor.</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>Isopropyl alcohol CAS # 67-63-0</td> <td>1 - 5%</td> <td>400 ppm - TLV-TWA^a 400 ppm - PEL^b 500 ppm - TLV-STEL^c</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>	Isopropyl alcohol CAS # 67-63-0	1 - 5%	400 ppm - TLV-TWA ^a 400 ppm - PEL ^b 500 ppm - TLV-STEL ^c	2-Butoxyethanol CAS # 111-76-2	1 - 5%	20 ppm - skin TLV-TWA ^a 50 ppm - skin PEL ^b
<u>Ingredient</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>								
Isopropyl alcohol CAS # 67-63-0	1 - 5%	400 ppm - TLV-TWA ^a 400 ppm - PEL ^b 500 ppm - TLV-STEL ^c								
2-Butoxyethanol CAS # 111-76-2	1 - 5%	20 ppm - skin TLV-TWA ^a 50 ppm - skin PEL ^b								
IV Special Protection and Precautions	V Transportation and Regulatory Data									
<p>Hygienic Practices: Wash hands after direct contact.</p> <p>Engineering Controls: Use general ventilation 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 ammonium hydroxide (CAS #1336-21-6, <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>	<p>Stable under normal use and storage conditions.</p>									
VIII Fire and Explosion Data	IX Physical Data									
<p>Flash Point: 143°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>									