



The Clorox Company
 7200 Johnson Drive
 Pleasanton, California 94588
 Phone: 510-847-6100

Material Safety Data Sheet

I Product: PROFESSIONAL STRENGTH PINE-SOL BRAND CLEANER														
Description: CLEAR AMBER LIQUID WITH CHARACTERISTIC PINE ODOR														
Other Designations	Manufacturer	Emergency Telephone Nos.												
	The Clorox Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call Rocky Mountain Poison Center: 1-800-446-1014 For Transportation Emergencies, call Chemtrec: 1-800-424-9300												
II Health Hazard Data		III Hazardous Ingredients												
<p>Eye irritant. Possible aspiration hazard if swallowed. Repeated or prolonged skin contact may cause irritation. Avoid contact with food.</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 immediately with water for 15 minutes. If irritation persists, call a physician.</p> <p>INGESTION: DO NOT INDUCE VOMITING. Drink a glassful of water; then call a physician.</p> <p>SKIN CONTACT: Remove contaminated clothing. Wash skin with water. If irritation persists, call a physician.</p> <p>INHALATION: Remove to fresh air. If breathing problems develop, call a physician.</p>		<table border="1"> <thead> <tr> <th>Ingredient</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Pine oil CAS #8002-09-3</td> <td>25-35%</td> <td>Not established.</td> </tr> <tr> <td>Tall oil fatty acids, sodium salts CAS #61790-44-2</td> <td>5-15%</td> <td>Not established.</td> </tr> <tr> <td>Isopropyl alcohol CAS #67-63-0</td> <td>5-10%</td> <td>400 ppm - TLV-TWA* 400 ppm - PEL-TWA^b 500 ppm - TLV-STEL^c</td> </tr> </tbody> </table> <p>*TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average ^bPEL-TWA = OSHA Permissible Exposure Limit - Time Weighted Average ^cTLV-STEL = ACGIH Threshold Limit Value - Short Term Exposure Limit</p> <p>None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.</p>	Ingredient	Concentration	Worker Exposure Limit	Pine oil CAS #8002-09-3	25-35%	Not established.	Tall oil fatty acids, sodium salts CAS #61790-44-2	5-15%	Not established.	Isopropyl alcohol CAS #67-63-0	5-10%	400 ppm - TLV-TWA* 400 ppm - PEL-TWA ^b 500 ppm - TLV-STEL ^c
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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 gloves if there is the potential for repeated or prolonged skin contact.</p>		<p>DOT: Not restricted.</p> <p>DOT Proper Shipping Name: Compound, cleaning, liquid.</p> <p>IMO Proper Shipping Name: Dangerous goods in limited quantities of Class 3.3.</p> <p>IATA Proper Shipping Name: Flammable liquid, Class 3, PGIII.</p> <p>TSCA Status: All components of this product are on the TSCA inventory.</p> <p>EPA - SARA Title III/CERCLA: Packaged product is not reportable under Sections 311/312. This product contains no chemicals regulated under Section 313 or 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: -102°F (Setaflash closed cup).</p> <p>Fire Extinguishing Agents: Dry chemical, carbon dioxide (CO₂), foam, or water spray.</p>		<p>pH 8.5 - 10.0</p> <p>Specific gravity -1.0</p>												