



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

**COPY**  
**Material Safety  
Data Sheet**

<b>I Product:</b>	PINE-SOL® BRAND CLEANER	
<b>Description:</b>	CLEAR AMBER LIQUID WITH CHARACTERISTIC PINE 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 (800) 446-1014 For Transportation Emergencies Chemtrac (800) 424-9300

<b>II Health Hazard Data</b>	<b>III Hazardous Ingredients</b>		
Eye irritant. May cause skin irritation. Avoid contact with food. No medical conditions are known to be aggravated by exposure to this product. <b>FIRST AID:</b> <b>EYE CONTACT:</b> Immediately rinse eyes with water for 15 minutes. If irritation persists, call a physician. <b>INGESTION:</b> DO NOT INDUCE VOMITING. Drink a glassful of water. Immediately call a physician. <b>SKIN CONTACT:</b> Remove contaminated clothing. Wash skin with water. If irritation persists, call a physician. <b>INHALATION:</b> Remove to fresh air. If breathing problems develop, call a physician.	<b>Ingredient</b>	<b>Concentration</b>	<b>Worker Exposure Limit</b>
	Pine oil CAS # 8002-09-3	10 - 20%	Not established.
	Isopropyl alcohol CAS # 67-63-0	4 - 7%	400 ppm - TLV-TWA <sup>a</sup> 400 ppm - PEL <sup>b</sup> 500 ppm - TLV-STEL <sup>c</sup>
	Alkyl alcohol ethoxylates CAS # 66455-15-0	2 - 6%	Not established.
	<sup>a</sup> TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average <sup>b</sup> PEL-TWA = OSHA Permissible Exposure Limit - Time Weighted Average <sup>c</sup> TLV-STEL = ACGIH Threshold Limit Value - Short Term Exposure Limit None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.		

<b>IV Special Protection and Precautions</b>	<b>V Transportation and Regulatory Data</b>
<u>Hygienic Practices:</u> Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.  <u>Engineering Controls:</u> Use local exhaust to minimize exposure to product mist.  <u>Personal Protective Equipment:</u> Wear safety glasses. Wear gloves if there is the potential for repeated or prolonged skin contact.	<u>DOT:</u> Not restricted. <u>DOT Proper Shipping Name:</u> n/a <u>IMO Proper Shipping Name:</u> Dangerous goods in limited quantities of Class 3.3. <u>IATA Proper Shipping Name:</u> Flammable liquid, Class 3, PGIII. <u>TSCA Inventory/Canadian Domestic Substances List Status:</u> All components of this product are listed. <u>EPA - SARA Title III/CERCLA:</u> Packaged product is not reportable under Sections 311/312. This product contains no chemicals regulated under Section 313 and contains sodium dodecylbenzenesulfonate (CAS #25155-30-0, <4%), ammonium hydroxide (CAS #1336-21-6, <1%), benzoic acid (CAS #65-85-0, <1%) and glycol ethers (<1%) which are regulated under Section 304/CERCLA.

<b>VI Spill Procedures/Waste Disposal</b>	<b>VII Reactivity Data</b>
<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.  <u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state, and local regulations.	Stable under normal use and storage conditions.

<b>VIII Fire and Explosion Data</b>	<b>IX Physical Data</b>
<u>Flash Point:</u> 105°F (Setaflash closed cup) <u>Fire Extinguishing Agents:</u> Dry chemical, carbon dioxide (CO <sub>2</sub> ), foam or water spray.	pH.....3.0 - 4.0 Specific gravity .....-1.0 Solubility in water.....Soluble