



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

CLO 40174

## Material Safety Data Sheet

<b>I Product:</b> ORIGINAL PINE-SOL® BRAND CLEANER 1																	
<b>Description:</b> CLEAR, AMBER, THIN LIQUID WITH CHARACTERISTIC PINE ODOR																	
<b>Other Designations</b>	<b>Distributor</b>	<b>Emergency Telephone Nos.</b>															
EPA Reg. No. 5813-83	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>															
Causes substantial but temporary eye injury.  No medical conditions are known to be aggravated by exposure to this product.  <b>FIRST AID:</b>  <b>EYE CONTACT:</b> Hold eye open and rinse with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If irritation persists, call a doctor.  <b>SKIN CONTACT:</b> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation develops, call a doctor.  <b>INGESTION:</b> Call a poison control center or doctor immediately for treatment advice. Have person sip a glassful of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.  <b>INHALATION:</b> Remove to fresh air. If breathing is affected, call a doctor.		<table><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>8 - 10%</td><td>Not established.</td></tr><tr><td>Alkyl alcohol ethoxylates CAS # 127036-24-2</td><td>3 - 7%</td><td>Not established.</td></tr><tr><td>Isopropyl alcohol CAS #67-63-0</td><td>1 - 5%</td><td>200 ppm - TLV-TWA* 400 ppm - PEL<sup>b</sup> 400 ppm - TLV-STEL<sup>c</sup></td></tr><tr><td>Sodium petroleum sulfonate CAS # 68608-26-4</td><td>1 - 5%</td><td>Not established.</td></tr></tbody></table> *TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average <sup>b</sup> PEL = 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.	Ingredient	Concentration	Worker Exposure Limit	Pine oil CAS # 8002-09-3	8 - 10%	Not established.	Alkyl alcohol ethoxylates CAS # 127036-24-2	3 - 7%	Not established.	Isopropyl alcohol CAS #67-63-0	1 - 5%	200 ppm - TLV-TWA* 400 ppm - PEL <sup>b</sup> 400 ppm - TLV-STEL <sup>c</sup>	Sodium petroleum sulfonate CAS # 68608-26-4	1 - 5%	Not established.
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<b>IV Special Protection and Precautions</b>		<b>V Transportation and Regulatory Data</b>															
Hygienic Practices: Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.  Engineering Controls: Use general ventilation or local exhaust to minimize exposure to vapor or mist.  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.		DOT: Not restricted per 49 CFR 173.120(a)(3) and Appendix H. IMDG: Not restricted per IMDG Code Page 0016 Paragraph 5.1.3.1.1. IATA: Not restricted per IATA D.G.R. Sections 3.3.1.2 and 3.3.5. EPA - SARA Title III/CERCLA: This product is regulated under Sections 311/312. This product contains no chemicals which are regulated under Section 313 and contains benzoic acid (CAS #65-85-0, <1%) which is regulated under Section 304/CERCLA.															
<b>VI Spill Procedures/Waste Disposal</b>		<b>VII Reactivity Data</b>															
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.  Waste Disposal: 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>															
Flash Point: 121° F (Tag closed cup).  Fire Extinguishing Agents: Dry chemical, carbon dioxide (CO <sub>2</sub> ), foam, or water spray.		pH..... 3.0 - 4.0 Specific gravity ..... ~1.0 Solubility in water ..... Appreciable															