



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

CLO 40174

Material Safety Data Sheet

I Product: ORIGINAL PINE-SOL® BRAND CLEANER														
Description: CLEAR AMBER LIQUID WITH CHARACTERISTIC PINE ODOR														
Other Designations	Distributor	Emergency Telephone Nos.												
EPA Reg. No. 5813-54	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call 1-800-446-1014 For Transportation Emergencies, call Chemtrec 1-800-424-9300												
II Health Hazard Data		III Hazardous Ingredients												
Eye irritant. May cause skin irritation. Avoid contact with food. No medical conditions are known to be aggravated by exposure to this product. FIRST AID: EYE CONTACT: Immediately flush eyes with plenty of water. If irritation persists, call a physician. INGESTION: Do not induce vomiting. Promptly drink a large amount of milk or water. Call a physician. SKIN CONTACT: Wash skin with water. If irritation persists, call a physician. INHALATION: Remove to fresh air. If breathing problems develop, call a physician.		<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>10 - 20%</td><td>Not established.</td></tr><tr><td>Isopropyl alcohol CAS # 67-63-0</td><td>4 - 7%</td><td>400 ppm - TLV-TWA^a 400 ppm - PEL^b 500 ppm - TLV-STEL^c</td></tr><tr><td>Alkyl alcohol ethoxylates CAS # 66455-15-0</td><td>2 - 6%</td><td>Not established.</td></tr></tbody></table> ^a TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average ^b PEL = OSHA Permissible Exposure Limit - Time Weighted Average ^c 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	10 - 20%	Not established.	Isopropyl alcohol CAS # 67-63-0	4 - 7%	400 ppm - TLV-TWA ^a 400 ppm - PEL ^b 500 ppm - TLV-STEL ^c	Alkyl alcohol ethoxylates CAS # 66455-15-0	2 - 6%	Not established.
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IV Special Protection and Precautions		V Transportation and Regulatory Data												
Hygienic Practices: Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods. Engineering Controls: Use local exhaust to minimize exposure to product mist. Personal Protective Equipment: Wear safety glasses. Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact.		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 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.												
VI Spill Procedures/Waste Disposal		VII Reactivity Data												
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.												
VIII Fire and Explosion Data		IX Physical Data												
Flash Point: 105° F (Setaflash closed cup). Fire Extinguishing Agents: Dry chemical, carbon dioxide (CO ₂), foam, or water spray.		pH 3.0 - 4.0 Specific gravity ~1.0 Solubility in water Soluble												