

**The Clorox Company**1221 Broadway
Oakland, CA 94612
Tel. (510) 271-7000**Material Safety
Data Sheet**

I Product: COMMERCIAL SOLUTIONS™ LEMON FRESH! PINE-SOL® ALL PURPOSE CLEANER										
Description: CLEAR, YELLOW, THIN LIQUID WITH CITRUS 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									
Eye irritant. May cause skin irritation. No medical conditions are known to be aggravated by exposure to this product. <u>FIRST AID:</u> <u>EYE CONTACT:</u> Immediately rinse with plenty of water. If irritation persists, call a doctor. <u>INGESTION:</u> Drink a glassful of water. Call a doctor or poison control center. <u>SKIN CONTACT:</u> Rinse with plenty of water. If irritation persists, call a doctor. <u>INHALATION:</u> Remove to fresh air. If breathing problems develop, call a doctor.	<table border="1"> <thead> <tr> <th>Ingredient</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Alkyl alcohol ethoxylates CAS # 66455-15-0</td> <td>5 - 10%</td> <td>Not established.</td> </tr> <tr> <td>Monoethanolamine CAS #141-43-5</td> <td>0.5 – 1.5%</td> <td>3 ppm - TLV-TWA^a 3 ppm - PEL^b 6 ppm - TLV-STEL^c</td> </tr> </tbody> </table> <p>^aTLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average ^bPEL = 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	Alkyl alcohol ethoxylates CAS # 66455-15-0	5 - 10%	Not established.	Monoethanolamine CAS #141-43-5	0.5 – 1.5%	3 ppm - TLV-TWA ^a 3 ppm - PEL ^b 6 ppm - TLV-STEL ^c
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IV Special Protection and Precautions	V Transportation and Regulatory Data									
<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 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.	<u>DOT/IATA/IMDG:</u> Not restricted. <u>EPA - SARA Title III/CERCLA:</u> This product is regulated under Sections 311/312. This product contains no chemicals which are regulated under Section 313 and contains glycol ethers (<1%) which are regulated under Section 304/CERCLA.									
VI Spill Procedures/Waste Disposal	VII Reactivity Data									
<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.									
VIII Fire and Explosion Data	IX Physical Data									
<u>Flash Point:</u> >200°F (closed cup) <u>Fire Extinguishing Agents:</u> Dry chemical, carbon dioxide (CO ₂), foam, or water spray.	pH..... ~10.5 Specific gravity ~1.0 Solubility in water..... Soluble									