

**Clorox Professional Products Company**

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

**Material Safety
Data Sheet**

I Product: COMMERCIAL SOLUTIONS™ ORANGE ENERGY!™ PINE-SOL® ALL PURPOSE CLEANER											
Description: CLEAR, ORANGE, THIN LIQUID WITH CITRUS ORANGE ODOR											
Other Designations	Distributor	Emergency Telephone Nos.									
	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. 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><thead><tr><th><u>Ingredient</u></th><th><u>Concentration</u></th><th><u>Worker Exposure Limit</u></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>Triethanolamine CAS #102-71-6</td><td>1 - 5%</td><td>5 mg/m³ - TLV-TWA^a</td></tr></tbody></table> ^a TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.	<u>Ingredient</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>	Alkyl alcohol ethoxylates CAS # 66455-15-0	5 - 10%	Not established.	Triethanolamine CAS #102-71-6	1 - 5%	5 mg/m ³ - TLV-TWA ^a
<u>Ingredient</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>									
Alkyl alcohol ethoxylates CAS # 66455-15-0	5 - 10%	Not established.									
Triethanolamine CAS #102-71-6	1 - 5%	5 mg/m ³ - TLV-TWA ^a									
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 maleic acid (CAS #110-16-7, <0.5%) which is 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.....~9 Specific gravity.....~1.0 Solubility in water.....Soluble									