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

Eye irritant.

No medical conditions are known to be aggravated by exposure to this product.

FIRST AID:

EYE CONTACT: Immediately rinse with plenty of water. If irritation persists, call a doctor.

INGESTION: Drink a glassful of water. Call a doctor or poison control center.

SKIN CONTACT: Rinse with plenty of water. If irritation persists, call a doctor.

INHALATION: Remove to fresh air. If breathing problems develop, call a doctor.

III Hazardous Ingredients

Ingredient	Concentration	Worker Exposure Limit
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]

[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.

IV Special Protection and Precautions

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. In situations where exposure limits may be exceeded, a NIOSH-approved respirator is advised.

V Transportation and Regulatory Data

DOT/IATA/IMDG: Not restricted.

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 maleic acid (CAS #110-16-7, <0.5%) which is regulated under Section 304/CERCLA.

VI Spill Procedures/Waste Disposal

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.

VII Reactivity Data

Stable under normal use and storage conditions.

VIII Fire and Explosion Data

Flash Point: >200°F (closed cup)

Fire Extinguishing Agents: Dry chemical, carbon dioxide (CO_2), foam, or water spray.

IX Physical Data

pH..... ~9

Specific gravity ..... ~1.0

Solubility in water.....Soluble

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DATE PREPARED 3/04