



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

Material Safety Data Sheet

Product:	LEMON FRESH PINE-SOL® ALL-PURPOSE CLEANER	
Description:	CLEAR YELLOW LIQUID WITH CITRUS ODOR	
Other Designations	Distributor	Emergency Telephone Nos.
	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies Chemtrac (800) 424-9300

II Health Hazard Data

Eye irritant. Repeated or prolonged skin contact may cause irritation.
No medical conditions are known to be aggravated by exposure to this product.

FIRST AID:

EYE CONTACT: Flush eyes immediately with water for 15 minutes. If irritation persists, call a physician.

INGESTION: Drink a glassful of water; then 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.

III Hazardous Ingredients

Ingredient	Concentration	Worker Exposure Limit
Isopropyl alcohol CAS #67-63-0	4 - 7%	400 ppm - TLV-TWA ^a 400 ppm - PEL-TWA ^a 500 ppm - TLV-STEL ^a

Terpene hydrocarbons	2 - 5%	Not established.
----------------------	--------	------------------

Alkyl alcohol ethoxylates CAS #68455-15-0	5 - 10%	Not established.
--	---------	------------------

^aTLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average

^aPEL-TWA = OSHA Permissible Exposure Limit - Time Weighted Average

^aTLV-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.

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 gloves if there is the potential for repeated or prolonged skin contact.

V Transportation and Regulatory Data

DOT: Not restricted.

DOT Proper Shipping Name: n/a.

IMO Proper Shipping Name: Dangerous goods in limited quantities of Class 3.3.

IATA Proper Shipping Name: Flammable liquid, Class 3, PGIII.

TSCA Status: All components of this product are on the TSCA inventory.

EPA - SARA Title III/CERCLA: Packaged product is not reportable under Sections 311/312. This product contains no chemicals regulated under Section 313 and contains glycol ethers (<2%) and sodium dodecylbenzenesulfonate (CAS #25155-30-0, <2%) which are regulated under Section 304/CERCLA.

VI Spill Procedures/Waste Disposal

Spill Procedures: Absorb and containize. 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: -102 °F (Setaflash closed cup).

Fire Extinguishing Agents: Dry chemical, carbon dioxide (CO₂), foam, or water spray.

IX Physical Data

pH 10.0 - 11.0
Specific gravity ~1.0