

2520-21



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 LIQUID WITH CITRUS ODOR

Other Designations	Distributor	Emergency Telephone Nos.
	Clorox Professional Products 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: Immediately rinse with water for 15 minutes. If irritation persists, call a physician.

INGESTION: Drink a glassful of 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.

HMS: H=2, F=2, R=0

HMS Hazard Scale: 1=slight 2=moderate 3=serious 4=severe

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 ^b 500 ppm - TLV-STEL ^c
Terpene hydrocarbons	2 - 5%	Not established.
Alkyl alcohol ethoxylates CAS #66455-15-0	5 - 10%	Not established.

^aTLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average
^bPEL-TWA = OSHA Permissible Exposure Limit - Time Weighted Average
^cTLV-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 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.

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 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: -102°F (Setflash 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