



**The Clorox Company**  
1221 Broadway  
Oakland, CA 94612  
Tel. 1-510-271-7000

# Material Safety Data Sheet

| <b>I Product:</b> LEMON FRESH PINE-SOL® ALL PURPOSE CLEANER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                      |                              |                                               |        |                  |                                            |          |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|------------------------------|-----------------------------------------------|--------|------------------|--------------------------------------------|----------|------------------|
| <b>Description:</b> CLEAR, YELLOW, THIN LIQUID WITH A LEMON, CITRUS ODOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                      |                              |                                               |        |                  |                                            |          |                  |
| <b>Other Designations</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Distributor</b>                                         | <b>Emergency Telephone Nos.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                      |                              |                                               |        |                  |                                            |          |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Clorox Sales Company<br>1221 Broadway<br>Oakland, CA 94612 | For Medical Emergencies, call 1-800-446-1014.<br><br>For Transportation Emergencies, call<br>1-800-424-9300 (Chemtrec).                                                                                                                                                                                                                                                                                                                                               |                   |                      |                              |                                               |        |                  |                                            |          |                  |
| <b>II Health Hazard Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                            | <b>III Hazardous Ingredients</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                      |                              |                                               |        |                  |                                            |          |                  |
| Eye irritant.<br><br>No medical conditions are known to be aggravated by exposure to this product.<br><br><u>FIRST AID:</u><br><br><u>EYE CONTACT:</u> Immediately rinse with water for 15 minutes. If irritation persists, call a doctor.<br><br><u>INGESTION:</u> Drink a glassful of water. Call a doctor or poison control center.<br><br><u>SKIN CONTACT:</u> Rinse with plenty of water. If irritation persists, call a doctor.<br><br><u>INHALATION:</u> Move person to fresh air. If breathing problems develop, call a doctor. |                                                            | <table border="1"><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<br/>CAS # 66455-15-0</td><td>1 - 5%</td><td>Not established.</td></tr><tr><td>Sodium xylene sulfonate<br/>CAS # 1300-72-7</td><td>0.5 - 2%</td><td>Not established.</td></tr></tbody></table><br>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<br>CAS # 66455-15-0 | 1 - 5% | Not established. | Sodium xylene sulfonate<br>CAS # 1300-72-7 | 0.5 - 2% | Not established. |
| <u>Ingredient</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u>Concentration</u>                                       | <u>Worker Exposure Limit</u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                      |                              |                                               |        |                  |                                            |          |                  |
| Alkyl alcohol ethoxylates<br>CAS # 66455-15-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 - 5%                                                     | Not established.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                      |                              |                                               |        |                  |                                            |          |                  |
| Sodium xylene sulfonate<br>CAS # 1300-72-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.5 - 2%                                                   | Not established.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                      |                              |                                               |        |                  |                                            |          |                  |
| <b>IV Special Protection and Precautions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                            | <b>V Transportation and Regulatory Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |                      |                              |                                               |        |                  |                                            |          |                  |
| <u>Hygienic Practices:</u> Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.<br><br><u>Engineering Controls:</u> Use local exhaust to minimize exposure to product mist.<br><br><u>Personal Protective Equipment:</u> Wear safety glasses. Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact.                                                                                                                                             |                                                            | <u>DOT/IATA/IMDG:</u> Not restricted.<br><br><u>EPA - SARA Title III/CERCLA:</u> This product is regulated under Sections 311/312. This product contains no chemicals that are regulated under Section 313 or under Section 304/CERCLA.                                                                                                                                                                                                                               |                   |                      |                              |                                               |        |                  |                                            |          |                  |
| <b>VI Spill Procedures/Waste Disposal</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                            | <b>VII Reactivity Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                      |                              |                                               |        |                  |                                            |          |                  |
| <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.<br><br><u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state, and local regulations.                                                                                                                                                                                                                         |                                                            | Stable under normal use and storage conditions.                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                      |                              |                                               |        |                  |                                            |          |                  |
| <b>VIII Fire and Explosion Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                            | <b>IX Physical Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                      |                              |                                               |        |                  |                                            |          |                  |
| <u>Flash Point:</u> >93°C (closed cup)<br><br><u>Fire Extinguishing Agents:</u> Dry chemical, carbon dioxide (CO <sub>2</sub> ), foam, or water spray.                                                                                                                                                                                                                                                                                                                                                                                  |                                                            | pH..... 10 - 11<br>Specific gravity.....~1.0<br>Solubility in water .....Soluble                                                                                                                                                                                                                                                                                                                                                                                      |                   |                      |                              |                                               |        |                  |                                            |          |                  |