



**Florida Chemical Co Inc**  
351 Winter Haven Blvd, N.E.  
Winter Haven, FL 33881-9432 USA  
Ph: 863/294-8483 Fax: 863/294-7783  
Email: info@floridachemical.com  
Website: www.floridachemical.com

## MATERIAL SAFETY DATA SHEET

January 2003

### I. PRODUCT IDENTIFICATION

**Tradename:** Cold Pressed Lemon Oil  
**Product Code:** 340000  
**CAS Number:** 84929-31-7

### II. HAZARDOUS INGREDIENTS

**Materials:** N/A

### III. EMERGENCY CONTACT

**ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS**

**CHEMTREC**

United States Shipments **(800) 424-9300**

Outside United States: **Call CHEMTREC Collect**

### IV. PHYSICAL DATA

**Specific Gravity:** 0.852 @ 20/20°C  
**Appearance:** Yellow to pale yellow  
**Odor:** Odor & flavor similar to sweet lemon  
**Solubility in Water:** Insoluble  
**Refractive Index:** 1.472 - 1.476  
**Optical Rotation:** 60 -70 degrees  
**Aldehyde:** 2.0 - 3.5%  
**Density:** 0.847 - 0.853

### V. FIRE & EXPLOSION HAZARD DATA

**Flashpoint:** EOA Closed cup 116°F  
**Extinguishing Media:** Class B; smothering or exclusion of air  
**Unusual Fire & Explosion Hazards:** Burns with intense heat, container may explode in heat of fire.

### VI. HEALTH HAZARD DATA

**Effects of Overexposure:** Skin irritant  
**Emergency First Aid & Procedures:** Flush eyes with large quantities of water, rinse other areas (when appropriate) with soap and water and apply petroleum jelly if necessary; consult physician if required.

## MATERIAL SAFETY DATA SHEET (cont.)

340000 - Cold Pressed Lemon Oil

---

### VII. REACTIVITY DATA

---

**Conditions to Avoid:** Avoid air, heat, light, strong acids & bases - stable if stored in well-filled nitrogen or CO<sub>2</sub> purged drums which should not exceed 70°F (21°C).

**Hazardous Decomposition Products:** Strong acids & bases

---

### VIII. SPILL & LEAK PROCEDURES

---

**In Case Material Is Released or Spilled:** Use dry type absorbent.

**Waste Disposal Method:** Handle through EPA spill control plan via land fill and/or dilution & spray application.

---

### IX. SPECIAL PROTECTION INFORMATION

---

**Skin Protection:** Yes; Oil Resistant Gloves

**Eye Protection:** Yes; Oil Resistant Goggles

**Other:** Yes; Oil Resistant Apron

---

### X. STORAGE & HANDLING

---

**Handling & Storage:** Store in well-filled inert gas-purged drums not to exceed 70°F (21°C) to prevent oxidation & preserve quality. Handle similar to d-Limonene. Should use epoxy-lined or flavor-free phenolic containers.

---

### XI. TRANSPORTATION INFORMATION

---

**TDG Status:** Hazardous

**IMO Status:** Hazardous

**IATA Status:** Hazardous

DOT Label/Placard [exemption § 173.150(f) applies]:

Highway/Rail: per requirements for Combustible Liquids

Air/Ship: per requirements for Flammable Liquids

**SHIPPING CLASSIFICATION:**

**Proper Shipping Name:** TERPENE HYDROCARBONS, N.O.S.

**Hazard Class:** 3

**Identification No.:** UN2319

**Packing Group:** III

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

The information contained herein is based on current knowledge and experience: no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information obtained by the user. No warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customers, and the protection of the environment. This information is furnished upon the condition the person receiving it shall determine the suitability for the particular purpose. This MSDS is to be used as a guideline for safe work practices and emergency response.