MATERIAL SAFETY DATA SHEET

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.
VII. REACTIVITY DATA

Conditions to Avoid: Avoid air, heat, light, strong acids & bases - stable if stored in well-filled nitrogen or CO₂ 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.

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