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MATERIAL SAFETY DATA SHEET

February 2003

I. PRODUCT IDENTIFICATION

Tradename: Lemon Terpenes
Product Code: 304000
CAS Number: 84292-31-7

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: @ 20/20EC: 0.846
Appearance: Pale Yellow to Colorless
Odor: Dilute lemon
Solubility in Water: Insoluble

V. FIRE & EXPLOSION HAZARD DATA

Flashpoint: Closed cup 118EF
Stability Considerations: Stable
Incompatibility with: Strong oxidizing agents
Hazardous Decomposition Products: Burning generates CO, CO₂ and smoke
Extinguishing Media: Dry chemical, foam or carbon dioxide
Special Fire Fighting Procedures: Vapor explosion hazard
Unusual Fire & Explosion Hazards: Container may explode in heat of fire
Hazardous Polymerization: Will not occur

VI. HEALTH HAZARD DATA

Effects of Overexposure: Skin irritant
Primary Route(s) of Exposure: Skin Contact
Emergency First Aid & Procedures: Flush eyes with large quantities of water, rinse other areas (when appropriate) with soap and water. If ingested, contact physician.

VII. SPILL & LEAK PROCEDURES

Steps to be taken if material is released or spilled: Soak up with an absorbent material
Waste Disposal Method: Incinerate or dispose of in accordance with local, state, or federal regulations.

MATERIAL SAFETY DATA SHEET (cont.)

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VIII. SPECIAL PROTECTION INFORMATION

Engineering Controls: Mechanical ventilation recommended.

Skin Protection: Yes; Oil Resistant Gloves

Eye Protection: Yes; Oil Resistant Goggles

Other: Yes; Oil Resistant Apron

IX. SPECIAL PRECAUTIONS

Handling & Storage: Store in sprinkled warehouse. Keep temperatures below 140°F (60°C) to prevent oxidation & preserve quality. Should use epoxy-lined, flavor-free phenolic containers.

X. 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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