



## SAFETY DATA SHEET

**KleanTerpenes.com**

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### 1. PRODUCT IDENTIFICATION

#### EUCALYPTUS TERPENES

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #: 8000-48-4

FEMA #: 2466

### 3. HAZARD IDENTIFICATION

- Xn Harmful; R10 Flammable; N Dangerous for the environment

### 4. EMERGENCY AND FIRST AID PROCEDURES

- Inhalation: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.
- Eye contact: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.
- Skin contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
- Ingestion: Rinse mouth out with water. Seek medical advice **immediately**.

### 5. FIRE FIGHTING MEASURES

- Extinguishing media: Use CO<sub>2</sub>, Dry Powder or Foam type Extinguishers, spraying recommended: extinguishing media to base of flames. Do not use direct water jet on burning material.
- Special measures: Avoid vapor inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

- Extinguishing procedures: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## **6. ACCIDENTAL RELEASE MEASURES**

Procedures in Case of Accidental Release, Breakage or Leakage: Remove any source of ignition. If in confined area, use NIOSH approved respiratory protection and other protective equipment.

Absorb the spilled material with vermiculite or other absorbent material. Avoid inhaling vapor. Avoid contact with skin, eyes and clothing. Dispose of material in accordance with local, state, and federal laws and regulations.

## **7. HANDLING AND STORAGE**

- Handling: Avoid breathing vapors. Avoid contact with skin, eyes and clothing.
- Storage: Store in full sealed containers in cool, dry, ventilated place away from sources of ignition. Keep containers upright and tightly closed when not in use.

## **8. EXPOSURE CONTROLS/PROTECTION INFORMATION**

- Ventilation Protection: Ventilation meeting ACGIH standards should be employed.
- Respiratory Protection: Respiratory protection is normally not required in well ventilated area.
- Eye Protection: Eye protection should be worn at all times.
- Skin Protection: Chemical resistant gloves are recommended.
- Others: Use protective clothing as necessary.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

- Color: Colourless to pale yellow.
- Appearance: Mobile liquid
- Odor: Fresh, reminding of cineol.
- Flash point °C: 47°C.
- Specific gravity @ 20°C: 0.905 to 0.925
- Optical rotation @ 20°C: 0° to +10°
- Refractive index @ 20°C: 1.457 to 1.470
- Cineol Content: 80% min

## **10. STABILITY AND REACTIVITY**

- Reactivity: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.
- Decomposition: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

## **11. TOXICOLOGICAL INFORMATION**

- Acute oral toxicity: LD<sub>50</sub> orl rat 2480mg/kg. However may be more toxic to humans by oral route: oral-child TDLo 218mg/Kg; oral-man TDLo 375mg/Kg.
- Dermal toxicity: LD<sub>50</sub> Skn rbt 2480mg/kg
- Irritation data: Skn rbt 500mg/24hr. Previously found to be non-sensitising, non-irritating & non-phototoxic DLJ Opdyke FCT (1975) 13, 107; DLJ Opdyke FCT (1975) 13,105

## **12. ECOLOGICAL INFORMATION**

- Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment
- Biodegradability: Data not available
- Precautions: Prevent surface contamination of soil, ground & surface water.

## **13. DISPOSAL CONSIDERATIONS**

- Dispose of in accordance with state, local and federal regulations.

## **14. TRANSPORT INFORMATION**

- Ground Shipping (USDOT): Class 3
- Air shipping (IATA), Ocean Shipping (IMDG): Class 3
- Proper Shipping Name: Flammable Liquid, NOS Hazard Class: 3  
Identification Number: UN1993  
Packing Group: III

## **15. REGULATORY INFORMATION**

- This substance contains no materials subject to the reporting requirements of Superfund Amendments and Reauthorization Act of 1986 Title III Section 313.

## **16. OTHER INFORMATION**

- Disclaimer: The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or, expense resulting from improper use of this product.