

MATERIAL SAFETY DATA SHEET

1.0 – Chemical Product and Company Information

Product name: Rosemary Essential Oil	Company Name: Tropical Bioessence Sdn. Bhd.(683554V) No. ST 519, Jalan Tunas Baru, Seksyen 1/4, Kawasan Perindustrian MIEL Masjid Tanah, 78300 Melaka, Malaysia Tel: +606-3842800, Fax: +606-3842900
Chemical formula: Pure Essential Oil	

2.0 – Composition/Information on Ingredients

Name	CAS #	%
Rosmarinus Officinalis (Rosemary) Leaf Oil	8000-25-7	100%
Other ingredients	-	-

3.0 – Hazards Identification

Slightly hazardous in case of skin contact (irritant), of eye contact (irritant) of ingestion, or inhalation.
 Slightly hazardous in case of skin contact (permeator)

Carcinogenic effects: Not available.

Mutagenic effects: Not available.

Teratogenic effects: Not available.

Developmental toxicity: Not available.

Repeated or prolonged exposure is known to aggravate medical conditions.

4.0 – First Aid Measures

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if irritation persists.

Ingestion: Administer water or milk to dilute. Seek medical attention immediately or call a poison control center.

Inhalation: Avoid gross inhalation of fumes. Remove to fresh air and seek medical attention if needed.

5.0 – Fire-Fighting Measures

Flammability of the product: Not available

Auto-ignition temperature: Not available

Flash point: 195°C

Flammable limits: Not available

Products of combustion: Not available

Fire hazards in presence of various substances: Not available

Explosion Hazards in the Presence of Various Substances: Risk of explosion of the product under mechanical impact: Not available.

Fire fighting media and instructions: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use a water jet.

Special remarks on fire hazards: Not available

Special remarks on explosion hazards: Not available

6.0 – Accidental Release Measures

Small Spills: Absorb spillages on porous inert material such as earth, and or vermiculite and dispose of in accordance with local regulations. Flush spill area with water.

Large Spills: Large spillages should be contained by the use of sand or another inert material, transferred to a suitable container and recovered or disposed of in accordance. Wash area down with large quantity of water.

7.0 – Handling and Storage

Handling Precautions: Keep away from heat. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Wear suitable protective clothing in case of insufficient ventilation, wear suitable respiratory equipment if ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage: Keep the container dry and in a cool place. Ground all equipment containing material. Keep container tightly closed and well-ventilated place.

8.0 – Exposure Controls / Personal Protection

Engineering Controls: Use in a well-ventilated area.

Personal Protection: Splash goggles, lab coat, vapor respirator, gloves.

Personal Protection in case of a large spill: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.

Exposure limits: Not available.

9.0 – Physical and Chemical Properties

Appearance and Odor: Colorless - yellow. Characteristic.

Vapor Density (Air=1): >1

Specific Gravity (Water=1): <1

Solubility in Water: Insoluble in water

10.0 – Stability and Reactivity

Stability: Generally stable.

Polymerization: Will not occur.

Incompatibilities: Contains organic components; keep away from strong oxidizers.

11.0 – Toxicological Information

Acute oral toxicity:	Not Determine
Acute dermal toxicity:	Not Determine
Acute inhalation toxicity:	Not Determine
Chronic toxicity:	Not Determine

12.0 – Ecological Information

Environmental Fate: No data found
Ecotoxicity: No data found

13.0 – Disposal Considerations

No special methods are necessary, but disposal should be in accordance with local regulations.

14.0 – Transport Information

DOT Classification: Not a DOT controlled material
Identification: Not applicable
Special provisions for transport: Not applicable

15.0 – Regulatory Information

Not classified as dangerous (Directive 88/379/EC)
No hazard label required.

Section 16 – Other Information

The information in this Material Safety Data Sheet is, to the best of our knowledge, information and belief, correct and consistent with the state of technical information available at the date of its publication. Tropical Bioessence Sdn. Bhd. cannot however accept liability for any loss, injury and/or damage that result from use or misuse of the information herein.