



Safety Data Sheet

Section 1: Identification

Product Name: Tea Tree Oil (Australia)

Botanical Name: Melaleuca alternifolia

Synonyms: Melaleuca linariifolia var. alternifolia, Melaleuca alternifolia Cheel, Melaleuca dissiflora var. alternifolia

INCI Name: Melaleuca alternifolia (tea tree) leaf oil

CAS #: 68647-73-4

Country of Origin: Australia

Company: Soapgoods Inc

Address: 1824 Willow Trail Pkwy, Ste 200. Norcross. GA 30093

Phone: (404) 924-9080

E-Mail: wecare@soapgoods.com

Emergency Phone: Chemtrec: 1-800-424-9300

Recommended Use: Personal Care

Section 2: Composition/Information on Ingredients:

Chemical Identification: Oil, Tea tree

UN No. 2319: Terpene hydrocarbons, n.o.s. (Tea tree oil)

WHMIS Classification: D2B, B3. Packaging Group: III Class: 3

CAS EU: 85085-48-9 EINECS: 285-377-1

Section 3: Hazard(s) Identification:

Terpinen-4-ol and 1,8-cineol.

Section 4: Physical and Chemical Properties:

Appearance: Colorless to pale yellow clear liquid.

Odor: Characteristic warm, spicy odor.

Solubility: Soluble in alcohol and oils. Insoluble in water.

Specific Gravity: 0.880 - 0.910 @ 20°C

Optical Rotation: 5.0 - 15 @ 20°C

Refractive Index: 1.4750 - 1.4820 @ 20°C

Terpinen-4-ol: 30 - 48 %

1,8-Cineol: Trace - 15 %

?-Terpinene: 10 - 28 %

a-Terpinene: 5 - 13 %

a-Pinene: 1 - 6 %

Sabinene: Trace - 3.5 %

Terpinolene: 1.5 - 5 %

Limonene: 0.5 - 4 %

p-Cymene: 0.5 - 12 %

Extraction Method: Steam distillation of the fresh leaves.

Contents: Terpinen-4-ol, cineol, terpinene, pinene, sabinene, cymene, limonene, terpinolene, terpineol, aromadendrene, cadinene, globulol, viridifloral.

Flash Point: 59 °C (closed cup)

Section 5: Fire-Fighting Measures:

Flash Point: 59 °C closed cup) Combustible liquid. Will ignite if moderately heated.

Section 6: Stability and Reactivity:

Reactivity: Stable.

Decomposition: When heated to decomposition produces toxic fumes and carbon monoxide smoke.

Section 7: Toxicological Information/Information:

Can cause irritation to skin and eyes. Some persons may experience hypersensitivity since it can be allergenic because of cineol. Toxic if ingested.

Oral (rat), LD50 = 1.9 g/kg

Dermal (rabbit), LD50 >5 g/kg

Section 8: Exposure Controls/Personal Protection:

Spillage: Absorb spills, cover with an inert, non-combustible, inorganic absorbent material, and remove to an approved disposal container.

Fire: Recommended extinguishing media - CO₂, foam and dry chemicals. DO NOT use direct water jet on burning material.

Environment: Keep away from drains, surface and ground water.

Storage: Store in cool, dry and well ventilated area protected in tightly closed container away from sources of ignition, heat and sunlight. Keep air contact to minimum.

Section 9: First-Aid Measures:

Eye contact: Flush with water for at least 15 minutes. Call physician if irritation persists.

Inhalation: Remove to fresh air. Avoid casual breathing.

Ingestion: Rinse mouth and consult a physician immediately. Never-give anything by mouth if victim is unconscious, is rapidly-losing consciousness, or is convulsing.

Skin contact: Remove contaminated clothing. Wash with soap and plenty of water.

Section 10: Stability and Reactivity

Stability: Chemically stable. This material presents no significant reactivity hazard.

Conditions to Avoid: Avoid sparks, flame and excessive heat.

Materials to Avoid: Strong oxidizing agents.

Flammability: Combustible liquid.

Hazardous Polymerization: Will not occur. Hazardous Combustion or None known.

Decomposition Products: When heated to decomposition produces acid fumes and carbon monoxide smoke.

Section 11: Toxicological Information

Inhalation: Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Skin Contact: Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis).

Adverse skin effects should be prevented by normal care and personal hygiene

Eye Contact: May irritate eyes.

Ingestion: Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting. Medical Conditions Aggravated: No Known toxicity. Avoid use during pregnancy. by Exposure:

May aggravate dermatitis, psoriasis and other skin conditions.

Chronic Toxicity: May cause allergic reactions on skin

Carcinogenicity Data: None of the components of this material are listed as a carcinogen.

Reproductive Toxicity: No adverse effects on reproduction are known. Acute Toxicity Values: No data is currently available.

Section 12: Ecological Information

Very toxic to aquatic organism may cause long-term adverse effects in the aquatic environment. Avoid any pollution of ground, surface or underground water.

Section 13: Disposal Considerations

Incineration or sanitary landfill in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance

Section 14: Transport Information

Chemical Identification Oils

UN No. 1169 Liquid aromatic extract

Packaging Group: III Class: 3

US DOT Shipping Description: Check appropriate authority

IATA Shipping (Air): Check appropriate authority

IMDG Shipping Description: Check appropriate authority

Section 15: Regulatory Information

WHMIS (Canada): Class 3

HMIS (USA): Health Hazard - Fire Hazard - Reactivity -

SARA 302/ SARA 313: None

California Proposition 65: This product does not contain chemical listed per the Safe Drinking Water and Enforcement Act of 1986.

EU Labeling: R10 Flammable.

Xn R22: Harmful if swallowed.

Xi R38: Irritating to skin

S36/37/38: Wear suitable protective clothing, gloves and eye/face protection.

Section 16: Other Information

Disclaimer

Soapgoods it's affiliates and any other officers, directors or employees, agents, third-party content providers, merchants, sponsors, licensors or the like (now referred to as Soapgoods) cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge, and experience currently available. You expressly agree that your use of this MSDS is at your sole risk. Soapgoods expressly disclaims all express or implied warranties or merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use the ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information refer to a product specification sheet and/or a certificate of analysis.

All information appearing herein is based upon the data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Soapgoods makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Soapgoods control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

Review Date: December 2015