

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 22, 2022

Print Date : May 9, 2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Tea Tree Organic Essential Oil (China)
Botanical name	:	Melaleuca alternifolia
INCI name	:	Melaleuca Alternifolia Leaf Oil
CAS #	:	85085-48-9 / 8022-72-8 / 68647-73-4
Country of Origin	:	China
EINECS #	:	285-377-1
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Flammable liquid - Category 3

Acute Toxicity, oral - Category 4

Skin corrosion/irritation - Category 2

Serious eye damage/irritation - Category 2

Skin Sensitization - Category 1

Aspiration Hazard - Category 1

Aquatic Chronic - Category 2

GHS Label elements, including precautionary statements

Signal: Danger

Hazard statement(s)

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long-lasting effects.

Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash SKIN thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P321	Specific treatment (see section 4 on this label).
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P362	Take off contaminated clothing.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use appropriate extinguishers to extinguish.
P391	Collect spillage.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Melaleuca Alternifolia Leaf Oil	85085-48-9 / 8022-72-8 / 68647-73-4	-	100 %

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus for fire fighting if necessary. Exercise caution when fighting any chemical fire. Use water spray to cool unopened containers.

Special hazards arising from the substance or its combustible products

Nature of decomposition products not known.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat and sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapours/spray. Wear suitable protective clothing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Flammable materials should be stored in a separate storage cabinet or room. Keep away from heat and sources of ignition. Keep container tightly closed in a cool, well-ventilated place. Ground all equipment containing material.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

Provide exhaust ventilation or other engineering controls to keep airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the workstation location.

Eyes

Chemical safety goggles are recommended.

Skin

Use protective clothing such as lab coats and chemical-resistant gloves.

In case of a Large Spill: Full suit, chemically-resistant gloves and boots are required.

Respiratory

Use an approved/certified respirator or equivalent.

In case of a Large Spill: Self-contained breathing apparatus should be used to avoid inhalation of the product.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Colorless to pale yellow clear liquid.
Odor	:	Fresh camphoraceous odor.
Odor threshold	:	No data available.
pH	:	No data available.
Melting Point/Freezing Point	:	No data available.
Initial b.p and boiling range	:	165 °C
Flash point	:	64°C
Evaporation rate	:	No data available.
Vapor pressure	:	No data available.
Relative density	:	0.885 - 0.906 @ 20°C
Solubility (ies)	:	Insoluble in water.
Partition coefficient	:	No data available.
Auto-ignition temperature	:	No data available.
Refractive index	:	1.4750 – 1.4820 @ 20°C
Optical rotation	:	-15° to +5° at 20°C

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Product is stable under normal recommended conditions of storage and handling.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Not available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

No data available.

Mutagenicity

No data available.

Respiratory or skin sensitization

No data available.

Skin corrosion

Not available.

Serious eye damage

Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No ecotoxicological data available. Nonetheless, avoid any pollution of ground, surface or underground water.

Persistence and degradability

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

UN Number

1993

UN proper shipping name

Flammable liquid, n.o.s. (Melaleuca alternifolia oil)

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land)

1993

Proper shipping name

Flammable liquid, n.o.s. (Melaleuca alternifolia oil)

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

1993

Proper shipping name

Flammable liquid, n.o.s. (Melaleuca alternifolia oil)

Class

3

Packaging group

III

IMDG-Marine pollution

Yes.

IATA Shipping Description (Air)

1993

Proper shipping name

Flammable liquid, n.o.s. (Melaleuca alternifolia oil)

Class

3

Packaging group

III

Emergency action in case of accident

Notify police and fire department immediately

15. REGULATORY INFORMATION

California Proposition 65

- This product can expose you to beta-Myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
- This product can expose you to Methyleugenol, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

GHS Hazard Statements

Refer to Section 2.

GHS Precautionary Statements

Refer to Section 2.

16. OTHER INFORMATION

Revision date : April 22,2022

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Ontario, Canada.