

SAFETY DATA SHEET (SDS)

Tea Tree Essential Oil - (Australia)

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Tea Tree Essential Oil - (Australia) - Verified by ECOCERT /Cosmos
Botanical name	:	Melaleuca alternifolia
INCI name	:	Melaleuca alternifolia leaf oil
CAS #	:	85085-48-9
Country of Origin	:	Australia
EINECS #	:	285-377-1
Product use	:	Domestic and Industrial
Supplier	:	ASES CHEMICAL WORKS
Address	:	Brahm Bagh, Jalori Gate, Jodhpur - 342001 Rajasthan-India
Telephone number	:	+91-9636889954
EMail	:	ecom@ases.in
Website	:	www.ases.in

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Flammable liquids - Category 3

Skin Corrosion/Irritation - Category 2

Acute Toxicity - Category 4

Acute Inhalation - Category 4

Aspiration Toxicity - 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
H332	Harmful if inhaled
H411	Toxic to aquatic life with long-lasting effects

Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P233	Keep container tightly closed.
P235	Keep cool..
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 ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P353	Rinse skin with water/shower.
P361	Take off immediately all contaminated clothing.
P301	IF SWALLOWED:
P302	IF ON SKIN:
P303	IF ON SKIN (or hair):
P304	IF INHALED:
P310	Immediately call a POISON CENTER/doctor
P312	Call a POISON CENTER/ doctor/if you feel unwell.
P313	Get medical advice/attention.
P321	Specific treatment (see ... on this label).
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P332	If skin irritation occurs:
P340	Remove person to fresh air and keep comfortable for breathing.
P352	Wash with plenty of water
P353	Rinse skin with water/shower.
P361	Take off immediately all contaminated clothing.
P362	Take off contaminated clothing.
P364	And wash it before reuse.
P370	In case of fire:
P378	Use ... to extinguish.
P391	Collect spillage.
P403	Store in a well ventilated place.
P405	Store locked up.
P501	Dispose of contents/container to ...

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Tea Tree Oil	85085-48-9	285-3771	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

Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES**Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Thermal decomposition can lead to release of irritating gases and vapors.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures.**

Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

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

Pick up and transfer to properly labelled containers. Soak up with inert absorbent material. Dam up.

7. HANDLING AND STORAGE**Precautions for safe handling**

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**Eyes**

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Clear colorless to pale yellow liquid.
Odor	:	Myrtistic, characteristic
Flash point	:	59°C
Relative density	:	0.885 to 0.906 @ 20°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.4750 to 1.4820 @ 20°C

10. STABILITY AND REACTIVITY**Reactivity**

This material presents no significant reactivity hazard.

Chemical stability

Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION**Inhalation**

May be harmful if inhaled. Causes respiratory tract irritation.

Skin contact

Harmful if absorbed through skin. Causes skin irritation.

Eye contact

Causes eye irritation.

Ingestion

Harmful if swallowed.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

None known.

Persistence and degradability

Not available.

Bio - accumulative potential

Does not bio-accumulate.

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

2319

UN proper shipping name

Terpene hydrocarbons, n.o.s.

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land)

2319

Proper shipping name

Terpene hydrocarbons, n.o.s.

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

2319

Proper shipping name

Terpene hydrocarbons, n.o.s.

Class

3

Packaging group

III

IMO-IMDG code

2319

IATA Shipping Description (Air)

2319

Proper shipping name

Terpene hydrocarbons, n.o.s.

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-Mycrene, 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

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

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. Ases 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 Ases, 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.