



Snow Lotus
47 Foley St Santa Rosa, CA 95403
(800)682-8827 info@snowlotus.org

SAFETY DATA SHEET

Tea Tree Oil

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Commercial name: Tea Tree essential oil
Botanical name: *Melaleuca alternifolia*
INCI name: -
EINECS CAS-no: -
CAS-no: 68647-73-4
Item-no: -
FEMA no: -
FDA no: -

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Fragrances; flavors; aromatherapy
Use Advised against: None in particular

1.3 Details of the supplier of the safety data sheet

Company identification: Snow Lotus
47 Foley St
Santa Rosa, CA 95401
(800)682-8827
info@snowlotus.org

Emergency telephone number

Emergency phone #: CHEMTREC: 800-424-9300

SECTION 2: Hazard Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008:

Physical and chemical hazards: Flammable
Human Health: Acute oral toxicity
Eye irritation
Skin irritation
Skin sensitization
Aspiration toxicity
Environment: Toxic to aquatic life

2.2 Label Elements

Signal word: Warning



Pictograms:

Hazard Statement:

H317: May cause an allergic skin reaction
H411: Toxic to aquatic life with long lasting effects
H315: May cause skin irritation
H401: Toxic to aquatic life

Precautionary statements:

P101: if medical advice is needed, have product container or label at hand
P102: Keep out of the reach of children
P202: Do not handle until all safety precautions have been read and understood
P210: Keep away from flame or other ignition source
P261: Avoid breathing dust/fumes/gas/mist/vapors/spray
P262: Do not get in eyes, on skin or on clothing
P264: Wash hands thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P272: Contaminated work clothing should not be allowed out of workplace
P273: Avoid release into the environment
P280: Wear protective gloves/protective clothing/eye & face protection

SECTION 3: Composition/information on ingredients

3.1 Substances

Name of Component	CAS No.	EINECS No.	% composition	Classification
Melaleuca alternifolia	68647-73-4	-	100%	-
Cineole	470-82-6	207-431-5	15	-
Gamma- terpinene	99-85-4	202-794-6	28	-
Terpinen	562-74-3	209-235-5	48	-
Alpha terpineol	98-55-5	202-680-6	8	-
limonene	5989-27-5	227-813-5	2	-

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Inhalation: Move the exposed person to fresh air if any discomfort is felt.
Ingestion: Immediately rinse mouth and drink water. Do not induce vomiting.
Skin contact: Wash with water and soap.
Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and rinse under eyelids.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation

4.3 Indication of any immediate medical attention and special treatment needed

Get medical attention if any discomfort is felt, and bring these instructions.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Foam, dry powder

Unsuitable extinguishing media: Water jet or fog (spray)

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for the firefighters

Move undamaged containers from immediate hazard area if it can be done safely.

Use full face, self contained breathing apparatus and appropriate protective clothing.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, protective equipment, and emergency procedures

Personnel involved in cleanup should wear appropriate personal protective equipment. Minimize exposure.

Eliminate all sources of ignition and ventilate area using explosion proof equipment.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.

6.3 Methods and material for containment and cleaning up

Contain the source of spill if it is safe to do so. Collect spill with sorbent material. Clean spill area thoroughly.

Large spill: non essential personnel should be evacuated from affected area. Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Use only in a well ventilated area. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing.

When handling, use appropriate personal protective equipment. Wash thoroughly after handling. Keep away from heat, sparks, flame and all other sources of ignition. Releases to the environment should be avoided.

Review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure or environmental releases. Potential points of process emissions of this material to the atmosphere should be controlled with dust collectors, HEPA filtration systems or other equivalent controls.

7.2 Conditions for safe storage, including any incompatibilities

Store in full closed containers in a cool dry area away from heat, light and sources of ignition.

7.3 Specific end use(s)

None in particular.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

No data available.

8.2 Exposure Controls

8.2.1 Engineering Measures:

Ensure adequate ventilation, especially in confined areas.

8.2.2 Individual protection measures:

Good personal hygiene practice:

Wash hands after any contact, before breaks and meals and end of the work.

Eye/face protection:

Goggles

Skin protection:

Gloves

Respiratory problems:

Not needed for normal use in ventilated area.

Thermal hazards: No data available.
8.2.3 Environmental exposure controls: Prevent leakage. Do not let product enter drains.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Colorless to pale yellow liquid
Odor:	Characteristic of Tea Tree
Odor threshold:	No data available
PH:	No data available
Melting point/freezing point:	No data available
Flash point:	55°C
Evaporation rate:	No data available
Flammability (solid,gas):	Not applicable
Upper/lower flammability explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative Density (20°C)	No data available
Solubility in water:	Not soluble
Partition coefficient(n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition:	No data available
Viscosity:	No data available
Refractive index:	1.475 to 1.482
Specific Gravity:	0.860 to 0.920

SECTION 10: Stability and reactivity

10.1 Reactivity:	Stable under recommended storage conditions
10.2 Chemical stability:	Stable under recommended storage conditions
10.3 Possibility of hazardous reaction:	No data available
10.4 Conditions to avoid:	Keep away from heat, spark, flames & all other sources of ignition
10.5 Incompatible materials:	Strong oxidizing agents and strong inorganic acids.
10.6 Hazardous decomposition product:	No data available

SECTION 11: Toxicological Information

11.1 Information on toxicological effects: Harmful if swallowed. May cause seizures, hallucinations, ataxia, diarrhea, sleep, comas. Central nervous system, depression. Rapid absorption maybe expected.

SECTION 12: Ecological Information

Avoid pollution to soil, rivers and the ocean.

SECTION 13: Disposal Considerations

Dispose of waste in accordance with all applicable laws and regulations. Member state specific and community specific provisions must be considered. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced, the best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater.

SECTION 15: Transport Information

UN number:	1993
Transport hazard class:	3
Shipping name:	Flammable liquid nos (tea tree oil)
Packing group:	III