

SAFETY DATA SHEET

SECTION 1: PRODUCT / SUBSTANCE IDENTIFICATION

PRODUCT NAME	:	Tea Tree Essential Oil
BOTANICAL NAME	:	<i>Melaleuca alternifolia</i>
COUNTRY OF ORIGIN	:	Australia
CAS NUMBER	:	68647-73-4
EC NUMBER	:	285-377-1
CONCENTRATION	:	100%
SUPPLIER	:	Brooklyn Botany
ADDRESS	:	6569 Pond Apple Rd. Boca Raton, FL 33433
TELEPHONE NUMBER	:	914-940-5947

SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE

CLASSIFICATION ACCORDING TO THE REGULATION (EC) NO 1272/2008

FLAMMABLE LIQUIDS	:	Category 4, H227
ACUTE TOXICITY (ORAL)	:	Category 4, H302

SKIN IRRITATION	:	Category 2, H315
EYE IRRITATION	:	Category 2A, H319
SPECIFIC TARGET ORGAN TOXICITY	:	Single exposure, Category 3, Respiratory System, H335

2.2 LABEL ELEMENTS



SIGNAL WORD : Warning

2.3 HAZARD STATEMENTS

H227	:	Combustible liquid
H302	:	Harmful if swallowed
H315	:	Causes skin irritation
H319	:	Causes serious eye irritation
H335	:	May cause respiratory irritation

PRECAUTIONARY STATEMENTS

P210	:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	:	Avoid breathing dust, fume, gas, mist, vapors, spray
P264	:	Wash skin thoroughly after handling

P270	:	Do not eat, drink, or smoke when using this product
P271	:	Use only outdoors or in a well-ventilated area
P280	:	Wear protective gloves, protective clothing, eye protection, face protection
P301 + P312	:	If swallowed, call a poison center or doctor/physician if you feel unwell
P302 + P352	:	If on skin, wash with plenty of soap and water
P304 + P340	:	If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338	:	If in contact with eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
P312	:	Call a poison center or doctor/physician if you feel unwell
P321	:	Specific treatment (see supplemental first aid instructions on this label)
P330	:	Rinse mouth
P332 + P313	:	If skin irritation occurs, get medical advice/attention
P337 + P313	:	If eye irritation persists, get medical advice/attention
P362	:	Take off contaminated clothing and wash before reuse
P370 + P378	:	In case of fire, use dry sand, dry chemical or alcohol-resistant foam for extinction
P403 + P233	:	Store in a well-ventilated place. Keep container tightly closed

- P403 + P235** : Store in a well-ventilated place. Keep cool
- P405** : Store locked up
- P501** : Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

CONCENTRATION RANGE OF THE CONSTITUENT (% WEIGHT/WEIGHT)	EC NUMBER/REGISTRATION NUMBER	CAS	CHEMICAL NAME
100%	285-377-1	68647-73-4	MELALEUCUA ALTERNIFOLIA, OIL

SECTION 4: FIRST AID MEASURES

4.1 EYE CONTACT

Remove contact lenses if easily possible. Immediately flush your eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

SKIN CONTACT

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

INHALATION

If inhaled. Remove person to fresh air. Get medical attention if symptoms appear.

INGESTION

Seek medical attention or contact local poison control center.

4.2 MOST IMPORTANT SYMPTOM AND EFFECTS, BOTH ACUTE AND DELAYED

Aspiration hazard. May cause lung damage if swallowed (aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration). May produce an allergic reaction(rash, urticarial). Read label before use.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

N/A

SECTION 5: FIRE FIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING MEDIA

Foam. Dry Powder. Carbon dioxide.

5.2 UNSUITABLE EXTINGUISHING MEDIA

Water spray, water jet.

5.3 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. Closed containers may build up pressure at elevated temperatures. Avoid inhalation of fumes or vapors. Use appropriate respiratory protection. Prevent run-off from fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Do not smoke and do not expose product to open flame or potential source of ignition. Wear appropriate gloves to prevent skin exposure and respiratory protection equipment may be necessary. (Waterproof boots, suitable protective clothing, safety glasses). Prevent any contact with hot surfaces. Do not approach facing the wind.

6.2 ENVIRONMENTAL PRECAUTIONS

Keep away from drains, surface, and groundwater soil.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Clean up any spills as soon as possible, using a non-combustible absorbent material (e.g. dry-lime, sand, soda ash) to collect it. Use suitable disposal containers. Ventilate the area and wash spill site after pickup. Dispose of it in accordance with current laws and regulations.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

No direct lighting. No smoking. Keep away from food, drink and animal feeding stuffs. Avoid contact with skin and eyes. 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.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep away from extreme heat and from freezing conditions and away from all sources of ignition.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

EYES

Use tightly sealed safety 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.

HYGIENE PRACTICES

Wash hands with soap and water after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	Clear to Light Yellow Liquid
ODOR	:	N/A
INITIAL BOILING POINT AND BOILING RANGE	:	165 ° C – lit.
FLASH POINT	:	64 ° C
RELATIVE DENSITY	:	0.898 g/cm ³ at 25 ° C
SOLUBILITY	:	Insoluble in water

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

It presents no significant reactivity hazards by itself or in contact with water. Avoid contact with strong acids, alkali, or oxidizing agents.

10.2 CHEMICAL STABILITY

Stable under normal operating conditions

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions

10.4 CONDITIONS TO AVOID

Heat, flames, and other sources of ignition. No special precautions other than good housekeeping of chemicals.

10.5 INCOMPATIBLE MATERIALS

Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.

10.6 DECOMPOSITION

Carbon monoxide and unidentified organic compounds may be formed during combustion.

SECTION 11: TOXILIGICAL INFORMATION

ACUTE TOXICITY

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

SKIN IRRITATION/CORROSION

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

SERIOUS EYE IRRITATION/DAMAGE

This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

RESPIRATORY OR SKIN SENSITIZATION

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

GERM CELL MUTAGENICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

CARCINOGENICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

REPRODUCTIVE TOXICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

STOT-SINGLE EXPOSURE

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

STOT-REPEATED EXPOSURE

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

ASPIRATION TOXICITY

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 **ACUTE AQUATIC TOXICITY:** Not determined
- 12.2 **PERSISTENCE AND DEGRADABILITY:** N/A
- 12.3 **BIOCONCENTRATION FACTOR:** Not determined
- 12.4 **MOBILITY IN SOIL:** N/A
- 12.5 **RESULTS OF PBT AND vPvB ASSESSMENT:** Not determined
- 12.6 **OTHER ADVERSE EFFECTS:** Do not allow the material to enter streams, sewers, or other waterways

SECTION 13: DISPOSAL CONSIDERATION

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

SECTION 14: TRANSPORT INFORMATION

NON-BULK TRANSPORT / LIMITED AND EXCEPTED QUANTITIES

PACKING GROUP : III
CLASS : 3
GROUND : 450L
PASSENGER AIRCRAFT/RAIL : 60L
CARGO AIRCRAFT ONLY : 220L

**BULK TRANSPORT (GROUND: >450L; PASSENGER AIR: >60L; CARGO AIR: >220L;
MARINE: >450L)**

DOT(US)

UN NUMBER : 1993
PROPER SHIPPING NAME : Flammable liquid, n.o.s. (Tea Tree Oil)
PACKING GROUP : III
CLASS : 3

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND INFORMATION REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Not available.

15.2 CHEMICAL SAFETY ASSESMENT

Not available.

SECTION 16: DISCLAIMER AND 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. Brooklyn Botany 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 Brooklyn Botany, 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 Brooklyn Botany is limited to the value of the goods and does not include any consequential loss. Brooklyn Botany shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Brooklyn Botany 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 State of Florida.