

SAFETY DATA SHEET

Product: Tea Tree Organic EOS61

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Tea Tree Oil (Organic): CAS: 68647-73-4

Other identifiers: Melaleuca alternifolia leaf oil

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

Product uses: [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites;
[SU10] Formulation [mixing] of preparations and/or re-packaging (excluding alloys); [PC39]
Cosmetics, personal care products;

Description: Essential Oil

1.3 Details of the supplier of the safety data sheet

Company name: Purple Flame Aromatherapy Ltd

Company address: St John's Spinney
Gun Hill
New Arley
Warwickshire
CV7 8HA

Contact name: Lorraine Lusty

Company phone: +44 (0) 1676 542542

1.4 Emergency telephone number

Emergency phone: +44 (0) 1676 542542

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification 67/548/EEC:

Xn; R22-65 Xi; R38-43 N; R51/53 R10 Symbols: Xn: Harmful. N: Dangerous for the environment.

Main hazards

Flammable. Harmful if swallowed. Irritating to skin. May cause sensitisation by skin contact.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Harmful: may cause lung damage if swallowed.

Classification – EC 1272/2008

Flam. Liq. 3: H226; Acute Tox. 4: H302; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;

2.2 Label elements

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Hazard pictograms



Signal word: Danger

Hazard statements: Flam. Liq. 3: H226 - Flammable liquid and vapour
 Acute Tox. 4: H302 - Harmful if swallowed.
 Asp. Tox. 1: H304 - May be fatal if swallowed and enter airways
 Skin Irrit. 2: H315 - Causes skin irritation.
 Skin Sens. 1: H317 - May cause an allergic skin reaction
 Eye Irrit. 2: H319 - Causes serious eye irritation.
 Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention: P273 - Avoid release to the environment.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements Response

P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ .
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P331 - Do NOT induce vomiting
 P391 - collect spillage

SUPPLEMENTAL HAZARD INFORMATION

EUH208 - Contains limonene. May produce an allergic reaction.

Section 3. Composition / information on ingredients

3.1 Substances 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
TEA TREE ESSENTIAL OIL (ORGANIC)		68647-73-4	285-377-1		90 - 100%	Xn; R22-65 Xi; R38-43 N; R51/53 R10	

EC 1272/2008

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Section 4. First-aid measures

4.1 Description of first aid measures

- Inhalation:** If unconscious, check for breathing and apply artificial respiration if necessary. Move the exposed person to fresh air. Seek medical attention.
- Eye contact:** Rinse immediately with plenty of water for 15 minutes. Seek medical attention.
- Skin Contact:** Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention.
- Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Inhalation:** The most important known symptoms are described in section 2.2.
- Eye contact:** The most important known symptoms are described in section 2.2.
- Skin Contact:** The most important known symptoms are described in section 2.2.
- Ingestion:** The most important known symptoms are described in section 2.2.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media:

Carbon dioxide (CO₂). Foam. Dry chemical. Do NOT use water jet. Cool fire exposed containers with waterspray.

5.2 Special hazards arising from the substance or mixture

Nature of decomposition products no known

5.3 Advice for fire fighters:

Self-contained breathing apparatus.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective clothing and eye/face protection. Avoid breathing vapours, mist or gas. Avoid sparks, flames, heat and sources of ignition. Eliminate all sources of ignition

6.2 Environmental precautions:

Do not empty into drains. Do not flush into surface water. Do not let product contaminate subsoil.

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6.3 Methods and material for containment and cleaning up:

Absorb with inert, absorbent material. Do not empty into drains; dispose of this material and its container in a safe way

6.4 Reference to other sections:

For disposal see section 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Avoid contact with eyes and skin. Do not breathe gas/fumes/vapour/spray. Avoid sparks, flames, heat and sources of ignition. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed and in a well-ventilated place. Store in a cool, dry area. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from sources of ignition - No smoking.

Section 8. Exposure controls/personal protection

8.2 Control controls



8.2.1 Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practices.

Eye / Face Protection:

Safety glasses. Suitable eye protection.

Skin Protection - Hand Protection:

Wear suitable gloves.

Respiratory Protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

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Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Colourless/Light Yellow
Odour:	Characteristic
Odour Threshold:	Not determined
pH:	Not applicable.
Melting point:	Not determined
Freezing Point:	Not determined
Initial boiling point:	Not determined
Flash point:	53 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.885 - 0.906 (H ₂ O = 1 @ 20 °C)
Fat Solubility:	Not determined
Partition coefficient:	Not determined
Autoignition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not determined
Oxidising properties:	Not determined
Solubility:	Insoluble in water

9.2 Other information:

Conductivity:	Not determined
Surface tension:	Not determined
Gas group:	Not determined
Benzene Content:	Not determined
Lead content:	Not determined
VOC (Volatile organic compounds)	Not determined

Section 10. Stability and reactivity

10.1 Reactivity:

No significant reactivity hazard by itself or in contact with water.

10.2 Chemical stability:

Stable under normal conditions.

10.3 Possibility of hazardous reactions:

No data is available on this product.

10.4 Conditions to avoid:

Avoid sparks, flames, heat and sources of ignition. Keep under 25°C.

10.5 Incompatible materials:

Strong oxidising agents. Acids. Bases

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10.6 Hazardous decomposition products:

Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed. In the event of a fire see section 5.

Section 11. Toxicological information

11.1.4 Toxicological Information:

Oral Rat LD50: 1.9 ml/kg Dermal Rabbit LD50: 5000mg/kg

Section 12. Ecological information

12.3 Bioaccumulative potential

No determined.

Section 13. Disposal considerations

Disposal methods

Do not empty into drains; dispose of this material and its container in a safe way. Contact a licensed waste disposal company.

Disposal of packaging

Contact a licensed waste disposal company.

Section 14. Transport information

Hazard pictograms



14.1 UN number:	UN1169
14.2 UN Proper Shipping Name:	EXTRACTS, AROMATIC LIQUID
14.3 Transport hazard class(es):	
ADD/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-
14.4. Packing Group:	III

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14.5 Environmental hazards:

Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	30
Tunnel category	(D/E)
IMDG	
EmS Code	F-E-S-D
IATA	
Packaging Instruction (Cargo)	366
Maximum quantity	220 L
Packaging Instruction Passage	355
Maximum quantity	60 L

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations:

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2 Chemical Safety Assessment

A chemical safety assessment was not carried out for this substance.

Section 16. Other information

Other information

Text of risk phrases in Section 3

R10 – Flammable
R22 - Harmful if swallowed. R38 - Irritating to skin.
R43 - May cause sensitisation by skin contact.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 - Harmful: may cause lung damage if swallowed.

Text of Hazard Statements in section 3

Flam. Liq. 3: H226 - Flammable liquid and vapour.
Acute Tox. 4: H302 - Harmful if swallowed.
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
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General information

When stored for more than 12 months under advised conditions, check quality of material before use.

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SFurther information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.