

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** TEA TREE AUSTRALIAN**CAS number:** 68647-73-4**EINECS number:** 285-377-1**INCI name:** Melaleuca Alternifolia Leaf Oil**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Company name:** Naissance

Unit 9 Milland Road

Industrial Estate

Neath

Neath Port Talbot

SA11 1NJ

Tel: 0800 0430 826**Email:** info@naissance.co.uk**1.4. Emergency telephone number****Section 2: Hazards identification****2.1. Classification of the substance or mixture**

Classification under CLP: Acute Tox. 4: H302; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1B: H317; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; Acute Tox. 4: H302+312; Acute Tox. 4: H302+312+332; Acute Tox. 4: H302+332; Acute Tox. 4: H312; Acute Tox. 4: H312+332; Acute Tox. 4: H332

Most important adverse effects: Flammable liquid and vapour. Harmful if swallowed. Harmful if swallowed or in contact with skin. Harmful if swallowed, in contact with skin or if inhaled. Harmful if swallowed or if inhaled. May be fatal if swallowed and enters airways. Harmful in contact with skin. Harmful in contact with skin or if inhaled. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. Toxic to aquatic life with long lasting effects.

2.2. Label elements**Label elements:****Hazard statements:** H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

SAFETY DATA SHEET

TEA TREE AUSTRALIAN

Page: 2

H302+312: Harmful if swallowed or in contact with skin.

H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.

H302+332: Harmful if swallowed or if inhaled.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H312+332: Harmful in contact with skin or if inhaled.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P273: Avoid release to the environment.

P301+312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P302+352: IF ON SKIN: Wash with plenty of water/soap.

P305+351+338: 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.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Non-classified ingredients:

[cont...]

SAFETY DATA SHEET

TEA TREE AUSTRALIAN

Page: 3

TERPINEN-4-OL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	-	-	-	30-50%

GAMMA-TERPINENE

-	99-85-4	-	-	10-30%
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ALPHA-TERPINENE

-	99-86-5	-	-	1-10%
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PARA CYMENE

-	99-87-6	-	-	1-10%
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EUCALYPTOL

-	470-82-6	-	-	1-10%
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TERPINOLENE

-	586-62-9	-	-	1-10%
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ALPHA-PINENE

201-291-9	80-56-8	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304	1-10%
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ALPHA-TERPINEOL

-	-	-	-	1-10%
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D-LIMONENE

227-813-5	5989-27-5	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. If irritation persists, seek medical advice.

Eye contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. If irritation persists seek medical advice.

Ingestion: Do not induce vomiting. Wash out mouth with water. Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Causes skin irritation. May cause an allergic skin reaction.

Eye contact: Causes serious eye irritation.

[cont...]

SAFETY DATA SHEET

TEA TREE AUSTRALIAN

Page: 4

Ingestion: No data available.

Inhalation: No data available.

Delayed / immediate effects: No data available.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: If exposed and concerned seek medical advise.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Foam. Dry chemical powder. Water fog. Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: When heated and in case of fire, toxic vapours/gasses may be formed Keep away from ignition source

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation. Avoid skin and eye contact. Wear suitable protective clothing. Evacuate area. Eliminate all sources of ignition. Pay attention to flashback. Take precautionary measures against static discharges.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a suitable container. Shovel into dry containers. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: See Section 12: ECOLOGICAL INFORMATION

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Apply good manufacturing practice and industrial hygiene practices. Avoid direct contact with the substance. Keep away from heat, sparks, open flames and hot surfaces - no smoking. Avoid static discharge Do not eat, drink or smoke whilst handling. Take necessary action to avoid static electricity discharge, which might cause ignition of organic vapours.

[cont...]

SAFETY DATA SHEET

TEA TREE AUSTRALIAN

Page: 5

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed. Keep away from sources of ignition. Keep out of reach of children. Keep away from direct sunlight. Store in a cool, well ventilated area. Avoid exposure to light and heat.

Suitable packaging: No additional data.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Showers, Eyewash stations, Ventilation systems.

Respiratory protection: If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hand protection: Nitrile gloves.

Eye protection: Safety glasses with side-shields. Safety goggles.

Skin protection: Protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless to yellow

Odour: Dirty pine like.

Solubility in water: Insoluble

Flash point°C: 56

Vapour pressure: 0.06kPa

Relative density: 0.892

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No data available.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

[cont...]

SAFETY DATA SHEET

TEA TREE AUSTRALIAN

Page: 6

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Extremes of temperature Direct sunlight. Heat.

10.5. Incompatible materials

Materials to avoid: Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

10.6. Hazardous decomposition products

Section 11: Toxicological information

11.1. Information on toxicological effects

* Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	5170	mg/kg
DERMAL	RBT	LD50	5000	mg/kg

Hazardous ingredients:

D-LIMONENE

ORL	MUS	LD50	5600	mg/kg
ORL	RAT	LD50	4400	mg/kg
SCU	MUS	LD50	3170	mg/kg

* Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated

[cont...]

SAFETY DATA SHEET

TEA TREE AUSTRALIAN

Page: 7

Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated

Symptoms / routes of exposure

Skin contact: Causes skin irritation May cause an allergic skin reaction

Eye contact: Causes serious eye irritation.

Ingestion: No data available.

Inhalation: No data available.

Delayed / immediate effects: No data available.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
Daphnia magna	96H LC50	0.28	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of in accordance with local regulations

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

[cont...]

SAFETY DATA SHEET

TEA TREE AUSTRALIAN

Page: 8

14.1. UN number

UN number: UN1169

14.2. UN proper shipping name

Shipping name: EXTRACTS, AROMATIC, LIQUID

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

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

Specific regulations: I-Limonene 5989-54-8 French RG Number 84

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

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H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.

H302+332: Harmful if swallowed or if inhaled.

H304: May be fatal if swallowed and enters airways.

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H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

[cont...]

SAFETY DATA SHEET

TEA TREE AUSTRALIAN

Page: 9

H332: Harmful if inhaled.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.