

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: TEA TREE OIL
CAS number: 68647-73-4
EC (EINECS) no: 285-377-1
Chemical Name: Definition: the essential oil obtained by the steam distillation from the leaves of the Tea Tree, *Melaleuca alternifolia*, Myrtaceae.
INCI: *Melaleuca alternifolia* leaf oil.
Company name: Just a Soap
Company address: 10 Bunting Road
Bury St Edmunds
IP32 7BX
Telephone number: 01284 848730 Office hours are 9-4 weekdays only.

2. HAZARDS IDENTIFICATION

Classification (1999/45) Xn; R22. R65. Xn; R38/ R43. N; R51/53. R10

Classification (EC 1272/2008)

Physical and chemical hazards: Flam Liq 3 - H226
Human Health: Acute Tox. 4 – H302. Skin Irrit 2-H315;
Skins Sens. 1 – H317; Asp. Tox.1 -H304
Environmental: Aquatic Chronic 2 - H411

Label in accordance with (EC) No. 1272/2008



Signal Word Danger

CONTAINS
4-TERPINEOL
ALPHA PINENE
ALPHA TERPINENE
GAMMA TERPINENE
LIMONENE

Hazard Statements

H226, flammable liquid and vapour.
H302, harmful if swallowed.
H304, may be fatal if swallowed and enters airways.
H315, causes skin irritation.
H317, may cause an allergic skin reaction.
H411, toxic to aquatic life with long lasting effects.

Precautionary Statements

P273, avoid release to the environment.
P280, wear protective gloves/protective clothing/eye protection/face protection.

Supplementary Precautionary Statements

P210, keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233, keep container tightly closed.
P240, ground/bond container and receiving equipment.
P241, use explosion-proof electrical/ventilating/lighting/equipment.
P242, use only non-sparking tools.
P261, avoid breathing dust/fume/gas/mist/vapours/spray.
P264, Wash ... thoroughly after handling
P270, do not eat, drink or smoke when using this product.

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P272, contaminated work clothing should not be allowed out of the workplace.
P301+P310 IF SWALLOWED immediately call a POISON CENTRE or doctor.
P302+312, IF SWALLOWED, call a POISON CENTRE or doctor if you feel unwell.

P302+352, IF ON SKIN: wash with plenty of soap and water.

P303+361+353, IF ON SKIN (or hair) remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P321, specific treatment.

P330, rinse mouth.

P331, do NOT induce vomiting.

P333+313, if skin irritation or rash occurs: get medical advice/attention.

P362, take off contaminated clothing and wash before reuse.

P363, wash contaminated clothing before reuse.

P370+P378, in case of fire: use ...for extinction.

P391, collect spillage.

P403+235, store in a well-ventilated place. Keep cool.

P405, store locked up.

3. COMPOSITION/INFORMATION ON INGREDIENTS

4-TERPINEOL	30-60%	
CAS-No: 562-74-3	EC No: 209-235-5	
Classification (EC 1272/2008)		Classification (67/548)
Acute Tox 4-H302		Xn; R22
Skin Irrit 2-H315		Xi; R38
ALPHA PINENE	1-5%	
CAS-No: 80-56-8	EC No: 201-291-9	
Classification (EC 1272/2008)		Classification (67/548)
Flam Liq 3 – H226		Xn; R65
Skin Sens 1-H317		N; R50/53
Asp. Tox. 1-H304		R43,R10.
Aquatic Acute 1-H400		
Aquatic Chronic 2 – H410		
ALPHA TERPINENE	10-30%	
CAS-No: 99-86-5	EC No: 202-795-1	
Classification (EC 1272/2008)		Classification (67/548)
Flam Liq 3 – H226		Xn; R22, R65
Acute Tox 4 – H302		N; R51/53
Asp Tox1 – H304		R10
Aquatic Chronic 2- H411		
ALPHA TERPINEOL	1-5%	
CAS-No: 98-55-5	EC No: 202-680-6	
Classification (EC 1272/2008)		Classification (67/548)
Skin Irrit 2-H315		Xi; R38
BETA PINENE	<1%	
CAS-No: 127-91-3	EC No:204-872-5	
Classification (EC 1272/2008)		Classification (67/548)
Flam Liq 3. - H226		Xn; R65
Skin Sens 1 -H317		N; R50/53
Asp Tox 1-H304		R43,R10
Aquatic Acute 1 -H400		
Aquatic Chronic 1-H410		
GAMMA TERPINENE	10-30%	
CAS-No: 97-54-1	EC No: 202-590-7	
Classification (EC 1272/2008)		Classification (67/548)
Flam Liq 3-H226		Xn; R65
Asp Tox 1-H304		R10

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LIMONENE

CAS-No: 138-86-3

Classification (EC 1272/2008)

Flam Liq 3 – H226

Skin Irrit 2-H315

Skin Sens 1 – H317

Asp Tox 1-H304

Aquatic Acute 1 – H400

Aquatic Chronic 1 – H410

1-5%

EC No: 205-341-0

Classification (67/548)

Xn; R65

Xi; R38

N; R50/53

R10, R43

PARA-CYMENE

CAS-No: 99-87-6

Classification (EC 1272/2008)

Flam Liq 3 – H226

Asp Tox 1 – H304

Aquatic Chronic 2 - H411

5-10%

EC No: 202-796-7

Classification (67/548)

Xn; R65

N; R51/53

TERPINOLENE

CAS-No: 586-62-9

Classification (EC 1272/2008)

Flam Liq 3 – H226

Asp Tox 1 – H304

Aquatic Chronic 2 - H411

1-5%

EC No: 209-578-0

Classification (67/548)

Xn; R65

EC (EINECS): 285-377-1

CAS No: 68647-73-4

4. FIRST AID MEASURE

GENERAL INFORMATION

Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped.

NOTES TO PHYSICIAN

No specific first aid measures noted.

INHALATION

Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Get medical attention if discomfort continues.

INGESTION

If necessary, rinse the mouth and provide fresh air. Get medical attention if any discomfort continues.

SKIN CONTACT

If necessary remove contaminated clothing and wash skin with soap and water. Get medical attention if discomfort continues.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

5. FIRE FIGHTING EXTINGUISHING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES.

Containers close to fire should be removed or cooled with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS.

No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS

When heated and in case of fire, toxic vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7. HANDLING & STORAGE MEASURES

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, spark and open flame. Protect from freezing and direct sun light.

STORAGE CLASS

Unspecified storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made.

HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable.

SKIN PROTECTION

Wear apron or appropriate clothing in case of splashes.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	clear mobile liquid
Colour	Colourless to pale yellow
Odour	Characteristic fresh camphoraceous
Specific gravity@20 °C	0.885-0.906
Flash point (°C)	57
Refractive index@20°C	1.473-1.482
Optical Rotation	+5° to +15°
Content of terpinene-4-OL:	40% minimum

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong oxidising substances. Strong acids. Strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS

In case of fire, toxic gases (CO, CO₂, Nox) may be formed.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

See section 2

GENERAL INFORMATION

No specific health warnings noted.

INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

INGESTION

No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT

No specific health warnings noted.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

HEALTH WARNINGS

No specific health warnings noted.

MEDICAL SYMPTOMS

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

MEDICAL CONSIDERATIONS

Persons with rash are directed to skin expert for examination of allergic eczema.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Refer to section 2

13. DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste is suitable for incineration.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION





PROPER SHIPPING NAME:	EXTRACTS, AROMATIC, LIQUID
UN NO ROAD	1169
ADR CLASS NO:	3
ADR CLASS	Class 3 : flammable liquids
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(D/E)
HAZARD NO (ADR)	30
ADR LABEL NO	3
HAZCHEME CODE	3YE
UN NO SEA	1169
IMDG CLASS	3
IMDG PACK GR	III
EMS	F-E, S-D
UN NO AIR	1169
AIR CLASS	3
AIR PACK GR	III

15. REGULATORY INFORMATION

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation 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, 93/105/EC and 2000/21/EC, including amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I.2009 No 716)

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace exposure Limits EH40.

16. OTHER INFORMATION

GENERAL INFORMATION

Shelf life 36 months.

RISK PHRASES IN FULL

- R10 Flammable
- R22 Harmful if swallowed
- R38 Irritating to skin
- R40 Limited evidence of carcinogenic effect.
- R43 May cause sensitisation by skin contact
- R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
- R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
- R65 Harmful, may cause lung damage if swallowed.
- R68 Possible risk of irreversible effects.

HAZARD STATEMENTS IN FULL

- H266 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.



- H341 Suspected of causing genetic defects.
- H351 Suspected of causing cancer.
- 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.

DISCLAIMER:

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.