

Safety Data Sheet



01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

Product Name	Tea tree oil Australian				
Biological Definition	The volatile oil obtained by steam distillation from the leaves & twigs of <i>Melaleuca alternifolia</i> L.				
INCI Name	Melaleuca alternifolia leaf oil				
Synonyms & Trade Names	Ti-tree oil				
Supplier	Freshskin Beauty Ltd, Unit 4 Balloon Woods Ind.Est, Coventry Lane, Nottingham , NG9 3GJ United Kingdom . Emergency Tel No: 07846174876				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	N/A				
FEMA No.	3902	FDA No.	N/A	CoE No.	275
CAS-No	85085-48-9/ 68647-73-4	EC No.	285-377-1	EINECS No.	285-377-1

02. HAZARDS IDENTIFICATION

Freshskin Beauty Ltd

Safety Data Sheet

Classification (1999/45)	Xn+N; R10-22-38-43-51/53-65, S24-37-61-62
Classification (EC 1272/2008)	UN-GHS: FL 3, ATO 4(1900), AH 1, SCI 2, EDI 2A, SS 1, EH A2,C2 EU-CLP: FL 3, ATO 4, AH 1, SCI 2, EDI 2, SS 1, EH A2,C2
Label in accordance with (EC) No 1272/2008	    GHS02 GHSS08 GHS07 GHS09
Signal Word	Danger
Contains	Pinenes, 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 H319 Causes serious eye irritation H411 Toxic to aquatic life with long-lasting effects.
Precautionary Statements	P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting P262 Do not get in eyes, on skin or on clothing P280 Wear protective gloves/protective clothing/eye protection/face protection P273 Avoid release to the environment P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
Supplementary Precautionary Statements	P391 Collect spillage
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	Combustible but will not normally self-ignite
Adverse effects on human health	The undiluted oil may cause skin sensitisation

03. COMPOSITION/INFORMATION ON INGREDIENTS

Safety Data Sheet

Terpinen -4-ol 40% UN-GHS: ATO 4(1300); ATD 5(2500); SCI 2, EDI 2A, EH A3
gamma-Terpinene 20% UN-GHS: ATO 5(3850); SCI 3
alpha-Terpinene 9% UN-GHS: ATO 4(1650); SCI 3; EH A2,C2
para-Cymene 5% UN-GHS: ATO 5(4750); SCI 3; EH A2,C2
Cineoles 3% UN-GHS: ATO 5(2500); SCI 3
alpha-Terpineol 3% UN-GHS: ATO 5 (4300);SCI 2; EDI 2A
Pinenes 3% UN-GHS: ATO 5(3700), SCI 2, SS 1
Terpinolene 3% UN-GHS: ATO 5(3850); SCI 3; EH A2,C2
Limonene 1% UN-GHS: SCI 2; SS 1; EH A1,C1.

04. FIRST AID MEASURES

General Information	See categories below
Inhalation	Remove from exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye Contact	Flush with plenty of water and seek medical advice if necessary.

05. FIRE-FIGHTING MEASURES

Safety Data Sheet

Extinguishing Media	Use CO ₂ , Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special Fire Fighting Procedures	Wear protective clothing. Avoid inhalation of vapours.
Specific Hazards	None
Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and should be cooled with water spray

06. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin and eyes
Environmental Precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.

07. HANDLING AND STORAGE

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage Precautions	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Safety Data Sheet

Protective Equipment	Avoid breathing product vapour. Apply local ventilation where possible.
Engineering Measures	Ensure good ventilation of working area
Respiratory Equipment	Ensure good ventilation of working area.
Hand Protection	As required
Eye Protection	Avoid all skin contact. Use chemically resistant gloves if required.
Other Protection	Use safety glasses.
Hygiene Measures	As required
	Wash hands with soap & water after handling.

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Mobile liquid
Colour	Clear colourless to pale yellow.
Odour	Spicy, earthy, myristic
Relative Density	0.885 to 0.906 @ 20°C
Flash Point (°C)	53 c/c
Refractive Index	1.475 to 1.482 @ 20°C
Melting Point (°C)	Not found
Boiling Point (°C)	165 @ 760mm Hg
Vapour Pressure	Not found
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	Not found

10. STABILITY AND REACTIVITY

Freshskin Beauty Ltd , Unit 4 , Balloon Woods Ind Est , Nottingham , Ng9 3gj
 Company Registration Number 07353120 www.freshskin.co.uk

Product Name: Tea tree oil Australian Revision Date: 30/01/2015 Rev No/Repl SDS Generated 02

Safety Data Sheet

Stability	It presents no significant reactivity hazards, by itself or in contact with water.
Conditions to Avoid	Avoid storage temperatures above 25°C
Materials to Avoid	Avoid contact with strong acids, alkalis and oxidising agents.
Hazardous Decomposition Products	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXOLOGICAL INFORMATION

Safety Data Sheet

Acute Toxicity	Acute Oral toxicity (orl rat) 1.9 to 2.6 ml/kg (ATTIA 1997); (orl rat) 1900mg/kg <i>FCT 26, 407</i> (1988). skin-rabbit LDLo 5000 mg/kg <i>FCT 26, 407, 1988</i> . Acute toxicity oral: Classified as category 4 GHS & CLP following criteria under EU 1272/2008
Skin corrosion / irritation	Classified as Category 2 under GHS & CLP following criteria under EU 1272/2008
Serious eye damage / irritation	Classified as Category 2 under GHS & CLP following criteria under EU 1272/2008
Respiratory or skin sensitisation	Classified as Category 1 under GHS & CLP following criteria under EU 1272/2008
Germ Cell Mutagenicity	A batch of Australian Tea Tree Oil was considered to be non clastogenic in the mouse micronucleus test under the conditions of the study. Ref: SCCP Opinion 1155/2008
Carcinogenicity	No data found: SCCP Opinion 1155/2008
Reproductive toxicity	There are no teratogenicity data available for Tea Tree Oil. In addition, the available literature on reproductive toxicity of constituents of Tea Tree Oil is limited. Ref: SCCP Opinion 1155/2008
STOT-single exposure	Data not found
STOT-repeated exposure	Data not found
Aspiration hazard	Category 1 under GHS categorisation following criteria of EU 1272/2008
Photo-toxicity	Not photo-toxic
Other Information	- - -

12. ECOLOGICAL INFORMATION

Safety Data Sheet


Ecotoxicity	Hazardous to the Aquatic Environment - Long-term Hazard Category 2 under EU 1272/2008. Considered a marine pollutant.
Mobility	No data available
Persistence & Biodegradability	No data available
Bioaccumulation Potential	No data available
PBT Assessment Results	No data available
Precautions	Do not discharge into the environment, especially into waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Methods	Avoid disposing to drainage systems and into the environment. May be incinerated together with general household waste in accordance with local regulations and by agreement with local waste disposal management companies and responsible authorities
------------------	---

14. TRANSPORT INFORMATION

Safety Data Sheet

Warning Icon	
Proper Shipping Name	EXTRACTS, AROMATIC, LIQUID (Tea tree oil)
UN No. Road	UN 1169
ADR Class	Class 3
Hazard No (ADR)	Not found
Hazchem Code	3Y
UN No. SEA	UN 1169
IMDG Class	Class 3
IMDG Pack Gr.	Pk Gp III
EMS	F-E, S-E
UN No. AIR	UN 1169
Air Class	Class 3
Air Pack Gr.	Pk Gp III

15. REGULATORY INFORMATION

Freshskin Beauty Ltd

Safety Data Sheet

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC 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. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

16. OTHER INFORMATION

Revision Date	12/2014
Rev No/Repl, SDS Generated	1
Risk Phrases in Full	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.
Hazard Statements in Full	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 H319 Causes serious eye irritation H411 Toxic to aquatic life with long-lasting effects.
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011

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.