

LEMON SCENTED TEA TREE ESSENTIAL OIL – SAFETY DATA SHEET

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Version No: 00
Code: EO100618

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER

Product Name	Lemon Scented Tea Tree Essential Oil
INCI Name	Leptospermum Petersonii Oil
CAS Number	85085-43-4


DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 9 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

HSNO Hazard Classification	Flammable Liquid 4 3.1D Aspiration Hazard 1 6.1E Skin Irritation 2 6.3A Skin Sensitisation 1B 6.5B Eye Damage 1 8.3A Reproductive Toxicity 2 6.8B Aquatic Hazard Chronic 2 9.1B
Hazard Nature	This product is classified as HAZARDOUS under HSNO criteria
Pictogram(s)	
Signal Word	DANGER
Hazard Statement(s)	May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Suspected of damaging fertility or the unborn child. Toxic to aquatic life with long lasting effects.
Prevention Statement(s)	Avoid breathing vapour/ spray. Avoid release to the environment. Wear protective gloves and eye protection. Wash hands and exposed skin thoroughly after handling.
Response Statement(s)	IF SWALLOWED: Immediately call a Poison Center/doctor. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: get medical advice/attention. Do not induce vomiting. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Collect spillage.
Storage Statement(s)	Nil
Disposal Statement(s)	Dispose of contents in accordance with local, state or national legislation.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

% [volume/weight]	Component	CAS No.
≤ 43.5	Citral	5392-40-5
≤ 15.5	Geraniol	106-24-1
≤ 12.2	Citronellal	106-23-0

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SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

≤ 9.0	d-Limonene	5989-27-5
≤ 7.1	Linalool	78-70-6
≤ 6.2	Citronellol	106-22-9
1.0 – 8.0	Terpinen-4-ol	562-74-3
1.0 – 5.0	gamma-Terpinene	99-85-4
1.0 – 5.0	alpha-Pinene	80-56-8
≤ 2.5	1,8-Cineol	470-82-6
≤ 2.0	alpha-Terpinene	99-86-5
≤ 2.0	beta-Caryophyllene	87-44-5
≤ 2.0	para-Cymene	99-87-6
≤ 2.0	Terpinolene	586-62-9
≤ 2.0	Myrcene	123-35-3
≤ 0.8	Eugenol	97-53-0
≤ 0.3	Isoeugenol	97-54-1
≤ 0.25	Farnesol	4602-84-0

SECTION 4 FIRST AID MEASURES

General information	Always remove contaminated clothing immediately.
Inhalation	Get medical attention immediately. Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Ingestion	Get medical attention immediately. Rinse mouth with water and obtain medical attention.
Skin contact	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse.
Most important symptoms	No data available.

Section 5 firefighting measures

Extinguishing media	Foam, CO2, dry chemical powder.
Special hazards arising from substance or mixture	Burning produces irritating, toxic and obnoxious fumes.
Advice for firefighters	Special protective equipment for fire-fighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing.
Environmental precautions	Do not discharge into drains, water courses or onto the ground. Dispose of in line with local authority guidelines.
Methods & material for containment and cleaning up	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling	Handle in accordance with good hygiene and safety practice. Keep away from heat, sparks, open flames and hot surfaces. - no smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation do not eat, drink or smoke when using this product.
Conditions for safe storage	Keep the product container tightly closed, in a dry, ventilated area. Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.
Specific end use	Suitable for cosmetic, flavour, fragrance and professional use only.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS	
Eye protection	Wear protective gloves/eye protection/face protection.
Hand protection	Wear protective gloves/eye protection/face protection.

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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory equipment	Under normal conditions of use and where adequate ventilation is available to prevent build-up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: A) increase ventilation of the area with local exhaust ventilation. B) personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. C) use closed systems for transferring and processing this material.
Hygiene measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Engineering measures	Provide adequate ventilation.
Skin protection	Wear protective clothing to reduce the risk of skin and eye contact.
Personal protection	Avoid inhalation of the product. Avoid contact with skin and eyes.
Other protection	Wear suitable protection to avoid contact with skin and eyes. Do not inhale vapours.
Process conditions	Ensure area is well ventilated. Avoid vapour inhalation. Safety shower & eye bath.
Environmental exposure controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid	Upper/lower flammability	No data
Colour	Pale yellow – yellow	Vapour pressure	No data
Odour	Characteristic	Vapour density	No data
Odour threshold	No data	Relative density	~0.895 @20°C
pH	No data	Solubility	Insoluble in water
Melting/freezing point	No data	Partition coefficient	No data
Boiling point & range	No data	Auto-ignition temperature	No data
Flash point	70°C	Decomposition temperature	No data
Refractive index	~1.475 @20°C	Kinematic viscosity	No data
Flammability	No data	Particle characteristics	No data

SECTION 10 STABILITY AND REACTIVITY

Reactivity	Presents no significant reactivity hazards, by itself or in contact with water. Stable under normal temperature and storage conditions and recommended use.
Chemical stability	Stable under the recommended handling and storage conditions.
Possibility of hazardous reactions	Not expected under normal conditions of use.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Prevent storing the product in open containers for long periods so as to prevent product deterioration.
Incompatible materials	Avoid concentrated acids, alkalis & oxidising agents.
Hazardous decomposition products	This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke & carbon monoxide.

SECTION 11 TOXICOLOGICAL INFORMATION

INFORMATION	
Acute toxicity	Not classified.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory/skin sensitisation	Potential irritant if inhaled.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Suspected of damaging fertility or the unborn child.
STOT – single exposure	Not classified.
STOT – repeated exposure	Not classified.
Aspiration hazard	May be fatal if swallowed and enters airways.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic life with long lasting effects.
Persistence and degradability	No data.
Bio-accumulative potential	No data.
Mobility in soil	No data.
PBT and vPvB assessment	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

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SECTION 12 ECOLOGICAL INFORMATION

Other adverse effects	Do not allow product to enter streams, sewers or other waterways.
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SECTION 13 DISPOSAL CONSIDERATION

Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.

SECTION 14 TRANSPORT INFORMATION

Transport	Road & Rail	Marine	Air
UN number	3082	3082	3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S
Transport hazard class(es)	9	9	9
Packing group	III	III	III

SECTION 15 REGULATORY INFORMATION

HSNO Approval Number	HSR002574
EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18th December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).
Statutory Instruments	The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716).
Approved Code of Practice	Classification & labelling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations.
Guidance Notes	Workplace exposure limits EH40. CHIP for everyone HSG 108.
Chemical Safety Assessment	-

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

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