

## MANUKA ESSENTIAL OIL ORGANIC – SAFETY DATA SHEET

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

#### PRODUCT IDENTIFIER

Product name	Manuka Essential Oil Organic
Use	Aromatherapy, Skin Care, Oral Care, Disinfectant, Preservative
Use advised against	Do not ingest

#### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd
Address	626A Rosebank Road, Avondale Auckland 1026 New Zealand
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	compliance@pureingredients.co.nz

#### EMERGENCY TELEPHONE NUMBER

CHEMICAL	0800 CHEMICAL / 800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	NZ Poisons Centre 0800 POISON (0800 764 766)

### SECTION 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

2.1.1 Regulation (EC) No. 1272/2008 (CLP): Acute Tox. 4; H302 / Skin Irrit. 2; H315 / Eye Irrit. 2; H319

#### 2.2 Label Elements: According to Regulation (EC) No. 1272/2008 (CLP).



Hazard Pictogram:

Signal word(s): Warning

Hazard statement(s): H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary statement(s) P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children.

P280: Wear protective gloves.

P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental information Not applicable.

2.3 Other Hazards: Not classified as PBT or vPvB.

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances:

DEFINITION/BOTANICAL ORIGIN: The semi-volatile oil obtained by steam distillation of the leaves and terminal branches of *Leptospermum Scoparium*.

INCI	Leptospermum scoparium, oil	% w/w	Ca.100
CAS No	223749-44-8	DEFINITION/BOTANICAL ORIGIN	The semi-volatile oil obtained by steam distillation of the leaves and terminal branches of <i>Leptospermum scoparium</i> .

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### SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

#### 4.1 Description of first aid measures

Self-protection of the first aider: No action should be taken involving personal risk. Wear appropriate personal protective equipment, avoid direct contact.  
Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop, obtain medical attention.

Skin Contact: Wash with plenty of water. If irritation (redness, rash, blistering) develops, get medical attention.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.

Ingestion: Rinse mouth. Give plenty of water to drink. Keep patient at rest. Get medical advice/attention if you feel unwell.

#### 4.2 Most important symptoms and effects, both acute and delayed: Irritation of the skin and eyes. Harmful if swallowed.

#### 4.3 Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

### SECTION 5 FIREFIGHTING MEASURES

5.1 Extinguishing media Suitable extinguishing media: Eliminate all ignition sources if safe to do so. May be combustible at higher temperatures. In case of fire use extinguishing media appropriate to surrounding conditions: Water spray, foam, dry powder or CO<sub>2</sub>. Unsuitable Extinguishing Media: Direct water jet may spread the fire.

5.2 Special hazards arising from the substance: Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide.

5.3 Advice for firefighters: Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Chemical protection suit. Heating will cause pressure rise with risk of bursting and subsequent explosion. Keep containers cool by spraying with water if exposed to fire. Evacuate if necessary.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: No action should be taken involving personal risk. Wear appropriate personal protective equipment, avoid direct contact. Avoid splashing.

6.2 Environmental precautions: Do not allow to enter drains, sewers or watercourses.

6.3 Methods and materials for containment and cleaning up: Eliminate all ignition sources if safe to do so. Use only non-sparking tools. Shut off source of leak if safe to do so. Contain spillages. Absorb spillage in inert material and shovel up. Collect as much as possible in clean container for reuse or disposal. Remove contaminated material to safe location for subsequent disposal. Collect leaking and spilled liquid in sealable (metal/plastic) containers as far as possible.

6.4 Reference to other sections: See also section 8,13.

### SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling: Do not eat, drink or smoke when using this product. Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures. Avoid direct contact with the substance.

7.2 Conditions for safe storage, including any incompatibilities: Keep only in the original container in a cool, well-ventilated place away from: Heat and direct sunlight. Keep air contact to a minimum.

7.3 Storage Life: 4 years from date of batch manufacture: If stored in sealed unopened containers under optimum conditions (i.e. inert atmosphere, out of direct sunlight and below 25°C).

7.4 Incompatible materials: Strong acids and oxidizing agents

7.5 Specific end use(s): See section 1.2

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**SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION**

## 8.1 Control parameters

- 8.1.1 Occupational Exposure Limits: No exposure limits have been set for this substance.  
8.1.2 Biological limit value: Not established.  
8.1.3 PNECs and DNELs: Not applicable.

## 8.2 Exposure controls

- 8.2.1 Appropriate engineering controls: Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures. Wash hands and exposed skin thoroughly after handling.  
8.2.2 Personal protection equipment: Use personal protective equipment as required.  
EYE: Wear eye protection with side protection (EN166). Eyewash bottles should be available. SKIN: Hand protection: If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes. *Body protection*: Wear suitable coveralls to prevent exposure to the skin. *Respiratory*: Not normally required. *Thermal hazards*: Not applicable.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

## 9.1 Information on basic physical and chemical properties Appearance

Odour:	Clear Yellow Liquid.
Odour Threshold:	Aromatic odour.
pH:	None.
Melting point/freezing point	None determined
Initial boiling point and boiling range	Not determined.
Flash point	81 - 130°C [SETAFLASH Closed Cup, FD ISO/TR 11018]
Evaporation Rate	Not determined.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density @ 20°C	0.918 – 1.003 [Ph.Eur.2.2.5].
Solubility(ies)	Water: Insoluble.
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition Temperature	Not determined
Viscosity (mPa. s)	Not determined - Viscous liquid
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

**SECTION 10 STABILITY AND REACTIVITY**

- 10.1 Reactivity: Stable under normal conditions.  
10.2 Chemical Stability: Stable under normal conditions.  
10.3 Possibility of hazardous reactions: Hazardous polymerisation will not occur.  
10.4 Conditions to avoid: Avoid prolonged storage at elevated temperature.  
10.5 Incompatible materials: Keep away from oxidising substances. Avoid contact with acids and alkalis.  
10.6. Hazardous decomposition products: Decomposes in a fire giving off toxic fumes: Acrid smoke, Carbon monoxide, Carbon dioxide.

**SECTION 11 TOXICOLOGICAL INFORMATION**

## 11.1 Information on toxicological effects

Acute toxicity	
Oral	Acute Tox. 4; H302: Harmful if swallowed.
Dermal	Based upon the available data, the classification criteria are not met.
Inhalation	Based upon the available data, the classification criteria are not met.
Skin corrosion/irritation	Eye Irrit. 2; H319: Causes serious eye irritation. No data.
Serious eye damage/irritation	Skin Irrit. 2; H315: Causes skin irritation. No data.
Respiratory or skin sensitization	Based upon the available data, the classification criteria are not met
Germ cell mutagenicity	Based upon the available data, the classification criteria are not met
Carcinogenicity	Based upon the available data, the classification criteria are not met
Reproductive toxicity	Based upon the available data, the classification criteria are not met
STOT - single exposure	Based upon the available data, the classification criteria are not met
STOT - repeated exposure	Based upon the available data, the classification criteria are not met
Aspiration hazard	Based upon the available data, the classification criteria are not met

11.2 Other information None

## SECTION 12 ECOLOGICAL INFORMATION

- 12.1 Toxicity: No information available.  
12.2 Persistence and degradability: Not readily biodegradable.  
12.3 Bioaccumulative potential: The product has low potential for bioaccumulation.  
12.4 Mobility in soil: No information available.  
12.5 Results of PBT and vPvB assessment: None of the substances in this product fulfil the criteria for being regarded as a PBT or vPvB substance.  
12.6 Other adverse effects: None known.

## SECTION 13 DISPOSAL CONSIDERATION

- 13.1 Waste treatment methods: Avoid release to the environment. Dispose of wastes in an approved waste disposal facility. Recover or recycle if possible.  
13.2 Additional Information: Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

## SECTION 14 TRANSPORT INFORMATION

	Road/Rail (ADR/RID)	Sea (IMDG/IMSBC)	Air (ICAO/IATA)
14.1 UN number	None assigned.	None assigned.	None assigned.
14.2 UN Proper Shipping Name	None assigned.	None assigned.	None assigned.
14.3 Transport hazard class(es)	None assigned.	None assigned.	None assigned.
14.4 Packing Group	None assigned.	None assigned.	None assigned.
14.5 Environmental hazards	Not classified.	Not classified as a Marine Pollutant	Non classified.
14.6 Special precautions for user	See Section: 2		
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.		

## SECTION 15 REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
15.1.1 EU regulations  
REACH Authorisations and/or Restrictions On Use: None
- 15.1.2 National regulations: Not applicable.  
15.1.3 International regulations  
The International Fragrance Association (IFRA) Code of Practice 48th Amendment Restrictions may apply.  
Check maximum usage levels for skin care products.
- 15.2 Chemical Safety Assessment: A REACH chemical safety assessment has not been carried out.

## 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.

References:  
Manufacturer's Safety Data Sheet

Version: 00 Revision Date: 25/ 07/ 2019: PIL SA117 SDS 0021032018, New issue.  
Version: 01 Revision Date: 04/05/2020: PIL SDS Change of address - no changes to SDS.