

SECTION 1: Identification of the substance/ mixture and of the Company / undertaking

1.1 Product Identifiers

Product Code : 009
Product Name : MANUKA OIL
CAS No. (TSCA) : 223749-44-8
EINECS : N/A
Reach Registration number: N/A
Reach Pre Registration number: N/A

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available
Application of the substance / preparation:
Aromatherapy & Skin care

1.3 Supplier Details: Golden Grove Naturals Pty Ltd

176 Munro Wharf Rd
Tucki Tucki NSW 2480 Australia
Email: info@goldengrovenaturals.com

1.4 Information in case of emergency

Mr. Prasenjit Mazumdar
Ph.: +91 9810008844
Email : ultra@ultraintl.com

SECTION 2 : Hazard Identification

2.1 Classification of the substance / preparation

Classification according to Regulation (EC) No. 1272/2008
Acute Tox. Oral 4 H302: Harmful ifswallowed
Skin Irrit. 2 H315: Causes skin irritation
Eye Irrit. 2 H319: Causes eye irritation

2.2 Label Elements

Labeling according to Regulation (EC) No. 1272/2008
This product is classified and labeled according to the CLP regulation.

GHS Signal Word

WARNING

Hazard Pictograms



GHS07

Hazard Determining components of Labeling

alpha Pinene
beta Caryophyllene

Hazard Statements

H302 Harmful ifswallowed
H315 Causes skin irritation
H319 Causes serious eye irritation

Precautionary Statements

| | |
|--------------|--|
| P301+330+331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting |
| P302+350 | IF ON SKIN: Gently wash with soap and water |
| P305+351+338 | IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – c |

2.3 Other Hazard

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: Composition / Information of Ingredients

3.1 Chemical characterisation: Substance

| | | |
|--------------------------|---|-------------------------------|
| TSCA CAS Number | : | 223749-44-8 |
| EINECS CAS Number | : | N/A |
| Description | : | Leptospermum scoparium |
| EINECS Number | : | N/A |

3.2 Dangerous components:

ALPHA PINENE (CAS No.80-56-8) AH 1, ATO 5, FL 3, SCI 2, SS 1B-H304, H303, H226, H315, H317; Amount: 0.5-3.0%
BETA CARYOPHYLLENE (CAS No. 87-44-5) AH 1, SCI 3-H304, H316; Amount: 1.0-4.0%

3.3 Additional Information :

For the wordings of listed H statements refer to section 16

SECTION 4 : First AID Measures

4.1 Description of first aid measures

General information:

*If health disorder happens, call for medical help immediately.
Immediately remove any clothing soiled by the product.*

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact: *Immediately wash with water and soap and rinse thoroughly.*

After eye contact: *Rinse opened eye for several minutes under running water.*

After swallowing: *Do not induce vomiting; call for medical help immediately.*

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5 : Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, alcohol resistant foam, powder, water spray.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Smoke and soot

Do not use water with full jet to prevent fire spreading.

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Follow safety measures in chapter 7 and 8.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Wipe up little amounts with absorbent material like cloth or pulp.

Water and cleansing agent

Absorb with incombustible liquid-binding material (sand, diatomite, universal binders).

Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections

Keep ignition source away, do not smoke and avoid flames.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 **Precautions for safe handling** personal protection equipment see point 8.

Information about fire - and explosion protection:

Fumes can combine with air to form an explosive mixture.

Moistened solids (e.g. cloth, pulp, filter panel, binder) has to be stored hermetically sealed and/or watered and proper disposed (see chapter 9 and 13).

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 **Conditions for safe storage, including any incompatibilities**

Storage:

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Provide solvent resistant, sealed floor.

Information about storage in one common storage facility: Store away from oxidising agents.

Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Storage class: 3

Classification according to *Betriebssicherheitsverordnung (BetrSichV)* Flammable

7.3 **Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 **Control Parameters**

No Data Available

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Use personal protective equipment depending on concentration and amount of hazardous substance.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Respiratory protection:

Suitable respiratory protection: filter class A2 (brown colour).

Use the rules for application of respiratory protection systems.

Protection of hands:

Preventive skin protection by use of skin-protecting agents is recommended.



Protective gloves

The glove material must be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation **Material of gloves**

The election of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

> 480 minutes at layer thickness of 0,425 millimeter (Sol-Vex 37-695/Ansell).

The exact break through time must be found out by the manufacturer of the protective gloves and must be observed.

For the permanent contact gloves made of the following materials are suitable:

Nitrile rubber, NBR

E.g. following product: Sol-Vex (37-695) from Ansell.

As protection from splashes gloves made of the following materials are suitable: PVC gloves

Eye protection:



Tightly sealed goggles according to EN 166:2001

Body protection: Protective work clothing

SECTION 9: Physical and chemical properties**General Information**

| | | |
|--|---|------------------------------|
| Form | : | Viscous |
| Colour | : | Pale yellow clear liquid |
| Odour | : | Characteristic, acre & woody |
| Odour Threshold | : | N/A |
| Change in Condition | | |
| Melting Point °C | : | N/A |
| Boiling Point °C | : | N/A |
| Flash Point (Closed Cup) °C | : | 98.6°C |
| Specific Gravity/Relative Density | : | 0.920 - 0.990 @20°C |
| Refractive Index | : | 1.496 - 1.506 @20°C |
| Vapour Density | : | N/A |
| Vapour Pressure | : | N/A |
| Solubility: | | |
| Water | : | Insoluble |
| Alcohol | : | 1:6 in 90% ethanol |
| Flammability | : | N/A |
| Auto Ignition Temperature | : | N/A |
| Explosive Limits | | |
| Lower Explosion Limits | : | N/A |
| Upper Explosion Limits | : | N/A |
| pH value | : | N/A |
| Optical Rotation | : | N/A |
| Surface Tension | : | N/A |
| Partition Coefficient | : | N/A |
| Granulometry | : | N/A |
| Oxidising Properties | : | N/A |
| Viscosity | : | N/A |

SECTION 10: Stability and reactivity**10.1 Reactivity****10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

Heating causes vaporisation and formation of ignitable atmosphere is possible.

10.3 Possibility of hazardous reactions

Formation of explosive gas mixture with air possible.

Product is not self igniting; but in case of unpropitious storing conditions (air admission, heat accumulation) self ignition is possible for moistened solids (e.g. cloth, pulp, filter panels, binder).

Reacts violently with oxidising agents.

10.4 Conditions to avoid No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:**

No dangerous decomposition products expected by intended use.

SECTION 11: Toxicological information**11.1 Toxicological Information Acute**

| | |
|-------------------|-------------------|
| Oral | 1060 mg/kg (rat) |
| Inhalation | No data available |
| Skin | >2000 mg/kg (rat) |

11.2 Exposure Limits No data available

Note : There is a blanket recommendation of 10 mg/m³ for inspirable dusts or mists when limits have not otherwise been

SECTION 12: Ecological information**12.1 Toxicity**

| | |
|---------------------|-------------------|
| PNEC Oral | No data available |
| EC50 (48hrs) | No data available |
| LC50 (96hrs) | No data available |

12.2 Persistence and degradability Not Determined**12.3 Mobility in Soil** Not Determined**12.4 Results of PBT and vPvB assessment** No data available**SECTION 13: Disposal considerations****13.1 Waste treatment methods:****Product/packaging disposal**

Handle in accordance with official provisions

Waste treatment options

Recycling is preferred to disposal or burning

Disposal conditions

Dispose of in accordance with all federal, state and local environmental regulations.

13.2 Recommendations:

Empty contaminated packing thoroughly as they may be recycled

Moistened solids to be dispose-off adhering to necessary technical regulations after consulting concerned authorities

SECTION 14: Transport information

Safety data sheet

according to 1907/2006/EC, Article 31

Version : SDS/2013/03

Print Date : 30/1/2017

Product Name : MANUKA OIL

14.1 Land Transport (ADR/RID/GGVSE)

| | |
|----------------------|---------------|
| UN Number | Not regulated |
| DG Class | N/A |
| Packing Group | N/A |
| Proper Shipping Name | N/A |
| Classification code | N/A |

14.2 Sea Transport (IMDG-Code/GGVSE)

| | |
|----------------------|---------------|
| UN Number | Not regulated |
| DG Class | N/A |
| Packing Group | N/A |
| Proper Shipping Name | N/A |
| Marine Pollutant | No |

14.3 Air Transport (ICAO-TI/IATA-DGR)

| | |
|---------------|---------------|
| UN Number | Not regulated |
| DG Class | N/A |
| Packing Group | N/A |

ADR/IMDG/IATA Labels:

14.4 Special precautions for users:

Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash before reuse.

Prevent entry into drains, ground/surface water or sewerage system.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

N/A

Other Information

Custom Tariff Code 3301.29.0000

EmS Code --

SECTION 15: Regulatory information

15.1 EU regulations:

The product has been classified and marked in accordance with EU Directives/ Ordinance on Hazardous Materials.

15.2 Water Hazard Class (Germany): N/A

15.3 Chemical safety Assessment No data available

15.4 Other regulations, limitations and prohibitive regulations

EPA No

TSCA No

DSL No

Preposition 65 No

Comply with the rules and regulations of skin protection.

SECTION 16: Other information

16.1 Abbreviations used:

| | |
|-----------------|--|
| EC | European Commission |
| EU | European Union |
| DG | Dangerous Goods |
| CAS | Chemical Abstract Service |
| EINECS | European Inventory of Existing Commercial chemical Substances |
| GHS | Globally Harmonized System |
| CMR | Carcinogen, Mutagen, Reprotoxic |
| PNEC | Predicted No Effect Concentration |
| EC50 | Effective Concentration 50 percent |
| LC50 | Lethal Concentration 50 percent |
| PBT | Persistent Bioaccumulative and Toxic |
| vPvB | Very Persistent Very Bioaccumulative |
| EWC | European Waste Catalogue |
| EmS | Emergency Medical Services |
| ADR | Transport of Dangerous Goods by Road |
| RID | International Carriage of Dangerous Goods by Rail |
| GGVSE | German Regulation on the Transport of Dangerous Goods by Road and Rail |
| MDG | International Maritime Dangerous Goods |
| ICAO-TI | International Civil Aviation Organization-Technical Instructions |
| IATA-DGR | International Air Transport Association-Dangerous Goods Regulation |
| WGK | Wassergefährdungsklassen |
| EPA | Environmental Protection Agency |
| TSCA | Toxic Substance Control Act |
| DSL | Dangerous Substance List |

16.2 Labelling in accordance with Directive 67/548/EEC

Symbols



R-Phrases

| | |
|--------|-----------------------------|
| R22 | Harmful if swallowed |
| R36/38 | Irritating to eyes and skin |

S-Phrases

| | |
|--------|--|
| S37 | Wear suitable gloves |
| S46 | If swallowed, seek medical advice immediately and show this container or label |
| S24/25 | Avoid contact with skin and eyes |

16.3 Full text of the H-Statement used in Section -3. (follow the link)

http://ec.europa.eu/enterprise/sectors/chemicals/files/ghs/signalwords_hs_ps_en.xls

16.4 Quality Declaration

The information contained herein is based on the present state of our knowledge. It characterizes the product with regards to the appropriate safety precaution.