

## SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

**THIS PRODUCT IS FOR EXTERNAL USE ONLY - DO NOT INGEST**

### 1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

#### Product identifier

**Commercial Name:** NIAOULI OIL ORGANIC  
**INCI Name:** MELALEUCA QUINQUENERVIA OIL  
**CAS No:** 132940-73-9  
**EINECS No:** 310-217-5  
**TSCA CAS No:** 8014-68-8  
**FEMA:**  
**Chemical Name:**  
**Botanical Name:** *Melaluca viridiflora*  
**Origin:** Madagascar



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

**Identified use (s):** Essential Oil. Perfume/fragrance material for manufacturing purposes only.

#### Details of the supplier of the safety data sheet

**Company Name:** SOAPMAKERS STORE  
**Contact:** JOHN BLACK  
**Address:** Unit 3 Quatro Park, Tanners Drive, Milton Keynes MK14 5FJ ENGLAND  
**Telephone :** ☎ + 44 (0) 1908 334108  
**Fax:** ☎ + 44 (0) 1908 211376  
**Email :** ✉ sales@soapmakers-store.com  
**Emergency Tel. No.:** ☎ + 44 (0) 1908 334108

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

According to the current IFRA/ IOFI 2019 Labelling Manual and Regulation (EC) No. 1272/2008 (CLP)

**Symbols:**



**Signal word:** DANGER

| Hazard Class              | Abbreviation | Hazard Category | Hazard Code | Hazard Statement                                |
|---------------------------|--------------|-----------------|-------------|---|
| Flammable Liquid          | FL           | 3               | H226        | Flammable liquid & vapour                       |
| Aspiration Hazard         | AH           | 1               | H304        | May be fatal if swallowed and enters airways    |
| Skin Corrosion/Irritation | SCI          | 2               | H315        | Causes skin irritation                          |
| Skin Sensitisation        | SS           | 1               | H317        | May cause an allergic skin reaction             |
| Eye Damage/Irritation     | EDI          | 2               | H319        | Causes serious eye irritation                   |
| Environmental Acute       | EHA          | 2               | H401        | Toxic to aquatic life                           |
| Environmental Chronic     | EHC          | 2               | H411        | Toxic to aquatic life with long lasting effects |

## UN Global Harmonised System Precautionary Statements (CLP)

|      | <b>Prevention Statements</b>   |
|------|--|
| P210 | Keep away from heat/sparks/open flames/hot surface. No smoking         |
| P233 | Keep container tightly closed  |
| P240 | Ground/bond container and receiving equipment                          |
| P241 | Use explosion-proof electrical, ventilating and lighting equipment     |
| P242 | Use only non-sparking tools  |
| P243 | Take precautionary measures against static discharge                   |
| P264 | Wash hands thoroughly after handling                                   |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray.                      |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P270 | Do not eat drink or smoke when using this product                      |
| P271 | Use only in well-ventilated area                                       |
| P273 | Avoid release to the environment                                       |
|      |  |



|          | <b>Response Statements</b>  |
|----------|---|
| P303/361 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.                    |
| P302/352 | IF ON SKIN: Wash with plenty of soap and water.   |
| P301/310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.                             |
| P304/340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing |
| P333/313 | If skin irritation or rash occurs: Get medical advice/attention.                                |
| P321/363 | Protective clothing should be washed before reuse   |
| P331     | Do NOT induce vomiting.   |
| P332/313 | If skin irritation occurs: Get medical advice/attention   |
| P362     | Take off contaminated clothing and wash before reuse.   |
| P353     | Rinse skin with water/shower.   |
| P370/378 | In case of fire: Use carbon dioxide, foam or dry powder for extinction.                         |
| P391     | Collect spillage  |

|          | <b>Storage and Disposal Statements</b>  |
|----------|---|
| P403/235 | Store in a well ventilated place. Keep cool                                   |
| P405     | Store locked up   |
| P501     | Dispose of contents and container in accordance with international regulation |

### 3. COMPOSITION/INFORMATION ON CONSTITUENTS

**Nature Of Product:** NIAOULI OIL ORGANIC (100% Pure & Natural)

Melaleuca Quinquenervia Oil is an essential oil hydrodistilled from the leaves of the plant, Melaleuca quinquenervia, Myrtaceae. Syn. Melaleuca viridiflora

**EINECS No:** 310-217-5

**CAS No:** 132940-73-9

**TSCA CAS No:** 8014-68-8

**FEMA:**

**FDA:**

**HC (%):** 15

**Constituents:**

These indicative levels should be taken into account when determining the compliance of the essential oil under its condition of use. (IFRA/IOFI Labelling Manual 2019 - Classified constituents  $\geq 0.1\%$ , no Aspiration hazard & Flammability)

| CONSTITUENT                       | CAS NUMBER | <= % | RELEVANT GHS  |
|-----------------------------------|------------|------|---|
| Eucalyptol                        | 470-82-6   | 65.0 | Acute Tox. 5 (Oral);H303 Skin Irrit. 3;H316 Skin Sens. 1B;H317  |
| alpha-Pinene                      | 80-56-8    | 9.0  | Acute Tox. 4 (Oral);H302 Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410    |
| d-limonene                        | 5989-27-5  | 10.0 | Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410                             |
| alpha-Terpineol                   | 98-55-5    | 20.0 | Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Acute 2;H401                           |
| p-Cymene                          | 99-87-6    | 2.0  | ATO 5(4750),EH A2,EH C2,SCI 3   |
| beta-Pinene                       | 127-91-3   | 3.0  | Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410                             |
| beta-Caryophyllene                | 87-44-5    | 3.0  | Skin Sens. 1B;H317 Aquatic Chronic 4;H413   |
| Terpinolene                       | 586-62-9   | 5.0  | Skin Sens. 1B;H317 Skin Irrit. 3;H316 Aquatic Chronic 1;H410 Aquatic Acute 1;H400 Acute Tox. 5 (Oral);H303    |
| Terpinyl acetate (Isomer mixture) | 8007-35-0  | 4.0  | Skin Irrit. 3;H316 Aquatic Acute 2;H401   |
| Myrcene                           | 123-35-3   | 4.0  | Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Acute 1;H400 Aquatic Chronic 2;H411                             |
| 4-Carvomenthenol                  | 562-74-3   | 5.0  | Acute Tox. 4 (Oral);H302 Acute Tox. 5(Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Acute 3;H402 |

|   |
|---|
| <b>3. COMPOSITION/INFORMATION ON CONSTITUENTS</b> |
|---|

| CONSTITUENT                    | CAS NUMBER | <= % | RELEVANT GHS   |
|--------------------------------|------------|------|--|
| p-mentha-1,3-diene             | 99-86-5    | 5.0  | Acute Tox. 4 (Oral);H302 Skin Irrit. 3;H316 Aquatic Acute 2;H401 Aquatic Chronic 2;H411  |
| Nerolidol (isomer unspecified) | 7212-44-4  | 4.0  | Eye Irrit. 2B;H320 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410  |
| Geraniol                       | 106-24-1   | 1.0  | Skin Sens. 1B;H317 Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Acute 3;H402 Acute Tox. 5 (Oral);H303  |
| Linalool                       | 78-70-6    | 1.0  | Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 3;H402   |
| Eugenol                        | 97-53-0    | 0.5  | Acute Tox. 5 (Oral);H303 Skin Irrit. 3;H316 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401   |
| Benzaldehyde                   | 100-52-7   | 0.5  | STOT SE 3;H335 Skin Irrit. 3;H316 Eye Irrit. 2A;H319 Aquatic Acute 2;H401 Acute Tox. 5 (Dermal);H313 Acute Tox. 4 (Oral);H302 Acute Tox. (Inhalation:dust,mist);H332 |
| Nerol                          | 106-25-2   | 1.0  | Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401   |
| Camphene                       | 79-92-5    | 1.0  | Eye Irrit. 2B;H320 Aquatic Acute 1;H400 Aquatic Chronic 1;H410   |

**Allergen Constituents Information (7th Amendment Cosmetic Directive 76/768/EEC):** see Fragrance Allergen Certificate. Batch analysis may show levels different to those indicated above, where this is available, batch specific analyzed levels can then be used instead of the indicative levels.

#### 4. FIRST AID MEASURES

- Ingestion:** Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.

#### 5. FIRE-FIGHTING MEASURES

- Extinguisher:** Use CO<sub>2</sub>, Foam or Powder extinguishers only.  
DO NOT USE WATER JETS.
- Smoke/Fumes:** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO<sub>2</sub> (carbon dioxide).

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal Safety Precautions:** Avoid contact with skin and eyes. Wear safety gloves, clothing and glasses.  
(Consult sections 7 & 8 for additional information)
- Environmental Safety Precautions:** Eliminate all sources of ignition.  
Prevent any material entering drains or waterways  
Absorb spills into an inert absorbent material  
(e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.)  
Wash area clean with water and detergent.  
Transfer all waste to an approved waste disposal container, observing national legislation.

#### 7. HANDLING AND STORAGE

- Handling Precautions:** Only use in a well ventilated area. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.
- Storage Precautions:** Product is stable at room temperature.  
Keep away from sources of ignition.  
Store in tightly sealed containers, in a cool dry place away from direct sunlight.  
Prevent access by unauthorised personnel.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory Protection:** Ensure adequate ventilation.  
If ventilation is insufficient use approved respirators.
- Skin/Hand Protection:** Wear personal protective equipment. Use chemical resistant safety gloves.  
Polyvinyl alcohol or nitrile rubber gloves are recommended.
- Eye/Face Protection:** Wear safety glasses/visors. Ensure eye washes are available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                 |                             |
|---------------------------------|-----------------------------|
| <b>Appearance:</b>              | Light to pale yellow liquid |
| <b>Odour:</b>                   | Aromatic with cineol note   |
| <b>Flash Point:</b>             | 50°C                        |
| <b>Refractive Index @ 20°C:</b> | 1.463 - 1.472               |
| <b>Relative Density @ 20°C:</b> | 0.9040 - 0.925              |
| <b>Solubility in water:</b>     | Insoluble                   |

## 10. STABILITY AND REACTIVITY

**Thermal stability:** Product is stable at room temperature.  
Keep away from any source of ignition.  
Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

**Hazardous reactions:** Avoid strong oxidisers, acids and alkalis.

## 11. TOXICOLOGICAL INFORMATION

**Oral LD50:** N/A **This product is NOT intended for oral use.**

**Dermal LD50:** N/A

LD50 dosage levels are only a guideline obtained from historical data, Soapmakers Store does not test its products on animals.

## 12. ECOLOGICAL INFORMATION

**Ecological effects:** No data available  
Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Do not pour into drains or waterways.  
Comply with local and national regulations for waste disposal.  
Empty containers should be washed thoroughly with detergent before being sent for disposal. Washings should be disposed of as waste.

#### 14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

**UN Shipping Name (N.O.S.):** UN 1169 EXTRACTS, AROMATIC LIQUID  
**ADR/RID (Road/Rail):** Class 3  
**IMDG/IMO (Sea):** Class 3  
**ICAO/IATA (Air):** Class 3  
**UN Number:** 1169  
**Packing Group:** III  
**Subsidiary Risk:**  
**Packing Instructions:** Miscellaneous dangerous substances and articles, transport in suitable container.

#### Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

**UN Shipping Name:** UN 1169 EXTRACTS, AROMATIC LIQUID



#### 15. REGULATORY INFORMATION

**Product Classification:** NIAOULI OIL ORGANIC

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

#### Classification:



**DANGER  
UN 1169**



#### Hazard Categories:

**FL 3** Flammable liquid  
**AH 1** May be fatal if swallowed and enters airways  
**SCI 2** Causes skin irritation  
**EDI 2** Causes serious eye irritation  
**SS 1** May cause an allergic skin reaction  
**EH A2, C2** Toxic to aquatic life  
Toxic to aquatic life with long lasting effects.

#### 16. ADDITIONAL INFORMATION

#### Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Since the conditions of use are out of our control, Soapmakers Store, a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981, shall not be held liable for any damage resulting from handling or from contact with the product. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.