



Certificate of Analysis

| PRODUCT DETAILS | | | | | |
|--|--|---|---------|--------------------------------|--------|
| Product Name | LITSEA CUBEBA OIL ORGANIC | | | | |
| Product Code | OCLITS | | | | |
| INCI Name | Litsea cubeba fruit oil | | | | |
| Batch Number | 4401972 | | | | |
| Best Before End | July 2023 | | | | |
| Identification | EINEC No: 943-438-6 | Cas No: 68855-99-2 | | | |
| | Fema No: 3846 | | | | |
| PHYSICAL AND CHEMICAL CHARACTERISTIC | | | | | |
| | SPECIFICATION RANGE | RESULTS | | | |
| Appearance | Liquid | Conforms | | | |
| Colour | Pale yellow to yellow | Conforms | | | |
| Odour | Characteristic | Conforms | | | |
| Relative Density @20°C | 0.878 - 0.905 | 0.8858 | | | |
| Refractive Index @ 20°C | 1.475 - 1.490 | 1.483 | | | |
| MAIN CONSTITUENTS | | | | | |
| CONSTITUENT RANGE | RESULTS | CONSTITUENT RANGE | RESULTS | CONSTITUENT RANGE | RESULT |
| Geranial $\geq 24.84 - 43.0\leq$ | 39.25% | Neral $\geq 20.24 - 35.0\leq$ | 29.98% | Limonene $\geq 2.3 - 18.0\leq$ | 11.60% |
| Citronellal $\geq 0.01 - 7.0\leq$ | 1.68% | Sabinene $\geq 0.2 - 2.0\leq$ | 1.26% | Myrcene $\geq 0.74 - 1.8\leq$ | 1.41% |
| Nerol $\geq 0.18 - 1.2\leq$ | 0.47% | 1,8-Cineole $\geq 0.31 - 1.7\leq$ | 1.11% | 1,α(-)-Pinene 1-5% | 1.18% |
| Geraniol $\geq 0.01 - 2.9\leq$ | 0.99% | 6-Methyl-5-hepten-2-one $\geq 0.01 - 5.0\leq$ | 1.60% | Linalool $\geq 0.01 - 3.3\leq$ | 1.42% |
| Beta Caryophyllene $\geq 0.01 - 3.0\leq$ | 0.74% | B-(+)-Citronellol $\geq 0.01 - 1.5\leq$ | 0.21% | | |
| STORAGE AND SHELF LIFE | | | | | |
| Storage | Store in tightly closed container with minimum headspace in a cool, dark and dry | | | | |

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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.



**SAFETY DATA SHEET
LITSEA CUBEBA OIL ORGANIC**

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

1.1. Product identifier

| | |
|----------------------------------|-----------------------------|
| Product name | LITSEA CUBEBA OIL ORGANIC |
| Chemical name | Litsea Cubeba Essential Oil |
| Product number | OCLITSCUBE |
| REACH registration number | 01-2120118332-70-XXXX |
| CAS number | 68855-99-2 |
| EC number | 943-438-6 |
| FEMA No: | 3846 |

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

| | |
|------------------------|---------------------------------------|
| Identified uses | Industrial, only for professional use |
|------------------------|---------------------------------------|

1.3. Details of the supplier of the safety data sheet

| | |
|-----------------|--|
| Supplier | MADAR Corporation Limited 19-20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA Tel. +44 1425 655555 (Opening Hours Mon - Fri 9.00am - 5.00pm) e-mail sales@madarcorporation.co.uk |
|-----------------|--|

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

| | |
|------------------------------|--|
| Physical hazards | Not Classified |
| Health hazards | Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 |
| Environmental hazards | Aquatic Chronic 2 - H411 |
| Human health | May be fatal if swallowed and enters airways. The product is irritating to eyes and skin. |
| Environmental | The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. |

2.2. Label elements

| | |
|------------------|-----------|
| EC number | 943-438-6 |
|------------------|-----------|

LITSEA CUBEBA OIL ORGANIC

Hazard pictograms



Signal word

Danger

Hazard statements

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.
 H304 May be fatal if swallowed and enters airways.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 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.
 P331 Do NOT induce vomiting.

Contains

Geranial, Neral, (S)-p-mentha-1,8-diene, (+)-Citronellal, 7-methyl-3-methyleneocta-1,6-diene, 1, 8 cineole, 1,α(-)-Pinene, Geraniol, (-)-linalool, Beta Caryophyllene, Nerol, β-(+)-Citronellol

Supplementary precautionary statements

P261 Avoid breathing vapour/ spray.
 P264 Wash contaminated skin thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P321 Specific treatment (see medical advice on this label).
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P337+P313 If eye irritation persists: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P391 Collect spillage.
 P405 Store locked up.
 P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
|-----------------------|--------------------------------|
| Geranial | >=24.84 to <=43.0 |
| CAS number: 141-27-5 | EC number: 205-476-5 |
| Classification | |
| Skin Irrit. 2 - H315 | |
| Eye Irrit. 2 - H319 | |
| Skin Sens. 1 - H317 | |

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| | |
|---|--------------------------------|
| Neral | >=20.24 to <=35.0 |
| CAS number: 106-26-3 | EC number: 203-379-2 |
| Classification | |
| Skin Irrit. 2 - H315 | |
| Eye Irrit. 2 - H319 | |
| Skin Sens. 1 - H317 | |
| (S)-p-mentha-1,8-diene | >=2.3 to <=18.0 |
| CAS number: 5989-54-8 | EC number: 227-815-6 |
| M factor (Acute) = 1 | M factor (Chronic) = 1 |
| Classification | |
| Flam. Liq. 3 - H226 | |
| Skin Irrit. 2 - H315 | |
| Skin Sens. 1 - H317 | |
| Asp. Tox. 1 - H304 | |
| Aquatic Acute 1 - H400 | |
| Aquatic Chronic 1 - H410 | |
| (+)-Citronellal | >=0.01 to <=7.0 |
| CAS number: 2385-77-5 | EC number: 219-194-5 |
| Classification | |
| Skin Irrit. 2 - H315 | |
| Eye Irrit. 2 - H319 | |
| Skin Sens. 1B - H317 | |
| Sabinene | >=0.2 to <=2.0 |
| CAS number: 3387-41-5 | EC number: 222-212-4 |
| Classification | |
| Acute Tox. 4 - H302 | |
| 7-methyl-3-methylenoocta-1,6-diene | >=0.74 to <=1.8 |
| CAS number: 123-35-3 | EC number: 204-622-5 |
| M factor (Acute) = 1 | M factor (Chronic) = 1 |
| Classification | |
| Flam. Liq. 3 - H226 | |
| Skin Irrit. 2 - H315 | |
| Eye Irrit. 2 - H319 | |
| Asp. Tox. 1 - H304 | |
| Aquatic Acute 1 - H400 | |
| Aquatic Chronic 1 - H410 | |

LITSEA CUBEBA OIL ORGANIC

| | |
|--|------------------------------|
| Verbenol | >=0.01 to <=2.2 |
| CAS number: 473-67-6 | EC number: 207-470-8 |
| Classification | |
| Skin Irrit. 2 - H315 | |
| 1, 8 cineole | >=0.31 to <=1.7 |
| CAS number: 470-82-6 | EC number: 207-431-5 |
| Classification | |
| Flam. Liq. 3 - H226 Skin Sens. 1B - H317 | |
| 1, alpha-(-)-Pinene | 1-5% |
| CAS number: 7785-26-4 | EC number: 232-077-3 |
| M factor (Chronic) = 1 | |
| Classification | |
| Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 1 - H410 | |
| Geraniol | >=0.01 to <=2.9 |
| CAS number: 106-24-1 | EC number: 203-377-1 |
| Classification | |
| Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 | |
| 6-Methyl-5-hepten-2-one | >=0.01 to <=5.0 |
| CAS number: 110-93-0 | EC number: 203-816-7 |
| Classification | |
| Flam. Liq. 3 - H226 | |
| (-)-linalool | >=0.01 to <=3.3 |
| CAS number: 126-91-0 | EC number: 204-811-2 |
| Classification | |
| Skin Corr. 1 - H314 Eye Dam. 1 - H318 Skin Sens. 1B - H317 | |

LITSEA CUBEBA OIL ORGANIC

| | |
|---------------------------|------------------------------|
| Beta Caryophyllene | >=0.01 to <=3.0 |
| CAS number: 87-44-5 | EC number: 201-746-1 |
| M factor (Acute) = 1 | M factor (Chronic) = 1 |
| Classification | |
| Skin Irrit. 2 - H315 | |
| Skin Sens. 1B - H317 | |
| Asp. Tox. 1 - H304 | |
| Aquatic Acute 1 - H400 | |
| Aquatic Chronic 1 - H410 | |
| Nerol | >=0.18 to <=1.2 |
| CAS number: 106-25-2 | EC number: 203-378-7 |
| Classification | |
| Skin Irrit. 2 - H315 | |
| Eye Dam. 1 - H318 | |
| Skin Sens. 1 - H317 | |
| β-(+)-Citronellol | >=0.01 to <=1.5 |
| CAS number: 1117-61-9 | EC number: 214-250-5 |
| Classification | |
| Skin Irrit. 2 - H315 | |
| Eye Irrit. 2 - H319 | |
| Skin Sens. 1B - H317 | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|--|
| Inhalation | Move affected person to fresh air at once. Get medical attention if any discomfort continues. |
| Ingestion | Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. |
| Eye contact | Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product. |

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use as appropriate carbon dioxide (CO₂), dry chemical or foam

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Unsuitable extinguishing media Do not use water, if avoidable.

5.2. Special hazards arising from the substance or mixture

Specific hazards In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO₂), smoke, soot.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Containers close to fire should be removed or cooled with water.

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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 and eyes. Avoid inhalation of vapours.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Cover with inert, inorganic, non-combustible material (e.g dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with local authority guidelines.

6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Do not breathe vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only in well-ventilated areas.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

7-methyl-3-methyleneocta-1,6-diene (CAS: 123-35-3)

DNEL

Workers - Dermal; Long term systemic effects: 0.83 mg/kg
 Workers - Inhalation; Long term systemic effects: 5.83 mg/m³
 General population - Dermal; Long term systemic effects: 0.42 mg/kg
 General population - Inhalation; Long term systemic effects: 1.25 mg/m³

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- PNEC**
- STP; 0.2 mg/l
 - Soil; 1.015 mg/kg
 - Fresh water; 0.00028 mg/l
 - marine water; 0.0008 mg/l
 - Sediment (Freshwater); 5.022 mg/kg
 - Sediment (Marinewater); 0.502 mg/kg

1, 8 cineole (CAS: 470-82-6)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 7.05 mg/m³
 - Workers - Dermal; Long term systemic effects: 2 bw/day, mg/kg
 - General population - Inhalation; Long term systemic effects: 1.74 mg/m³
 - General population - Dermal; Long term systemic effects: 1 bw/day, mg/kg
 - General population - Oral; Long term systemic effects: 600 mg/kg, bw/day

- PNEC**
- Fresh water; Short term 5.7 mg/l
 - Intermittent release, Fresh water; 0.57 mg/l
 - marine water; Short term 5.7 mg/l
 - STP; Short term 10 mg/l
 - Sediment (Freshwater); Short term 1.425 mg/kg
 - Sediment (Marinewater); Short term 0.142 mg/kg
 - Soil; Short term 0.25 mg/kg

1, alpha(-)-Pinene (CAS: 7785-26-4)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 5.69 mg/m³
 - Workers - Dermal; Long term systemic effects: 0.8 mg/kg, bw/day
 - General population - Inhalation; Long term systemic effects: 1 mg/m³
 - General population - Dermal; Long term systemic effects: 0.3 mg/kg, bw/day
 - General population - Oral; Long term systemic effects: 0.3 mg/kg, bw/day

- PNEC**
- Fresh water; Short term 0.303 mg/l
 - Fresh water, Intermittent release; 3.03 mg/l
 - marine water; Short term 0.03 mg/l
 - STP; Short term 6.6 mg/l
 - Sediment (Freshwater); Short term 78.3 mg/kg
 - Sediment (Marinewater); Short term 7.83 mg/kg
 - Soil; Short term 15.8 mg/kg

Geraniol (CAS: 106-24-1)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 161.6 mg/m³
 - Workers - Dermal; Long term systemic effects: 12.5 mg/kg, bw/day
 - General population - Inhalation; Long term systemic effects: 47.8 mg/m³
 - General population - Dermal; Long term systemic effects: 7.5 bw/day, mg/kg
 - General population - Oral; Long term systemic effects: 13.75 bw/day, mg/kg

- PNEC**
- Fresh water; Short term 0.011 mg/l
 - Intermittent release, Fresh water; 0.108 mg/l
 - marine water; Short term 0.001 mg/l
 - STP; Short term 0.7 mg/l
 - Sediment (Freshwater); Short term 0.115 mg/kg
 - Sediment (Marinewater); Short term 0.011 mg/kg
 - Soil; Short term 0.017 mg/kg

8.2. Exposure controls

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Protective equipment



Appropriate engineering controls

Provide eyewash station

Eye/face protection

Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection

Wear protective clothing.

Hygiene measures

Good personal hygiene procedures should be implemented.

Respiratory protection

Generally unnecessary in a well ventilated area.
If ventilation is insufficient, respiratory protection must be worn.

Environmental exposure controls

Avoid discharging into drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------------|---|
| Appearance | Liquid. |
| Colour | Pale yellow to yellow |
| Odour | Characteristic. |
| Melting point | REACH dossier information. Litsea Cubeba Oil is a mobile liquid at 20°C and a mobile liquid after 2 days at -20°C. Therefore, it was concluded that the melting point of Litsea Cubeba Oil is <-20°C. |
| Initial boiling point and range | REACH dossier information. 83 ± 10°C @ 1013 hPa |
| Flash point | REACH dossier information. 68.3±1°C Closed cup. |
| Vapour pressure | REACH dossier information. 60.69 Pa @ 25°C |
| Relative density | 0.878 - 0.905 @ 20°C |
| Solubility(ies) | REACH dossier information. The range of water solubilities of the known constituents of Litsea Cubeba oil was found to be 0.5 - 4364 mg/l at 25°C |
| Partition coefficient | REACH dossier information. The log Kow range of Litsea Cubeba oil constituents was found to be 2.06 - 6.3. 16.90% of the constituents has a log Kow >=4 |
| Optical rotation | +3 to +12 @ 20°C |

9.2. Other information

Refractive index 1.475 - 1.4900 @ 20°C

Hydrocarbon Content

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No hazardous reactions if stored and handled as prescribed / indicated.

10.2. Chemical stability

LITSEA CUBEBA OIL ORGANIC

Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None known.

10.4. Conditions to avoid

Conditions to avoid Keep away from heat, sparks and open flame.

10.5. Incompatible materials

Materials to avoid Strong acids. Strong alkalis. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Prolonged or excessive heat and/or exposure to air may cause decomposition or oxidation of the material.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

ATE oral (mg/kg) 5,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 4,800.0

Species Rabbit

ATE dermal (mg/kg) 4,800.0

Skin corrosion/irritation

Skin corrosion/irritation It was concluded in a study that the substance needs to be classified according to the system described in the Official Journal of European Communities No. L257 (16 September 1983) and classification is also warranted according to the criteria outlined in Annex VI of 67/548/EEC (DSD). However, according to the current criteria for skin irritation/corrosion as outlined in Annex I of 1272/2008/EC (CLP) the substance does not need to be classified anymore for skin irritation/corrosion.

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 96 hour: 4.2 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EL50, 48 hours: 4.2 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 25 mg/l, Freshwater algae
NOEC, 72 hours: 10 mg/l, Freshwater algae

Acute toxicity - microorganisms NOEC, 28 days: 14.2 mg/l, Activated sludge

12.2. Persistence and degradability

LITSEA CUBEBA OIL ORGANIC

Biodegradation Expected to be readily biodegradable.

12.3. Bioaccumulative potential

Partition coefficient REACH dossier information. The log Kow range of Litsea Cubeba oil constituents was found to be 2.06 - 6.3. 16.90% of the constituents has a log Kow ≥ 4

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of in compliance with all local and national regulations.

LITSEA CUBEBA OIL ORGANIC

SECTION 14: Transport information

14.1. UN number

| | |
|------------------|------|
| UN No. (ADR/RID) | 3082 |
| UN No. (IMDG) | 3082 |
| UN No. (ICAO) | 3082 |
| UN No. (ADN) | 3082 |

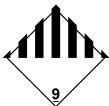
14.2. UN proper shipping name

| | |
|--------------------------------|---|
| Proper shipping name (ADR/RID) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Proper shipping name (IMDG) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Proper shipping name (ICAO) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Proper shipping name (ADN) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |

14.3. Transport hazard class(es)

| | |
|-----------------------------|----|
| ADR/RID class | 9 |
| ADR/RID classification code | M6 |
| ADR/RID label | 9 |
| IMDG class | 9 |
| ICAO class/division | 9 |
| ADN class | 9 |

Transport labels



14.4. Packing group

| | |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group | III |
| ICAO packing group | III |
| ADN packing group | III |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

| | |
|------------------------|----------|
| EmS | F-A, S-F |
| ADR transport category | 3 |
| Emergency Action Code | •3Z |

LITSEA CUBEBA OIL ORGANIC

Hazard Identification Number 90
(ADR/RID)

Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance CHIP for everyone HSG228.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 21/07/2020

Revision 3

Supersedes date 10/02/2017

SDS number 4847

Hazard statements in full H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

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.



Product Specification

| PRODUCT DETAILS | | |
|--------------------------------------|---|----------------------------|
| Product Name | LITSEA CUBEBA OIL ORGANIC | |
| Product Code | OCLITSCUBE | |
| INCI Name | Litsea cubeba fruit oil | |
| Country of Origin | Vietnam | |
| Tariff Number | 33012941 | |
| Natural Status | We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural. | |
| Food Grade Status | We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food. | |
| Kosher Certified | Yes | |
| Halal Certified | We hereby declare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process. | |
| GMO Declaration | To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms. | |
| Manufacturing Process | Obtained by steam distillation from the fruits of litsea cubeba, Lauraceae and optionally by refined distillation. | |
| Identification | EINEC No: 943-438-6 | Cas No: 68855-99-2 |
| | Fema No: 3846 | |
| PHYSICAL AND CHEMICAL CHARACTERISTIC | | |
| Appearance | Liquid | |
| Colour | Pale yellow to yellow | |
| Odour | Characteristic | |
| Relative Density @20°C | 0.878 - 0.905 | |
| Refractive Index @ 20°C | 1.475 - 1.490 | |
| Initial Boiling Point and range | 83 ± 10°C @ 1013 hPa | |
| Flash Point | 68.3 ± 1°C (closed cup) | |
| Vapour Pressure @ 25°C | 6.69 Pa | |
| Optical Rotation @ 20°C | +3 to +12 | |
| FRAGRANCE ALLERGENS | | |
| Citral (5392-40-5) <=78% | Citronellol (1117-61-9) <=1.5% | Geraniol (106-24-1) <=2.9% |
| Limonene (5989-27-5) <=18.0% | Linalool (78-70-6) <=3.3 | |
| FOOD ALLERGENS | | |
| NONE | | |
| IFRA | | |
| Citral (5392-40-5) <=78% | Citronellol (1117-61-9) <=1.5% | Geraniol (106-24-1) <=2.9% |
| STORAGE AND SHELF LIFE | | |
| Storage | Store in tightly closed container with minimum headspace in a cool, dark and dry place. | |

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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.



Vegan Statement

| IDENTIFICATION | |
|--|---------------------------|
| Product: | Litsea Cubeba Oil Organic |
| Cas No: | 68855-99-2 |
| EINECS No: | 943-438-6 |
| STATEMENT | |
| <p>We, MADAR Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan or vegetarian diet.</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p> | |