



ORGANIC CISTUS LABDANUM OIL MOROCCO

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Issue date: 2/2/2015 Revision date: 2/7/2022 Supersedes version of: 7/15/2021 Version: 1.6

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

1.1. Product identifier

| | |
|----------------|---------------------------------------|
| Product form | : Substance |
| Substance name | : ORGANIC CISTUS LABDANUM OIL MOROCCO |
| EC-No. | : 289-711-7 |
| CAS-No. | : 89997-74-0 |
| Product code | : BCISHE01 |
| Synonyms | : CAS N° USA : 8016-26-0 |
| Product group | : Organic essential oil |

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

1.2.1. Relevant identified uses

| | |
|----------------------------------|---|
| Main use category | : Industrial use, Professional use |
| Industrial/Professional use spec | : For professional use only Industrial |

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

EXAFLOR
5 rue des Pyrénées
P.O. Box CP 30561
94653 Rungis Cedex - France
T +33 (0)1 41 73 23 10
exaflor@orange.fr - www.exaflor.co

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Comment |
|---------|----------------------|---------|-------------------|---------|
| | ORFILA (FRANCE) | | +33 1 45 42 59 59 | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

| | |
|---|------|
| Flammable liquids, Category 3 | H226 |
| Skin corrosion/irritation, Category 2 | H315 |
| Serious eye damage/eye irritation, Category 2 | H319 |
| Skin sensitisation, Category 1 | H317 |
| Aspiration hazard, Category 1 | H304 |
| Hazardous to the aquatic environment — Acute Hazard, Category 1 | H400 |
| Hazardous to the aquatic environment — Chronic Hazard, Category 1 | H410 |

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May be fatal if swallowed and enters airways. Very toxic to aquatic life with long lasting effects.

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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS02

GHS07

GHS08

GHS09

Signal word (CLP)

: Danger

Hazard statements (CLP)

: H226 - Flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 - Avoid breathing mist, fume, dust, vapours.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection.
P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor. Do NOT induce vomiting.
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.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Name : ORGANIC CISTUS LABDANUM OIL MOROCCO
CAS-No. : 89997-74-0
EC-No. : 289-711-7

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------------|---|----------|---|
| CAMPHENE | CAS-No.: 79-92-5 EC-No.: 201-234-8 | 23 – 36 | Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| ALPHA-PINENES | CAS-No.: 80-56-8 EC-No.: 201-291-9 | 11 – 25 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| L-BORNYL ACETATE | CAS-No.: 5655-61-8 EC-No.: 227-101-4 | 0 – 15.5 | Not classified |
| EUCALYPTOL | CAS-No.: 470-82-6 EC-No.: 207-431-5 | 0 – 3 | Flam. Liq. 3, H226 |
| BETA-PINENES | CAS-No.: 127-91-3 EC-No.: 204-872-5 | 0.7 – 2 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-----------------|---|-------|--|
| P-CYMENE | CAS-No.: 99-87-6 EC-No.: 202-796-7 | 0 – 2 | Flam. Liq. 3, H226 Repr. 2, H361 Aquatic Chronic 2, H411 |
| D-LIMONENE | CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-029-00-7 | 0 – 2 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| GAMMA-TERPINENE | CAS-No.: 99-85-4 EC-No.: 202-794-6 | 0 – 2 | Flam. Liq. 3, H226 Repr. 2, H361 Asp. Tox. 1, H304 |
| 4-TERPINEOL | CAS-No.: 562-74-3 EC-No.: 209-235-5 | 0 – 2 | Acute Tox. 4 (Oral), H302 (ATE=1300 mg/kg de poids corporel) Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 |

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a physician immediately. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest. |
| First-aid measures after skin contact | : Wash with plenty of water/... Wash contaminated clothing before reuse. If skin irritation occurs: Gently wash with plenty of soap and water. Get medical advice/attention. Specific treatment (see Read label before use. on this label). If skin irritation or rash occurs: Get medical advice/attention. Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : If eye irritation persists: Get medical advice/attention. Get medical advice/attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. Do not induce vomiting. Call a physician immediately. |

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

| | |
|-------------------------------------|--|
| Symptoms/effects after inhalation | : May cause an allergic skin reaction. |
| Symptoms/effects after skin contact | : Causes skin irritation. Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : Causes serious eye irritation. Eye irritation. |
| Symptoms/effects after ingestion | : May be fatal if swallowed and enters airways. Risk of lung oedema. |

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 | : Sand. Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

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Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.
Explosion hazard : May form flammable/explosive vapour-air mixture.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling : Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

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Hygiene measures : Wash hands thoroughly after handling. Wash contaminated clothing before reuse.
Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof ventilating equipment. Ground/bond container and receiving equipment.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources, Direct sunlight. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.
Maximum storage period : 3 year
Storage temperature : 18 (5 – 25) °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses. Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

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Hand protection:

Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | : Liquid |
| Colour | : light yellow. orange. |
| Appearance | : Liquid mobile. |
| Odour | : woody. amber. camphoric. |
| Odour threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Flammable liquid and vapour. |
| Explosive limits | : Not available |
| Lower explosive limit (LEL) | : Not available |
| Upper explosive limit (UEL) | : Not available |
| Flash point | : 44 °C |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| pH | : Not available |
| Viscosity, kinematic | : Not available |
| Solubility | : Insoluble in water. Solubility in ethanol. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50 °C | : Not available |
| Density | : Not available |
| Relative density | : 0.905 – 0.92 |
| Relative vapour density at 20 °C | : Not available |
| Particle size | : Not applicable |
| Particle size distribution | : Not applicable |
| Particle shape | : Not applicable |
| Particle aspect ratio | : Not applicable |
| Particle aggregation state | : Not applicable |
| Particle agglomeration state | : Not applicable |
| Particle specific surface area | : Not applicable |
| Particle dustiness | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Refractive index : 1.455 – 1.475

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SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Sparks. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| ORGANIC CISTUS LABDANUM OIL MOROCCO (89997-74-0) | |
|--|--------------|
| LD50 oral rat | 9000 mg/kg |
| LD50 dermal rabbit | ≈ 5000 mg/kg |
| ALPHA-PINENES (80-56-8) | |
| LD50 oral rat | 3700 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |
| P-CYMENE (99-87-6) | |
| LD50 oral rat | 4750 mg/kg |
| LD50 dermal rabbit | 5000 |
| D-LIMONENE (5989-27-5) | |
| LD50 oral rat | 4400 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |
| GAMMA-TERPINENE (99-85-4) | |
| LD50 oral rat | 3850 |
| 4-TERPINEOL (562-74-3) | |
| LD50 oral rat | 1300 mg/kg |
| LD50 dermal rabbit | 2500 mg/kg |

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| CAMPHENE (79-92-5) | |
|---------------------------|--------------|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 2500 mg/kg |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye irritation. |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |

| D-LIMONENE (5989-27-5) | |
|-------------------------------|----------------------|
| IARC group | 3 - Not classifiable |

| | |
|------------------------|--|
| Reproductive toxicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-single exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |

| 4-TERPINEOL (562-74-3) | |
|-------------------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |

| | |
|------------------------|--|
| STOT-repeated exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Aspiration hazard | : May be fatal if swallowed and enters airways. |

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

11.2.2. Other information

| | |
|---|--|
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met |
|---|--|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : Very toxic to aquatic life with long lasting effects. |
| Ecology - water | : Very toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Very toxic to aquatic life. |
| Hazardous to the aquatic environment, long-term (chronic) | : Very toxic to aquatic life with long lasting effects. |

| ALPHA-PINENES (80-56-8) | |
|------------------------------------|---|
| LC50 - Fish [1] | 0.28 mg/l Pimephales promela (fathead minnow) - 96h |
| LC50 - Other aquatic organisms [1] | 41 mg/l EC50 48h - Daphnia magna [mg/l] |

| P-CYMENE (99-87-6) | |
|---------------------------|---|
| LC50 - Fish [1] | 48 mg/l 96H -Cyprinodon variegatus (Sheep shead minnow) |
| EC50 - Crustacea [1] | 6.5 mg/l EC50 48h - Daphnia magna [mg/l] |
| ErC50 algae | 4.03 mg/l 72h - Scenedesmus capricornutum (Fresh water algae) |

| D-LIMONENE (5989-27-5) | |
|-------------------------------|---|
| LC50 - Fish [1] | 0.702 mg/l Pimephales promela (fathead minnow) -96h |
| EC50 - Crustacea [1] | 69.6 daphnia - 48h |

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| CAMPHENE (79-92-5) | |
|------------------------------------|-----------|
| LC50 - Fish [1] | 0.72 mg/l |
| EC50 - Crustacea [1] | 22 mg/l |
| EC50 - Other aquatic organisms [1] | 1000 |

12.2. Persistence and degradability

| ORGANIC CISTUS LABDANUM OIL MOROCCO (89997-74-0) | |
|---|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |

| ALPHA-PINENES (80-56-8) | |
|--------------------------------|--|
| Persistence and degradability | Readily biodegradable. May cause long-term adverse effects in the environment. |

| BETA-PINENES (127-91-3) | |
|--------------------------------|------------------|
| Persistence and degradability | Not established. |

| P-CYMENE (99-87-6) | |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | 100 % |

| D-LIMONENE (5989-27-5) | |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |

| GAMMA-TERPINENE (99-85-4) | |
|----------------------------------|------------------|
| Persistence and degradability | Not established. |

| 4-TERPINEOL (562-74-3) | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

| CAMPHENE (79-92-5) | |
|---------------------------|--|
| Biodegradation | 4 % aerobic - No readily biodegradable |

12.3. Bioaccumulative potential

| ORGANIC CISTUS LABDANUM OIL MOROCCO (89997-74-0) | |
|---|------------------|
| Bioaccumulative potential | Not established. |

| ALPHA-PINENES (80-56-8) | |
|---|------------------|
| Partition coefficient n-octanol/water (Log Pow) | 4.834 |
| Bioaccumulative potential | Not established. |

| BETA-PINENES (127-91-3) | |
|--------------------------------|------------------|
| Bioaccumulative potential | Not established. |

| P-CYMENE (99-87-6) | |
|---|-----|
| Partition coefficient n-octanol/water (Log Kow) | 4.1 |

| D-LIMONENE (5989-27-5) | |
|-------------------------------|------------------|
| Bioaccumulative potential | Not established. |

| GAMMA-TERPINENE (99-85-4) | |
|----------------------------------|------------------|
| Bioaccumulative potential | Not established. |

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4-TERPINEOL (562-74-3)

Bioaccumulative potential : Not established.

CAMPHENE (79-92-5)

BCF - Fish [1] : 922 mg/l - 56 d - Cyprinus carpio (Carp) - not significantly accumulate

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to contents/container to agreed companies according to national regulations.
Additional information : Handle empty containers with care because residual vapours are flammable. Flammable vapours may accumulate in the container.
Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

UN-No. (ADR) : UN 1169
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : EXTRACTS, AROMATIC, LIQUID
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable
Transport document description (ADR) : UN 1169 EXTRACTS, AROMATIC, LIQUID, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : 3
Danger labels (ADR) : 3

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IMDG

Transport hazard class(es) (IMDG) : Not applicable



IATA

Transport hazard class(es) (IATA) : Not applicable



ADN

Transport hazard class(es) (ADN) : Not applicable



RID

Transport hazard class(es) (RID) : Not applicable



14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

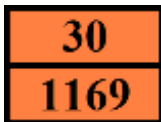
Classification code (ADR) : F1
Special provisions (ADR) : 601, 640E
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E1
Packing instructions (ADR) : P001, IBC03, LP01, R001
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T2
Portable tank and bulk container special provisions (ADR) : TP1
Tank code (ADR) : LGBF

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Vehicle for tank carriage : FL
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Operation (ADR) : S2
Hazard identification number (Kemler No.) : 30
Orange plates :



Tunnel restriction code (ADR) : D/E

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

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

No REACH Annex XVII restrictions

ORGANIC CISTUS LABDANUM OIL MOROCCO is not on the REACH Candidate List

ORGANIC CISTUS LABDANUM OIL MOROCCO is not on the REACH Annex XIV List

ORGANIC CISTUS LABDANUM OIL MOROCCO is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

ORGANIC CISTUS LABDANUM OIL MOROCCO is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV; ID No. 6392)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms

| | |
|-----|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |

ORGANIC CISTUS LABDANUM OIL MOROCCO

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Abbreviations and acronyms | |
|----------------------------|--|
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| CAS-No. | Chemical Abstract Service number |
| N.O.S. | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disrupting properties |

Data sources : 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

| Full text of H- and EUH-statements | |
|------------------------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |

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| Full text of H- and EUH-statements | |
|------------------------------------|--|
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H361 | Suspected of damaging fertility or the unborn child. |
| 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. |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.