



**SAFETY DATA SHEET
FRANKINCENSE OIL ORGANIC**

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

1.1. Product identifier

Product name FRANKINCENSE OIL ORGANIC

Synonyms; trade names Boswellia Serrata Oil

CAS number 97952-72-2

Alternative Cas Number

EC number 308-366-6

FEMA No:

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
Fordinbridge
Hampshire
SP6 1PA
Tel. +44 1425 655555 (Opening Hours 9am - 5pm)
e-mail sales@madarcorporation.co.uk

Approved sellers Cosmetic Butters, Mystic Moments, New Directions, World of Moulds

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 2 - H411

Human health The liquid may be irritating to eyes, respiratory system and skin. Ingestion of even small quantities may be fatal.

Environmental The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

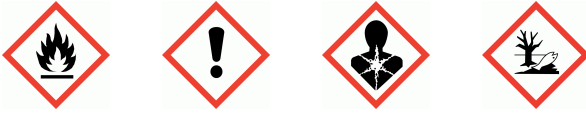
Physicochemical Flammable liquid and vapour

2.2. Label elements

EC number 308-366-6

FRANKINCENSE OIL ORGANIC

Pictogram



Signal word

Danger

Hazard statements

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.
 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.
 P331 Do NOT induce vomiting.
 P262 Do not get in eyes, on skin, or on clothing.

Contains

Alpha Pinene, (R)-p-mentha-1,8-diene

Supplementary precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233 Keep container tightly closed.
 P240 Ground/ bond container and receiving equipment.
 P241 Use explosion-proof electrical equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P261 Avoid breathing vapour/ spray.
 P264 Wash contaminated skin thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
 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.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
 P391 Collect spillage.
 P403+P235 Store in a well-ventilated place. Keep cool.
 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

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| | |
|-------------------------------|------------------------|
| Alpha Pinene | Trace - 10% |
| CAS number: 80-56-8 | EC number: 201-291-9 |
| 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 | |
| Alpha Phellandrene | Trace -10% |
| CAS number: 99-83-2 | EC number: 202-792-5 |
| Classification | |
| Flam. Liq. 3 - H226 | |
| Asp. Tox. 1 - H304 | |
| (R)-p-mentha-1,8-diene | Trace - 5% |
| CAS number: 5989-27-5 | EC number: 227-813-5 |
| 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 | |
| p-Cymene | Trace - 5% |
| CAS number: 99-87-6 | EC number: 202-796-7 |
| Classification | |
| Flam. Liq. 3 - H226 | |
| Asp. Tox. 1 - H304 | |
| Aquatic Chronic 2 - H411 | |

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 if any discomfort continues. |
| Skin contact | Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if any discomfort continues. |

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Eye contact Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes and get medical attention.

Protection of first aiders No specific requirements are anticipated under normal conditions of use.

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

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Acrid smoke or fumes.

5.3. Advice for firefighters

Protective actions during firefighting In case of fire: Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Provide adequate ventilation. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read label before use. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Eliminate all sources of ignition. Do not eat, drink or smoke when using this product.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Provide eyewash station and safety shower.

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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. Keep away from food and drink.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Alpha Pinene (CAS: 80-56-8) FRANKINCENSE OIL ORGANIC

DNEL Workers - Inhalation; Long term systemic effects: 5.98 mg/m³
General population - Oral; Long term systemic effects: 0.31 mg/kg
General population - Inhalation; Long term systemic effects: 1.06 mg/m³

PNEC - STP; 3.26 mg/l
- Soil; 0.539 mg/kg
- Fresh water; 0.004 mg/l
- Marine water; 0.0004 mg/l
- Sediment (Freshwater); 1.033 mg/kg
- Sediment (Marinewater); 0.103 mg/kg

(R)-p-mentha-1,8-diene (CAS: 5989-27-5)

DNEL Workers - Inhalation; Long term systemic effects: 33.3 mg/m³
General population - Oral; Long term systemic effects: 4.76 mg/kg

PNEC - STP; 1.8 mg/l
- Soil; 0.262 mg/kg
- Fresh water; 0.0054 mg/l
- Marine water; 0.00054 mg/l
- Sediment (Freshwater); 1.32 mg/kg
- Sediment (Marinewater); 0.13 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide eyewash station Provide adequate ventilation.

Personal protection

Use personal protection according to Directive 89/686/EEC

Eye/face protection

Approved safety goggles.

Hand protection

Chemical resistant gloves (PVC)

Other skin and body protection

Wear apron or protective clothing in case of contact.

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 | Characteristically strong diffusive, almost like green lemon with sweet woody balsamic undertone. |
| Initial boiling point and range | 133 - 137°C @ 760 mm Hg |
| Flash point | 35-45°C |
| Relative density | 0.830 - 0.890 @ 20°C |
| Solubility(ies) Optical rotation | Negligible in water -15.0 to +35.0°C |

9.2. Other information

| | |
|-------------------------|----------------------|
| Refractive index | 1.440 - 1.490 @ 20°C |
|-------------------------|----------------------|

SECTION 10: Stability and reactivity**10.1. Reactivity**

| | |
|-------------------|---|
| Reactivity | There are no known reactivity hazards associated with this product. |
|-------------------|---|

10.2. Chemical stability

| | |
|------------------|---------------------------------|
| Stability | Stable under normal conditions. |
|------------------|---------------------------------|

10.3. Possibility of hazardous reactions

| | |
|---|-------------|
| Possibility of hazardous reactions | None known. |
|---|-------------|

10.4. Conditions to avoid

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|----------------------------|---|
| Conditions to avoid | Keep away from heat, sparks and open flame. Avoid temperatures above 25°C |
|----------------------------|---|

10.5. Incompatible materials

| | |
|---------------------------|---|
| Materials to avoid | Strong acids. Strong oxidising agents. Alkalis. |
|---------------------------|---|

10.6. Hazardous decomposition products

| | |
|---|--|
| Hazardous decomposition products | Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed. |
|---|--|

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

| | |
|------------------------------|--|
| Toxicological effects | The toxicological effects of this oil have not been thoroughly investigated. |
|------------------------------|--|

Skin corrosion/irritation

| | |
|----------------------------------|--|
| Skin corrosion/irritation | Hazard category 2 under EC 1272/2008 guidelines. |
|----------------------------------|--|

Respiratory sensitisation

| | |
|----------------------------------|--|
| Respiratory sensitisation | Hazard category 1 under EC 1272/2008 guidelines. |
|----------------------------------|--|

Aspiration hazard

| | |
|--------------------------|--|
| Aspiration hazard | Hazard category 1 under EC 1272/2008 guidelines. |
|--------------------------|--|

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SECTION 12: Ecological Information

Ecotoxicity The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 14: Transport information

14.1. UN number

| | |
|------------------|------|
| UN No. (ADR/RID) | 1169 |
| UN No. (IMDG) | 1169 |
| UN No. (ICAO) | 1169 |
| UN No. (ADN) | 1169 |

14.2. UN proper shipping name

Proper shipping name (ADR/RID) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (IMDG) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (ICAO) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (ADN) EXTRACTS, AROMATIC, LIQUID

14.3. Transport hazard class(es)

| | |
|-----------------------------|----|
| ADR/RID class | 3 |
| ADR/RID classification code | F1 |
| ADR/RID label | 3 |
| IMDG class | 3 |
| ICAO class/division | 3 |
| ADN class | 3 |

Transport labels



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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



No.

14.6. Special precautions for user

| | |
|--|----------|
| EmS | F-E, S-D |
| ADR transport category | 3 |
| Emergency Action Code | 3Y |
| Hazard Identification Number (ADR/RID) | 30 |
| Tunnel restriction code | (D/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). |
| Guidance | CHIP for everyone HSG228. |

15.2. Chemical safety assessment

SECTION 16: Other information

| | |
|---------------------------|---|
| Revision date | 14/12/2016 |
| Revision | 1 |
| SDS number | 4793 |
| Hazard statements in full | 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. 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.