



SAFETY DATA SHEET

Organic Copaiba Balsam Essential Oil (*Copaifera officinalis*)

(REGULATION (EC) n° 1907/2006 - REACH)
Version : N°1 (21/10/2022)
Date : 21/10/2022 Page 1/12 Revision : N°4 (21/10/2022)
(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: COPAIBA BALM, ORGANIC
Botanic Name: *Copaifera officinalis* L.
INCI Name: COPAIFERA OFFICINALIS RESIN OIL
N°CAS: /
N°EINECS: /
N°FEMA: /
N°FDA: /
N°CoE: 2043
N°REACH: Unregistered substance as a result of tonnage
UFI : K0TK-6VNR-H20Q-W92W

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

1.3. Details of the supplier of the safety data sheet

Registered company name : NHR Organic Oils
Address : 24 Chatham Place, Brighton BN1 3TN
Telephone : 01273 746505
info@nhrorganicoils.com
www.nhrorganicoils.com

1.4. Emergency telephone number : 01273 746505

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin sensitisation, Category 1 (Skin Sens. 1, H317). Aspiration hazard, Category 1 (Asp. Tox. 1, H304).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS07



GHS08

Signal Word :

DANGER

Product identifiers :

EC 201-746-1	BETA-CARYOPHYLLENE
CAS 495-61-4	L-BETA-BISABOLENE
CAS 29837-07-8	CIS-ALPHA-BISABOLENE
EC 205-476-5	GERANIAL
EC 866-579-4	ALPHA CURCUMÈNE

Hazard statements :

H304 May be fatal if swallowed and enters airways.
 H317 May cause an allergic skin reaction.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements - Prevention :

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...

Precautionary statements - Response :

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
 P302 + P352 IF ON SKIN: Wash with plenty of water/...
 P331 Do NOT induce vomiting.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

2.3. Other hazards

The substance does not fulfil the PBT or vPvP criteria in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Composition :

Identification	(EC) 1272/2008	Note	%
INDEX: I87_44_5 CAS: 87-44-5 EC: 201-746-1 BETA-CARYOPHYLLENE	GHS07, GHS08 Dgr Asp. Tox. 1, H304 Skin Sens. 1B, H317		50 <= x % < 100
INDEX: 01.042 CAS: 23986-74-5 GERMACRA-1(10),4(14),5- TRIENE			10 <= x % < 25
INDEX: 01.043 CAS: 6753-98-6 EC: 229-816-7 3,7,10-HUMULATRIENE			2.5 <= x % < 10
INDEX: I29350_73_0 CAS: 29350-73-0 EC: 249-580-9 CADINENE			2.5 <= x % < 10
INDEX: HEL0006 CAS: 3856-25-5 EC: 223-364-4 COPAENE			2.5 <= x % < 10
INDEX: I495_61_4 CAS: 495-61-4 L-BETA-BISABOLENE	GHS07, GHS08, GHS09 Dgr Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Acute Tox. 4, H332 Aquatic Chronic 2, H411		2.5 <= x % < 10
INDEX: HEL0032 CAS: 30021-74-0 EC: - GAMMA MUUROLENE			0 <= x % < 2.5

INDEX: I28973_97_9 CAS: 28973-97-9 CIS-BETA-FARNESENE			0 <= x % < 2.5
INDEX: I502_61_4 CAS: 502-61-4 EC: 207-948-6 ALPHA-FARNESENE			0 <= x % < 2.5
INDEX: I3338_55_4 CAS: 3338-55-4 EC: 222-081-3 CIS-BETA-OCIMENE	GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 2.5
INDEX: I29837_07_8 CAS: 29837-07-8 CIS-ALPHA-BISABOLENE	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317		0 <= x % < 2.5
INDEX: I141_27_5 CAS: 141-27-5 EC: 205-476-5 GERANIAL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0 <= x % < 2.5
INDEX: I1139_30_6 CAS: 1139-30-6 EC: 214-519-7 CARYOPHYLLENE OXIDE	GHS09 Wng Aquatic Chronic 2, H411		0 <= x % < 2.5
INDEX: HEL0047 CAS: 39029-41-9 EC: / GAMMA CADINENE			0 <= x % < 2.5
INDEX: HEL0038 CAS: 20307-83-9 EC: 866-551-1 BETA SESQUIPHELLANDRENE	GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304		0 <= x % < 2.5
INDEX: HEL0031 CAS: 17066-67-0 EC: - BETA SELINENE			0 <= x % < 2.5
INDEX: HEL0014 CAS: 473-13-2 EC: 610-333-9 7-EPI-ALPHA SÉLINÈNE			0 <= x % < 2.5
INDEX: HEL0010 CAS: 489-39-4 EC: 207-694-6 AROMADENDRÈNE			0 <= x % < 2.5

INDEX: 02.118 CAS: 472-97-9 EC: 207-458-2 BETA-CARYOPHYLLENE ALCOHOL (DELETED, SEE DECISION 2009/163/EC)			0 <= x % < 2.5
INDEX: 02.215 CAS: 552-02-3 EC: 209-003-3 VIRIDIFLOROL (DELETED, SEE DECISION 2009/163/EC)2,6,6,9-TETRAMETHYL- TRICYCLO[6.3.0.0(5.7)] UNDECAN-2-OL			0 <= x % < 2.5
INDEX: 02.129 CAS: 515-69-5 EC: 208-205-9 BISABOLA-1,12-DIEN-8-OL (DELETED, SEE DECISION 2009/163/EC)			0 <= x % < 2.5
INDEX: I673_84_7 CAS: 673-84-7 EC: 211-614-5 2,6-DIMETHYLOCTA-2,4,6-TRIENE	GHS07, GHS08 Dgr Acute Tox. 4, H302 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319		0 <= x % < 2.5
INDEX: I469_61_4 CAS: 469-61-4 EC: 207-418-4 ALPHA-CEDRENE	GHS08, GHS09, GHS07 Dgr Asp. Tox. 1, H304 Skin Irrit. 2, H315 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 10		0 <= x % < 2.5
INDEX: I3796_70_1 CAS: 3796-70-1 EC: 223-269-8 6,10-DIMETHYL-5,9-UNDECADIEN-2-ONE	GHS07, GHS09 Wng Skin Irrit. 2, H315 Aquatic Chronic 2, H411		0 <= x % < 2.5
INDEX: I3779_61_1 CAS: 3779-61-1 EC: 223-241-5 TRANS BETA-OCIMENE, (E)-			0 <= x % < 2.5
INDEX: I17627_43_9 CAS: 17627-43-9 EC: 241-609-3 ISOCARYOPHYLLENE, OXIDE	GHS09 Wng Aquatic Chronic 2, H411		0 <= x % < 2.5
INDEX: HEL0043 CAS: 15051-81-7 EC: 866-515-5	10-EPI-GAMMA-EUDES MOL	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319	
INDEX: HEL0040 CAS: 644-30-4 EC: 866-579-4 ALPHA CURCUMÈNE	GHS07, GHS08 Dgr Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317		0 <= x % < 2.5

INDEX: HEL0017 CAS: 489-40-7 EC: 207-695-1 ALPHA GURJUNENE	GHS08 Dgr Asp. Tox. 1, H304		0 <= x % < 2.5
INDEX: HEL0002 CAS: 15352-77-9 EC: - BISABOLA-1,12-DIEN-8-OL (DELETED, SEE DECISION 2009/163/EC)			0 <= x % < 2.5
INDEX: ACG003 ACIDE PALMITIQUE			0 <= x % < 2.5

Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: I495_61_4 CAS: 495-61-4 L-BETA-BISABOLENE		inhalation: ATE = 1.5 mg/1 4h (dust/mist)
INDEX: I3338_55_4 CAS: 3338-55-4 EC: 222-081-3 CIS-BETA-OCIMENE		oral: ATE = 5000 mg/kg BW
INDEX: I141_27_5 CAS: 141-27-5 EC: 205-476-5 GERANIAL		dermal: ATE = 2250 mg/kg BW
INDEX: I673_84_7 CAS: 673-84-7 EC: 211-614-5 2,6-DIMETHYLOCTA-2,4,6-TRIENE		dermal: ATE = 2400 mg/kg BW oral: ATE = 1900 mg/kg BW

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

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

No data available.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)

- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the substance is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this substance.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention :

- Handle in well-ventilated areas.
- Never inhale this substance.
- Prevent access by unauthorised personnel.

Recommended equipment and procedures :

- For personal protection, see section 8.
- Observe precautions stated on label and also industrial safety regulations.
- Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures :

- No smoking, eating or drinking in areas where the substance is used.

7.2. Conditions for safe storage, including any incompatibilities

- No data available.

Storage

- Keep the container tightly closed in a dry, well-ventilated place.
- Keep away from food and drink, including those for animals.
- The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Packaging

- Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

- No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

- No data available.

8.2. Exposure controls**Personal protection measures, such as personal protective equipment**

- Use personal protective equipment that is clean and has been properly maintained.
- Store personal protective equipment in a clean place, away from the work area.
- Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

- Avoid contact with eyes.
- Use eye protectors designed to protect against liquid splashes
- Before handling, wear safety goggles in accordance with standard EN166.

- Hand protection

- Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.
- Gloves must be selected according to the application and duration of use at the workstation.
- Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
- Type of gloves recommended :
 - Butyl Rubber (Isobutylene-isoprene copolymer)

- Body protection

- Avoid skin contact.
- Wear suitable protective clothing.
- Suitable type of protective clothing :
 - In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.
 - In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.
- Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state

Physical state : Fluid liquid.

Colour

Unspecified

Odour

Odour threshold : Not stated.

Melting point

Melting point/melting range : Not specified.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not specified.

Flammability

Flammability (solid, gas) : Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

Flash point

Flash Point : 100.00 °C.

Auto-ignition temperature

Self-ignition temperature : Not specified.

Decomposition temperature

Decomposition point/decomposition range : Not specified.

pH

pH : Not relevant.

pH (aqueous solution) : Not stated.

Kinematic viscosity

Viscosity : Not stated.

Viscosity : 14 mm²/s < v <= 20,5 mm²/s (40°C)

Solubility

Water solubility : Insoluble.

Fat solubility : Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water : Not stated.

Vapour pressure

Vapour pressure (50°C) : Below 110 kPa (1.10 bar).

Density and/or relative density

Density : 0.935 à 0.945

Relative vapour density

Vapour density : Not stated.

9.2. Other information

Optical rotation : -20 à -15

Index of refraction : 1.500 à 1.510

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This substance is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

When exposed to high temperatures, the substance can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

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

Exposure to vapours from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Repeated or prolonged contact with the substance may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage

May cause an allergic reaction by skin contact.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

11.1.1. Substances

Acute toxicity :

L-BETA-BISABOLENE (CAS: 495-61-4)	
Inhalation route (Dusts/mist) :	LC50 = 1.5 mg/l Duration of exposure : 4 h
GERANIAL (CAS: 141-27-5)	
Dermal route :	LD50 = 2250 mg/kg
2,6-DIMETHYLOCTA-2,4,6-TRIENE (CAS: 673-84-7)	
Oral route :	LD50 = 1900 mg/kg
Dermal route :	LD50 = 2400 mg/kg
CIS-BETA-OCIMENE (CAS: 3338-55-4)	
Oral route :	LD50 = 5000 mg/kg

Aspiration hazard :

May be fatal if swallowed and enters airways.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

11.2. Information on other hazards

SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity**12.2. Persistence and degradability**

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number or ID number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Maritime transport in bulk according to IMO instruments

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SECTION 15: Regulatory information

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

- Container information:

Substance not restricted under Annex XVII of Regulation (EC) no. 1907/2006 (REACH):
<https://echa.europa.eu/substances-restricted-under-reach>.

- Particular provisions :

No data available.

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the substance and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

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.
H332	Harmful if inhaled.
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.

Abbreviations :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

UFI : Unique formulation identifier.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungskategorie (Water Hazard Class).

GHS07 : Exclamation mark

GHS08 : Health hazard

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

Version :

02

Modification date :

21/10/2022

Nature of the modification :

Updated