

Material Safety Data Sheet

Printed : 30/07/2025

Review : 001N23-2-GHS from 30/07/2025

OPOPONAX OIL OPOPO0001

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

OPOPONAX OIL OPOPO0001

REACH no : Exempté - <1 tonne/an
C.A.S number : 8021-36-1 / 100084-96-6

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

Use : Industrial, only for professional use.

1.3. Details of the supplier of the safety data sheet

Company : SAS MATIERES PREMIERES ESSENTIELLES
6, chemin St Joseph
BP 25265
06131 GRASSE CEDEX
Tel:04 93 09 19 27
Fax :04 93 77 89 88
Web :www.mpe-grasse.fr
Email :sales@mpe-grasse.fr

1.4. Emergency telephone number

In case of emergency call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 (UK only).

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification :

RegulationGHS

Asp. Tox. 1 airways.	Aspiration hazard 1	H304 : May be fatal if swallowed and enters
Aquatic Acute 1	Hazardous to the aquatic environment, acute hazard 1	H400 : Very toxic to aquatic life.
Aquatic Chronic 2 lasting effects.	Hazardous to the aquatic environment, long-term hazard	H411 : Toxic to aquatic life with long
Flam. Liq. 4	Flammable Liquids 4	H227 : Combustible liquid
Skin Irrit. 2	Skin corrosion / irritation 2	H315 : Causes skin irritation.
Skin Sens. 1A	Sensitisation, skin 1A	H317 : May cause an allergic skin reaction.

2.2. Label elements

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GHS Classification :

Regulation GHS

Warning mention : Danger

Asp. Tox. 1 Aspiration hazard 1
 Aquatic Acute 1 Hazardous to the aquatic environment, acute hazard 1
 Aquatic Chronic 2 Hazardous to the aquatic environment, long-term hazard 2
 Flam. Liq. 4 Flammable Liquids 4
 Skin Irrit. 2 Skin corrosion / irritation 2
 Skin Sens. 1A Sensitisation, skin 1A

H227 - Combustible liquid
 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.
 H411 - Toxic to aquatic life with long lasting effects.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 - Wash ... thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 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/...
 P331 - Do NOT induce vomiting.
 P332+P313 - If skin irritation occurs: Get medical advice/attention.



2.3. Other hazards

This mixture does not contain any substance on the list drawn up in accordance with Article 59(1) with a concentration greater than or equal to 0.1% exhibiting endocrine disrupting properties in accordance with the criteria set out in Delegated Regulation (EU) 2017 /2100 or in Commission Regulation (EU) 2018/605

Contains 3,7-Dimethyl-1,3,6-octatriene (trans ocimène), Alpha Bisabolene, I-.beta.-Bisabolene

3. COMPOSITION / INFORMATION ON INGREDIENT

List of components to report:

3.1. Substances

Identification number	Substance	Hazard classes and hazard statements	LCS / M-Factor / ATE OELs	Percent %
CAS# 13877-91-3 EINECS# 237-641-2	3,7-Dimethyl-1,3,6-octatriene (trans ocimène)	Asp. Tox. 1, Flam. Liq. 3, Skin Irrit. 3 H304, H226, H316		[40-50]
CAS# 17627-44-0 EINECS# 241-610-9	Alpha Bisabolene	Asp. Tox. 1, Flam. Liq. 4, Skin Irrit. 2, Skin Sens. 1B H304, H227, H315, H317		[20-25]
CAS# 495-61-4 EINECS# n.a.	I-.beta.-Bisabolene	Acute Tox. 4 (Inhala, Aquatic Acute 2, Aquatic Chronic 2, Flam. Liq. 4, Skin Irrit. 2, Skin Sens. 1B H332, H401, H411, H227, H315, H317	ATE (Inhalation) : 11mg/L	[1-5]

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CAS# 1604-28-0 EINECS# 216-507-7	6-Methyl-3,5-heptadien-2-one	Eye Irrit. 2, Eye Irrit. 2A, Flam. Liq. 4, Skin Irrit. 2, Skin Sens. 1B H319, H319, H227, H315, H317	[0-1]
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3.2. Mixtures

NO CONCERNED

4. FIRST AID MEASURES

4.1. Description of first aid measures

General Notes :

If in doubt, always call a doctor.

If Inhaled :

If the person is unconscious, place in the fresh air . Consult a doctor

Contact with skin :

Remove soiled clothing . Wash immediately and abundantly with water.

Contact with eyes :

Abundant rinsing with water then washing with an ocular lotion standard Dacryoserum. Consult an ophthalmologist.

If swallowed :

Do not induce vomiting, maintain the patient at rest. Resort to the medical care.

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

NO CONCERNED

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

NO CONCERNED

5. FIRE FIGHTING

Flammability class : The product is hardly flammable

5.1. Extinguishing media

Appropriate extinction method :

In case of fire, use water spray (or fog) and appropriate fire extinguishers (CO₂, powder ...)

Inappropriate extinction method :

In case of fire, never use direct water stream.

5.2. Special hazards arising from the substance or mixture

Flammability : The product is hardly flammable.

In case of fire, may produce toxic fumes of carbon monoxide (CO) or carbon dioxide (CO₂). Exposure to decomposition products may be hazardous to health. Do not breathe fumes.

5.3. Advice for firefighters

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No specific measure

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Prevent a manager.

Refer to protective measures listed in sections 7 and 8.

For non-emergency personnel:

Avoid breathing vapors. Avoid all contact with skin and eyes. If necessary, evacuate staff by trained operators equipped with safety equipment

For emergency responders:

Appropriate personal protective equipment will be required (refer to Section 8).

Use appropriate personal protective equipment during clean-up.

6.2. Environmental precautions

Prevent contamination of soil and water, while entering into drains, ditches and rivers. Notify authorities if the product penetrates into the sewers or public waters.

6.3. Methods and material for containment and cleaning up

Diking with sand or diatomaceous earth, pumping and rinsing with water after recovery of specific waste in plastic drums and labeled then deliver to an approved waste facility.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4. Reference to other sections

Refer to sections 8 and 13 for information on exposure control, personal protection and disposal.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Wash hands after use.

Reproduce labeling if transfer to another container.

Ensure adequate ventilation.

Provide safety showers and eye washes.

Fire prevention :

Prevent access by unauthorized persons.

Handle in well ventilated areas.

Equipment and procedures :

For personal protection, see Section 8.

Observe precautions stated on the label and regulations of labor protection.

Close the packaging after use.

Avoid inhalation of vapors and contact with skin or eyes.

7.2. Conditions for safe storage, including any incompatibilities

Keep tightly closed containers away from heat sources and protected from extreme temperatures.

Keep containers closed when not in use.

Always keep in appropriate packages (identical to the original material).

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7.3. Specific end use(s)

NO CONCERNED

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Exposition limit (France INRS - ED984 07/2012)

- V.M.E (8 hr)

No component

- V.L.E (15 mn)

No component

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Personal protective equipment :

- Hand protection: Wear gloves.

- Eye protection: Protection not required but recommended.

- Respiratory protection : Wear a mask.

Body protection :

Wear regularly cleaned overalls. In case of contact, all soiled parts should be washed.

Engineering measures :

Avoid contact with eyes, skin or clothing. Do not ingest. Avoid contact with food, drinks.

Do not eat, do not drink and do not smoke during use.

Symbol compulsory wearing of personal protective equipment (PPE):



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Relative density (d₂₀/20) : **[0.850 ; 0.900]**

Refractive index at 20°C : **[1.490 ; 1.500]**

Angular rotation (°) : **[-3 ; -23]**

Color : **light yellow to dark yellow**

Appearance : **liquid**

Odor : **warm, balsamic and woody**

Flash point (° C) : **73**

9.2. Other information

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10. STABILITY AND REACTIVITY

10.1. Reactivity

No dangerous reactions during storage and handling according to specifications.

10.2. Chemical stability

Stable product during storage and handling according to specifications.

10.3. Possibility of hazardous reactions

No dangerous reactions during storage and handling according to specifications.

10.4. Conditions to avoid

Avoid excessive heat (naked flames, sparks, ...).

10.5. Incompatible materials

NO CONCERNED

10.6. Hazardous decomposition products

Thermal decomposition / conditions to be avoided :

Avoid contact with any flame or spark, flame, Overheat. Avoid Direct rays of the sun.
No decomposition if used according to specifications.

Dangerous decomposition products :

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

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

Toxicological Information :

No data available.

Toxicological Informations Acute :

- Oral (mg/kg) : Not classified
- Inhalation (mg/kg) : Not classified
- Skin (mg/kg) : Not classified

11.2. Information on other hazards

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12. ECOLOGICAL INFORMATION

12.1. Toxicity

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Do not leave the product, even diluted or in great quantity, penetrate the ground water, water or the drains.

12.2. Persistence and degradability

NO CONCERNED

12.3. Bioaccumulative potential

NO CONCERNED

12.4. Mobility in soil

NO CONCERNED

12.5. Results of PBT and vPvB assessment

NO CONCERNED

12.6. Endocrine disrupting properties

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12.7. Other adverse effects

NO CONCERNED

13. DISPOSAL RECOMMENDATIONS

13.1. Waste treatment methods

Waste : Do not flush with household garbage. Do not pour into drains or waterways. Dispose of according to current legislation, by a collector or a specialized company.

Contaminated packaging : Keep the label on the container. Give to a certified disposal.

14. TRANSPORT INFORMATION

ADR:



IMDG:



IATA:

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14.1. UN number

ADR : 3082 (Tunel code :(E))
IMDG:3082
IATA :3082

Custom tariff : **33012949**

14.2. UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s (OpoPONax oil)
IMDG:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s (OpoPONax oil)
IATA :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s (OpoPONax oil)

14.3. Transport hazard class(es)

ADR : 9
IMDG:9
IATA :9

14.4. Packing group

ADR : III
IMDG:III
IATA :III

14.5. Environmental hazards

IMDG : Marine pollutant component

14.6. Special precautions for user

NO CONCERNED

14.7. Maritime transport in bulk according to IMO instruments

NO CONCERNED

15. REGULATORY INFORMATION

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

Class of water contamination (Germany) : WGK 2

ICPE calculation : **4510**

15.2. Chemical safety assessment

Contains 3,7-Dimethyl-1,3,6-octatriene (trans ocimène), Alpha Bisabolene, I-.beta.-Bisabolene : Can cause allergic reaction.

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16. OTHER INFORMATION

Full H sentences text in point 3

H226 Flammable liquid and vapour.

H227 Combustible liquid

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H316 Causes mild skin irritation

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H401 Toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects.

Safety data sheet according to regulation (EU) 2020/878.

These indications are founded on the current state of our knowledge, but do not constitute a guarantee as for the properties of the product and do not give place to a contractual legal report.

Modified points : 1.3 2.2 2.3 3.1 9.1 11.1 11.2 12.6 14 14.1 14.2 14.3 14.4 15.1 15.2