



Material Safety Data Sheet

Printed : 11/05/2020

Review : 001NEW-5-GHS from 11/05/2020

AMYRIS OIL AMYRI0001

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

AMYRIS OIL AMYRI0001

REACH no : 01-2120743783-48-0000
Pre-No REACH : 05-2115974850-37-0000
C.A.S Number : 8015-65-4

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 MATIÈRES PREMIÈRES 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

Aquatic Chronic 2 Hazardous to the aquatic environment, long-term hazard H411 : Toxic to aquatic life with long lasting effects.

Skin Irrit. 2 Skin corrosion / irritation 2 H315 : Causes skin irritation.

Skin Sens. 1B Sensitisation, skin 1B H317 : May cause an allergic skin reaction.

2.2. Label elements

GHS Classification :

RegulationGHS

Warning mention : Warning

Aquatic Chronic 2 Hazardous to the aquatic environment, long-term hazard 2

Skin Irrit. 2 Skin corrosion / irritation 2

Skin Sens. 1B Sensitisation, skin 1B

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H411 - Toxic to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

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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.
 P302+P352 - IF ON SKIN: Wash with plenty of water/...
 P332+P313 - If skin irritation occurs: Get medical advice/attention.
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P362 - Take off contaminated clothing.
 P363 - Wash contaminated clothing before reuse.



2.3. Other hazards

Contains I-.beta.-Bisabolene, trans-Nerolidol

3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

3.1. Substances

Material	C.A.S	EINECS	Risk Symbol	Percent %
I-.beta.-Bisabolene	495-61-4	n.a.	Asp. Tox. 1, Skin Irrit. 2, Skin Sens. 1B - H304, H315, H317	[0-1]
trans-Nerolidol	40716-66-3	255-053-4	Eye Irrit. 2B, Aquatic Acute 1, Aquatic Chronic 1, Skin Sens. 1B - H320, H400, H410, H317	[0-1]

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

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

NO CONCERNED

5. FIRE FIGHTING

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Flammability class : The product is not 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 not 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

NO CONCERNED

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.

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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).

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 :

Hands protection : Gloves required. Eyes protection : Not required but recommended. Respiratory protection : Not required if a good ventilation is maintained.

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) : [0.945 ; 0.978]

Refractive index at 20°C : [1.502 ; 1.515]

Angular rotation (°) : [+20 ; +45]

Color : pale yellow to amber yellow

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Appearance : **liquid**Odor : **woody**Flash point (° C) : **>100° C**

9.2. Other information

NO CONCERNED

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 :

No decomposition if used according to specifications.

Dangerous decomposition products :

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological

Toxicological Information :

No data available.

Toxicological Informations Acute :

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

12. ECOLOGICAL INFORMATION

12.1. Toxicity

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

12.2. Persistence and degradability

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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. 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:



14.1. UN number

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

Custom tariff : **33012941**

14.2. UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(l-beta-Bisabolene)
 IMDG:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(l-beta-Bisabolene)
 IATA :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(l-beta-Bisabolene)

14.3. Transport hazard class(es)

ADR : 9
 IMDG:9
 IATA :9

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14.4. Packing group

ADR : III
IMDG:III
IATA :III

14.5. Environmental hazards

IMDG : NO CONCERNED

14.6. Special precautions for user

NO CONCERNED

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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

15.2. Chemical safety assessment

Contient l.-beta.-Bisabolene, trans-Nerolidol : Peut provoquer des allergies.

16. OTHER INFORMATION

Full H sentences text in point 3 :

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H320	Causes eye irritation
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Material security data sheet according to (CE) 1272/2008

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 : 2.1 2.2 3.1 16