

# Safety Data Sheet

Printed : 02/08/2024

Review : 001N23-1-GHS from 02/08/2024

## BERGAMOT OIL, BF DECOLORIZED BERGA0066

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Product identifier

BERGAMOT OIL, BF DECOLORIZED BERGA0066

**UFI : Not applicable**

C.A.S number :

#### 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 24 (UK only).

### 2. HAZARD IDENTIFICATION

#### 2.1. Classification of the substance or mixture

GHS Classification :

RegulationGHS

Asp. Tox. 1	Aspiration hazard 1	H304 : May be fatal if swallowed and enters airways.
Eye Irrit. 2A	Serious eye damage / eye irritation 2A	H319 : Causes serious eye irritation.
Aquatic Acute 2	Hazardous to the aquatic environment, acute hazard 2	H401 : Toxic to aquatic life
Aquatic Chronic 2 effects.	Hazardous to the aquatic environment, long-term hazard	H411 : Toxic to aquatic life with long lasting effects.
Flam. Liq. 3	Flammable Liquids 3	H226 : Flammable liquid and vapour.
Repr. 2	Reproductive toxicity 2	H361 : Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
Skin Irrit. 2	Skin corrosion / irritation 2	H315 : Causes skin irritation.

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Skin Sens. 1

Sensitisation skin 1

H317 : May cause an allergic skin reaction.

## 2.2. Label elements

### GHS Classification :

RegulationGHS

Warning mention : Danger

Asp. Tox. 1 Aspiration hazard 1  
Eye Irrit. 2A Serious eye damage / eye irritation 2A  
Aquatic Acute 2 Hazardous to the aquatic environment, acute hazard 2  
Aquatic Chronic 2 Hazardous to the aquatic environment, long-term hazard 2  
Flam. Liq. 3 Flammable Liquids 3  
Repr. 2 Reproductive toxicity 2  
Skin Irrit. 2 Skin corrosion / irritation 2  
Skin Sens. 1 Sensitisation skin 1

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.

H361 - Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H401 - Toxic to aquatic life

H411 - Toxic to aquatic life with long lasting effects.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

P241 - Use explosion-proof electrical/ventilating/lighting/.../equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

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.



## 2.3. Other hazards

**Contains d-Limonene, Linalyl acetate, Linalool, p-Mentha-1,4-diene, beta-Pinene, Myrcene, alpha-Pinene, Citral, Geranyl acetate, Neryl acetate**

## 3. COMPOSITION / INFORMATION ON INGREDIENT

List of components to report:

### 3.1. Substances

NO CONCERNED

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## 3.2. Mixtures

Numéro d'identification	Substance	Classes danger & Phrases H	LCS / Facteurs M / ATE VLEP / VMEP	Percent %
CAS# 5989-27-5 EINECS# 227-813-5	d-Limonene	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 3, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B H304, H400, H412, H226, H315, H317	EHA1 (M=1)	[ 40-50 ]
CAS# 115-95-7 EINECS# 204-116-4 REACH# 01-2119454789-19-00 00	Linalyl acetate	Eye Irrit. 2, Eye Irrit. 2A, Flam. Liq. 4, Skin Irrit. 2, Skin Sens. 1 H319, H319, H227, H315, H317		[ 25-40 ]
CAS# 78-70-6 EINECS# 201-134-4 REACH# 01-2119474016-42-00 00	Linalool	Acute Tox. 5 (Dermal, Acute Tox. 5 (Inhala, Acute Tox. 5 (Oral), Eye Irrit. 2, Eye Irrit. 2A, Aquatic Acute 3, Flam. Liq. 4, Skin Irrit. 2, Skin Sens. 1B H313, H333, H303, H319, H319, H402, H227, H315, H317	ATE (Dermale) : 2500mg/kg ATE (Orale) : 2790.256mg/kg ATE (Inhalation) : 21.5mg/L	[ 10-15 ]
CAS# 127-91-3 EINECS# 204-872-5	beta-Pinene	Asp. Tox. 1, Acute Tox. 5 (Dermal, Acute Tox. 5 (Inhala, Acute Tox. 5 (Oral), Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B H304, H313, H333, H303, H400, H410, H226, H315, H317	EHA1 (M=1) ATE (Dermale) : 2500mg/kg ATE (Orale) : 2500mg/kg ATE (Inhalation) : 21.5mg/L	[ 5-10 ]
CAS# 99-85-4 EINECS# 202-794-6 REACH# 01-2120780478-40-00 00	p-Mentha-1,4-diene	Asp. Tox. 1, Acute Tox. 5 (Dermal, Acute Tox. 5 (Inhala, Acute Tox. 5 (Oral), Flam. Liq. 3, Repr. 2, Skin Irrit. 3 H304, H313, H333, H303, H226, H361, H316	ATE (Dermale) : 2500mg/kg ATE (Orale) : 3850.152mg/kg ATE (Inhalation) : 21.5mg/L	[ 5-10 ]
CAS# 123-35-3 EINECS# 204-622-5 REACH# 01-2119514321-56-00 00	Myrcene	Asp. Tox. 1, Acute Tox. 5 (Dermal, Acute Tox. 5 (Inhala, Acute Tox. 5 (Oral), Eye Irrit. 2, Eye Irrit. 2A, Aquatic Acute 1, Aquatic Chronic 2, Flam. Liq. 3, Skin Irrit. 2 H304, H313, H333, H303, H319, H319, H400, H411, H226, H315	EHA1 (M=1) ATE (Dermale) : 2500mg/kg ATE (Orale) : 2500mg/kg ATE (Inhalation) : 21.5mg/L	[ 1-5 ]
CAS# 5392-40-5 EINECS# 226-394-6 INDEX# 605-019-00-3 REACH# 01-2119462829-23-00 00	Citral	Acute Tox. 5 (Dermal, Eye Irrit. 2, Eye Irrit. 2A, Aquatic Acute 2, Skin Irrit. 2, Skin Sens. 1A H313, H319, H319, H401, H315, H317	ATE (Dermale) : 2250.073mg/kg	[ 0-1 ]
CAS# 105-87-3 EINECS# 203-341-5	Geranyl acetate	Aquatic Acute 2, Aquatic Chronic 3, Flam. Liq. 4, Skin Irrit. 2, Skin Sens. 1B H401, H412, H227, H315, H317		[ 0-1 ]
CAS# 141-12-8 EINECS# 205-459-2 REACH# 01-2120748334-54-00 00	Neryl acetate	Acute Tox. 5 (Dermal, Acute Tox. 5 (Inhala, Acute Tox. 5 (Oral), Aquatic Acute 2, Skin Sens. 1B H313, H333, H303, H401, H317	ATE (Dermale) : 2500mg/kg ATE (Orale) : 2500mg/kg ATE (Inhalation) : 21.5mg/L	[ 0-1 ]
CAS# 80-56-8 EINECS# 201-291-9	alpha-Pinene	Asp. Tox. 1, Acute Tox. 4 (Oral), Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B H304, H302, H400, H410, H226, H315, H317	ATE (Orale) : 500mg/kg	[ 0-1 ]

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

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## 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 not easily flammable

### 5.1. Extinguishing media

#### **Appropriate extinction method :**

In case of fire, use water spray (or fog) and appropriate fire extinguishers (CO<sub>2</sub>, 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 easily flammable.

In case of fire, may produce toxic fumes of carbon monoxide (CO) or carbon dioxide (CO<sub>2</sub>). Exposure to decomposition products may be hazardous to health. Do not breathe fumes.

### 5.3. Advice for firefighters

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.

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## 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).

### 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**

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- 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: Wear glasses.
- 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

Odor :	<b>fruity, pleasant</b>
Color :	<b>colorless to pale yellow</b>
Appearance :	<b>liquide</b>
Relative density (d <sub>20</sub> /20) :	<b>[0.860 ; 0.883]</b>
Flash point (° C) :	<b>58</b>
Refractive index at 20°C :	<b>[1.458 ; 1.469]</b>
Angular rotation (°) :	<b>[+16 ; +40]</b>

### 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

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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

## 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

NO CONCERNED

### 12.3. Bioaccumulative potential

NO CONCERNED

### 12.4. Mobility in soil

NO CONCERNED

### 12.5. Results of PBT and vPvB assessment

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NO CONCERNED

12.6. Endocrine disrupting properties

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/ADN/RID:



IMDG:



IATA:



14.1. UN number

ADR/ADN/RID : 1993 ( Tunnel code :(D/E) )

IMDG:1993

IATA :1993

Custom tariff :

**33029090**

14.2. UN proper shipping name

ADR/ADN/RID : FLAMMABLE LIQUID, N.O.S.(d-limonene)

IMDG:FLAMMABLE LIQUID, N.O.S.(d-limonene)

IATA :FLAMMABLE LIQUID, N.O.S.(d-limonene)

14.3. Transport hazard class(es)

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ADR/ADN/RID : 3  
IMDG:3  
IATA :3

### 14.4. Packing group

ADR/ADN/RID : 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

Calcul ICPE/ Section 15.1 de la FDS : **4511**

### 15.2. Chemical safety assessment

Contient d-Limonene, Linalyl acetate, Linalool, p-Mentha-1,4-diene, beta-Pinene, Myrcene, alpha-Pinene, Citral, Geranyl acetate, Neryl acetate : Peut provoquer des allergies.

## 16. OTHER INFORMATION

### Full H sentences text in point 3 :

H226	Flammable liquid and vapour.
H227	Combustible liquid
H302	Harmful if swallowed.
H303	May be harmful if swallowed
H303+H313	May be harmful if swallowed or in contact with skin
H303+H313+H333	May be harmful if swallowed, in contact with skin or if inhaled
H303+H333	May be harmful if swallowed or if inhaled
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.

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H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful 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 : 2.1 2.2 2.3 3 3.2 8.2 15.1 15.2