

# Material Safety Data Sheet

Printed : 05/08/2019

Review : 001NEW-7-GHS from 05/08/2019

## LAVENDER ABSOLUTE LAVDA0011

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Product identifier

LAVENDER ABSOLUTE LAVDA0011

#### 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 enters airways.	Aspiration hazard 1	H304 : May be fatal if swallowed and
Eye Irrit. 2A	Serious eye damage / eye irritation 2A	H319 : Causes serious eye irritatio
Aquatic Acute 2 life	Hazardous to the aquatic environment, acute hazard 2	H401 : Toxic to aquatic
Aquatic Chronic 3 aquatic life with long lasting effects.	Hazardous to the aquatic environment, long-term hazard	H412 : Harmful to
Skin Irrit. 2	Skin corrosion / irritation 2	H315 : Causes skin irritation.
Skin Sens. 1 reaction.	Sensitisation skin 1	H317 : May cause an allergic skin

#### 2.2. Label elements

##### GHS Classification :

RegulationGHS

Warning mention : Danger

# Material Safety Data Sheet

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LAVENDER ABSOLUTE LAVDA0011

Review : 001NEW-7-GHS from 05/08/2019

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 3 Hazardous to the aquatic environment, long-term hazard 3  
 Skin Irrit. 2 Skin corrosion / irritation 2  
 Skin Sens. 1 Sensitisation skin 1

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.  
 H401 - Toxic to aquatic life  
 H412 - Harmful to aquatic life with long lasting effects.

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/...  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P331 - Do NOT induce vomiting.  
 P332+P313 - If skin irritation occurs: Get medical advice/attention.



## 2.3. Other hazards

Contains Linalool, Linalyl acetate, Terpinene-1ol-4, Alpha-Terpineol, Ethyl alcohol

## 3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

### 3.1. Substances

NO CONCERNED

### 3.2. Mixtures

Material	C.A.S	EINECS	Risk Symbol	Percent %
Linalool (No REACH : 01-2119474016-42-0000)	78-70-6	201-134-4	Acute Tox. 5 (O), Eye Irrit. 2, Eye Irrit. 2A, Aquatic Acute 3, Flam. Liq. 4, Skin Irrit. 2, Skin Sens. 1B - H303, H319, H402, H227, H315, H317	[ 25-40 ]
Linalyl acetate (No REACH : 01-2119454789-19-0000)	115-95-7	204-116-4	Eye Irrit. 2, Eye Irrit. 2A, Aquatic Acute 3, Flam. Liq. 4, Skin Irrit. 2, Skin Sens. 1A - H319, H402, H227, H315, H317	[ 15-20 ]
1-Octen-3-yl acetate	2442-10-6	219-474-7	Acute Tox. 4 (O), Flam. Liq. 4, Skin Sens. 1B - H302, H227, H317	[ 1-5 ]
Alpha-Terpineol	8000-41-7	232-268-1	Acute Tox. 5 (O), Eye Irrit. 2, Eye Irrit. 2A, Flam. Liq. 4, Skin Irrit. 2 - H303, H319, H227, H315	[ 1-5 ]

# Material Safety Data Sheet

Printed : 05/08/2019

LAVENDER ABSOLUTE LAVDA0011

Review : 001NEW-7-GHS from 05/08/2019

Bornan-2-one (Camphre) (No REACH : 01-2119966156-31-0000)	76-22-2	200-945-0	Acute Tox. 4 (I), Acute Tox. 4 (O), Aquatic Acute 3, FS2, Stot Se 2 - H332, H302, H402, H228, H371	[ 1-5 ]
Coumarin	91-64-5	202-086-7	Acute Tox. 4 (O), Aquatic Acute 3, Skin Sens. 1B - H302, H402, H317	[ 1-5 ]
Eucalyptol (No REACH : 01-2119967772-24-0000)	470-82-6	207-431-5	Acute Tox. 5 (O), Flam. Liq. 3, Skin Irrit. 3, Skin Sens. 1B - H303, H226, H316, H317	[ 1-5 ]
Terpinene-1ol-4	562-74-3	209-235-5	Acute Tox. 5 (D), Acute Tox. 4 (O), Eye Irrit. 2, Eye Irrit. 2A, Aquatic Acute 3, Flam. Liq. 4, Skin Irrit. 2 - H313, H302, H319, H402, H227, H315	[ 1-5 ]
beta-Caryophyllene	87-44-5	201-746-1	Asp. Tox. 1, Aquatic Chronic 4, Skin Sens. 1B - H304, H413, H317	[ 1-5 ]
2,6,6-trimethyl-bicyclo-2-heptene	80-56-8	201-291-9	Asp. Tox. 1, Acute Tox. 5 (O), Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B - H304, H303, H400, H410, H226, H315, H317	[ 0-1 ]
Beta-Pinène (No REACH : 01-2119519230-54-0000)	127-91-3	204-872-5	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B - H304, H400, H410, H226, H315, H317	[ 0-1 ]
Ethyl alcool	64-17-5	200-578-6	Acute Tox. 4 (D), Eye Irrit. 2, Eye Irrit. 2A, Flam. Liq. 2 - H312, H319, H225	[ 0-1 ]
Geraniol (No REACH : 01-2119552430-49-0000)	106-24-1	203-377-1	Acute Tox. 5 (O), Eye Dam. 1, Aquatic Acute 3, Skin Irrit. 2, Skin Sens. 1A - H303, H318, H402, H315, H317	[ 0-1 ]
Geranyl acetate (No REACH : 01-2119973480-35-0000)	105-87-3	203-341-5	Aquatic Acute 2, Aquatic Chronic 3, Flam. Liq. 4, Skin Irrit. 2, Skin Sens. 1B - H401, H412, H227, H315, H317	[ 0-1 ]
Myrcene	123-35-3	204-622-5	Asp. Tox. 1, Eye Irrit. 2, Eye Irrit. 2A, Aquatic Acute 1, Aquatic Chronic 2, Flam. Liq. 3, Skin Irrit. 2 - H304, H319, H400, H411, H226, H315	[ 0-1 ]
Neryl acetate	141-12-8	205-459-2	Aquatic Acute 2, Aquatic Chronic 3, Skin Irrit. 2, Skin Sens. 1B - H401, H412, H315, H317	[ 0-1 ]
d-Limonene	5989-27-5	227-813-5	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B - H304, H400, H410, H226, H315, H317	[ 0-1 ]

## 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 ophtalmologist.

If swallowed :

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

# Material Safety Data Sheet

Printed : 05/08/2019

LAVENDER ABSOLUTE LAVDA0011

Review : 001NEW-7-GHS from 05/08/2019

## 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 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 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 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.

# Material Safety Data Sheet

Printed : 05/08/2019

LAVENDER ABSOLUTE LAVDA0011

Review : 001NEW-7-GHS from 05/08/2019

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)

Bornan-2-one (Camphre)

2 ppm

Ethyl alcool

1000 ppm

##### - V.L.E (15 mn)

Ethyl alcool

5000 ppm

### 8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Personal protective equipment :

Hands protection : Gloves required. Eyes protection : Glasses required. Respiratory protection : Mask required.

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

Angular rotation (°) :

N.A.

Odor :

pleasant, camphorated, herbaceous

# Material Safety Data Sheet

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Color : **dark green**  
Appearance : **liquid**  
Relative density (d<sub>20</sub>/20) : **[0.930 ; 0.960]**  
Flash point (° C) : **100**  
Refractive index at 20°C : **[1.465 ; 1.490]**

## 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

NO CONCERNED

### 12.3. Bioaccumulative potential

NO CONCERNED

# Material Safety Data Sheet

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LAVENDER ABSOLUTE LAVDA0011

Review : 001NEW-7-GHS from 05/08/2019

## 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

IATA:



### 14.1. UN number

ADR : Not Regulated  
IMDG:Not Regulated  
IATA :3334

Custom tariff : 33012941

### 14.2. UN proper shipping name

ADR : Not Regulated  
IMDG:Not Regulated  
IATA :AVIATION REGULATED LIQUID, N.O.S.(Linalool)

### 14.3. Transport hazard class(es)

ADR : Not Regulated  
IMDG:Not Regulated  
IATA :9

### 14.4. Packing group

ADR : Not Regulated  
IMDG:Not Regulated  
IATA :III

### 14.5. Environmental hazards

IMDG : Not Regulated

### 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

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## 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 Linalool, Linalyl acetate, Terpinene-1ol-4, Alpha-Terpineol, Ethyl alcool : Peut provoquer des allergies.

## 16. OTHER INFORMATION

### Full H sentences text in point 3 :

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H227	Combustible liquid
H228	Flammable solid.
H302	Harmful if swallowed.
H302+H332	Harmful if swallowed or if inhaled
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin
H315	Causes skin irritation.
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H371	May cause damage to organs <or state all organs affected, 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.
H413	May cause long lasting harmful effects to aquatic life.

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 : 1.2 1.4 2.1 2.2 2.3 3.2 4.1 4.3 5 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1  
7.2 7.3 8.1 8.2 9.1 10.1 10.2 10.3 10.4 10.6 11.1 13.1 14 14.1 14.2 14.3 14.4 15.2 16