



## 1 Identification of the substance/mixture and the company/business

### 1.1 Product identifier

#### LAVENDER ABS. M\_0020250

|                        |   |                    |
|------------------------|---|--------------------|
| CAS-No.                | : | 8000-28-0          |
| EINECS Number          | : | 283-994-0          |
| INDEX NUMBER           | : | No data available. |
| REACH Registration No. | : | No data available. |

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

Perfume composition, flavour or aromatical ingredient, for an industrial usage, that can be used in end-user product.

### 1.3 Details of the supplier of the safety data sheet

|           |   |   |
|-----------|---|---|
| Supplier  | : | V. MANE Fils  |
| Address   | : | 620, Route de GRASSE- 06620 LE-BAR-SUR-LOUP- FRANCE |
| Telephone | : | (33).4.93.09.70.00 (Only during office hours)       |
| e-mail    | : | FR-BSL.REG-SDS@MANE.com                             |

### 1.4 Emergency telephone number

|                            |   |   |
|----------------------------|---|---|
| Emergency telephone number | : | NCEC (regional) +65 3158 1074 / (local) +64 9 929 1483  |
| Other Emergency Numbers    | : | NCEC (Europe) +44 1235 239670<br>NCEC (Middle East/Africa) +44 1235 239671<br>NCEC (Americas) +1 215 207 0061 |

## 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

CLASSIFICATION ACCORDING Reg. 1272/2008/CE

#### Physical hazards

No hazard specified.

#### Health Dangers

Skin irrit. 2: Causes skin irritation.

Skin Sens. 1: May cause an allergic skin reaction.

Eye Irrit. 2: Causes serious eye irritation.

#### Environmental hazards

No hazard specified.



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## 2.2 Label elements



GHS07

### WARNING

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P333+P313: If skin irritation or rash occurs: Get medical advice.

P305+P351+P338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present.

P337+P313: If eye irritation persists: Get medical advice

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P321: Specific treatment (see this label).

P362: Take off contaminated clothing and wash before reuse.

P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

P272: Contaminated work clothing should not be allowed out of the workplace.

EUH208: Contains EUCALYPTOL, 1-OCTEN-3-yl ACETATE, 1-OCTEN-3-OL, GERANYLE ACETATE. May produce an allergic reaction.

## 2.3 Other hazards

PBT-Substances, vPvB-Substances: None

Endocrine Disruptors: None

Other information: None

For a complete list of references and phrases mentioned in this chapter, see chapter 16.

## [x] 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

CAS-No.:8000-28-0

| Component       | CAS number Index number | Concentration limit | CLASSIFICATION ACCORDING Reg. 1272/2008/CE | Other hazard information |
|-----------------|-------------------------|---------------------|--|--------------------------|
| LINALYL ACETATE | 115-95-7                | 22.000%             | Skin irrit. 2, H315                        | M factor: Not applicable |

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|                             |                             |         |   |  |
|-----------------------------|-----------------------------|---------|---|--|
|                             |                             |         | Skin Sens. 1, H317  | SCL: Not applicable<br>ATE: LD50 Dermal > 5000 mg/kg<br>LD50 Oral > 5000 mg/kg<br>CL50 Inhalation - vapor > 100 mg/l                             |
| <b>LINALOOL</b>             | 78-70-6<br><br>603-235-00-2 | 13.000% | Skin irrit. 2, H315<br>Skin Sens. 1B, H317<br>Eye Irrit. 2, H319  | M factor: Not applicable<br>SCL: Not applicable<br>ATE: LD50 Dermal > 5000 mg/kg<br>LD50 Oral 2790 mg/kg<br>CL50 Inhalation - vapor > 100 mg/l   |
| <b>COUMARIN</b>             | 91-64-5                     | 7.500%  | Acute Tox. 4 Oral, H302<br>Skin Sens. 1B, H317  | M factor: Not applicable<br>SCL: Not applicable<br>ATE: LD50 Dermal > 5000 mg/kg<br>LD50 Oral 500 mg/kg<br>CL50 Inhalation - vapor > 100 mg/l    |
| <b>ETHYL ALCOHOL</b>        | 64-17-5<br><br>603-002-00-5 | 2.000%  | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319  | M factor: Not applicable<br>SCL: Not applicable<br>ATE: LD50 Dermal > 5000 mg/kg<br>LD50 Oral > 5000 mg/kg<br>CL50 Inhalation - vapor > 100 mg/l |
| <b>4-TERPINENOL</b>         | 562-74-3                    | 1.500%  | Acute Tox. 4 Oral, H302<br>Skin irrit. 2, H315<br>Skin Sens. 1, H317<br>Acute Tox. 4 Inhalation, H332<br>STOT SE 3 (NE), H336 | M factor: Not applicable<br>SCL: Not applicable<br>ATE: LD50 Dermal 2500 mg/kg<br>LD50 Oral 1300 mg/kg<br>CL50 Inhalation - vapor 11 mg/l        |
| <b>BORNEOL</b>              | 507-70-0                    | 1.000%  | Flam. Sol. 2, H228<br>Skin irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411                                      | M factor: Not applicable<br>SCL: Not applicable<br>ATE: LD50 Dermal > 5000 mg/kg<br>LD50 Oral > 5000 mg/kg<br>CL50 Inhalation - vapor > 100 mg/l |
| <b>EUCALYPTOL</b>           | 470-82-6                    | 0.600%  | Flam. Liq. 3, H226<br>Skin Sens. 1B, H317   | M factor: Not applicable<br>SCL: Not applicable<br>ATE: LD50 Dermal > 5000 mg/kg<br>LD50 Oral 2480 mg/kg<br>CL50 Inhalation - vapor > 100 mg/l   |
| <b>1-OCTEN-3-yl ACETATE</b> | 2442-10-6                   | 0.200%  | Acute Tox. 4 Oral, H302<br>Skin Sens. 1B, H317  | M factor: Not applicable<br>SCL: Not applicable<br>ATE: LD50 Dermal > 5000 mg/kg<br>LD50 Oral 850 mg/kg<br>CL50 Inhalation - vapor > 100 mg/l    |
| <b>GERANYLE ACETATE</b>     | 105-87-3                    | 0.200%  | Skin irrit. 2, H315   | M factor: Not applicable   |

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|              |            |        |  |  |
|--------------|------------|--------|--|--|
|              |            |        | Skin Sens. 1, H317<br>Aquatic Chronic 3, H412  | SCL: Not applicable<br>ATE: LD50 Dermal > 5000 mg/kg<br>LD50 Oral > 5000 mg/kg<br>CL50 Inhalation - vapor > 100 mg/l                     |
| 1-OCTEN-3-OL | 3391-86-4  | 0.200% | Acute Tox. 3 Oral, H301<br>Skin irrit. 2, H315<br>Skin Sens. 1B, H317<br>Acute Tox. 4 Inhalation, H332             | M factor: Not applicable<br>SCL: Not applicable<br>ATE: LD50 Dermal 3300 mg/kg<br>LD50 Oral 175 mg/kg<br>CL50 Inhalation - vapor 11 mg/l |
| beta-OCIMENE | 13877-91-3 | 0.100% | Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Skin irrit. 2, H315<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411 | M factor: 1<br>SCL: Not applicable<br>ATE: LD50 Dermal > 5000 mg/kg<br>CL50 Inhalation - vapor > 100 mg/l<br>LD50 Oral 5000 mg/kg        |

Ingredients having an occupational exposure limit value: See section 8.

## 3.2 Mixtures

Not applicable

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

Get medical attention if symptoms persist.

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

Never give liquid to an unconscious person.

## 5 FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media



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Water, CO2 or Foam  
Extinguishing media to avoid  
Avoid water in straight hose stream; will scatter and spread fire.

## 5.2 Special hazards arising from the substance or mixture

Avoid breathing dust or vapor.  
Cool containers exposed to flames with water until well after the fire is out.

## 5.3 Advice for firefighters

No specific precautions.

## 6 Measures to adopt in case of accidental dispersion

### 6.1 Personal precautions, protective equipment and emergency procedures

Contain spillages with sand, earth or any suitable adsorbent material.

### 6.2 Environmental precautions

There must be no release into the environment.

### 6.3 Methods and material for containment and clean-up

Collect with non-combustible absorbent material. Flush with water. Dike for large spills.

### 6.4 Reference to other sections

See Section 8 of the SDS for Personal Protective Equipment.  
For waste disposal, see section 13 of the SDS.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.  
Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.  
Do not breathe vapor from heated material.

### 7.2 Condition for safe storage, including any incompatibilities

Keep only in the original container in an appropriate place.



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## 7.3 Specific end use(s)

No specific precautions.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

Occupational exposure limits

#### National OELs values

| Component     | CAS     | Concentration limit | VLEP-8h (mg/m3)  |
|---------------|---------|---------------------|--|
| ETHYL ALCOHOL | 64-17-5 | [1 % , 5 %]         | ARGENTINA: 1480<br>BRAZIL: 1480<br>CHINA: None<br>GERMANY: 380<br>FRANCE: 1900<br>INDONESIA: None<br>JAPAN: None<br>POLAND: 1900<br>UNITED STATES OF AMERICA: 1000 (NIOSH) |

#### European Indicative OELs values

None

### 8.2 Exposure controls

#### Face & eye protection:

Use safety glasses or a face shield according to Standard EN 166 and according to the hazard analysis specific to the workplace (chemical to be handled, protocol for use, frequency of use, quantity used, etc.).

#### Hand & skin protection:

Use chemical resistant gloves in accordance with Standard EN 374 for protective gloves against chemicals. When prolonged or frequently repeated contact may occur, a glove with a protection class of 4 or higher (breakthrough time greater than 120 minutes according to Standard EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 1 or higher (breakthrough time greater than 10 minutes according to Standard EN 374) is recommended. Thickness > or = 0.2 mm. Please observe the instructions regarding permeability and breakthrough time which are provided by the glove supplier. Permeation time must exceed contact time. Choose the type of gloves according to the chemical properties of the products being handled. Change gloves according to the manufacturer's recommendations or if they are damaged. Wear protective clothing covering the arms and legs. Use an apron or full suit if exposure is expected. These recommendations must be adapted according to the hazard analysis specific to the workplace.

#### Respiratory protection:

Use in a well-ventilated area.



In the event that ventilation is not sufficient to prevent inhalation of substances or reduce airborne concentrations below an established occupational exposure limit, use an adequate respiratory apparatus to supplement the engineering measures already in place.

These recommendations must be adapted according to the hazard analysis specific to the workplace.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

- Physical State: PASTY
- Color: From GREEN to DARK BROWN
- Odor: Characteristic
- pH: No data available.
- Melting point (°C): No data available.
- Boiling point (°C): No data available.
- Flash point (°C): >100 °C
- Evaporation Rate: No data available.
- Flammability (solid, gas): No data available.
- Upper/lower limit on flammability or explosive limits: No data available.
- Vapor pressure: 0.10000 mmHg
- Vapor Density: No data available.
- Specific Gravity: No data available.
- Solubility: No data available.
- Log Pow (n-Octanol/Water Partition Coefficient): No data available.
- Auto Ignition Temp. (°C): No data available.
- Decomposition temperature (°C): No data available.
- Viscosity at 40°C: No data available.
- Explosive properties: No data available.
- Oxidizing properties: No data available.



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- Vapor pressure at 20°C: No data available.
- Vapor pressure at 50°C: No data available.

## 9.2 Other information

No other information noted.

## 10 STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.

### 10.5 Incompatible materials

No data available.

### 10.6 Hazardous decomposition products

No data available.

## [x] 11 TOXICOLOGICAL INFORMATION

### 11.1 Hazard class information as defined in Regulation (EC) No. 1272/2008

#### Product Information

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LD50 Dermal(mg/kg) > 5000 (Estimated)  
 LD50 Oral(mg/kg) > 5000 (Estimated)  
 LC50 - Inhalation - vapor(mg/l) > 100 (Estimated)

## Component Information

| Component            | CAS       | Concentration limit | LD50 Dermal (mg/kg)        | LD50 Oral (mg/kg)          | CL50 Inhalation - vapor (mg/l) |
|----------------------|-----------|---------------------|----------------------------|----------------------------|--------------------------------|
| LINALYL ACETATE      | 115-95-7  | [20 % , 50 %]       | > 5000<br><i>Estimated</i> | > 5000<br><i>Estimated</i> | > 100<br><i>Estimated</i>      |
| LINALOOL             | 78-70-6   | [10 % , 20 %]       | > 5000<br><i>Measured</i>  | 2790<br><i>Measured</i>    | > 100<br><i>Estimated</i>      |
| COUMARIN             | 91-64-5   | [5 % , 10 %]        | > 5000<br><i>Estimated</i> | 500<br><i>Estimated</i>    | > 100<br><i>Estimated</i>      |
| ETHYL ALCOHOL        | 64-17-5   | [1 % , 5 %]         | > 5000<br><i>Estimated</i> | > 5000<br><i>Estimated</i> | > 100<br><i>Estimated</i>      |
| 4-TERPINENOL         | 562-74-3  | [1 % , 5 %]         | 2500<br><i>Estimated</i>   | 1300<br><i>Estimated</i>   | 11<br><i>Estimated</i>         |
| BORNEOL              | 507-70-0  | [1 % , 5 %]         | > 5000<br><i>Estimated</i> | > 5000<br><i>Estimated</i> | > 100<br><i>Estimated</i>      |
| EUCALYPTOL           | 470-82-6  | [0.1 % , 1 %]       | > 5000<br><i>Estimated</i> | 2480<br><i>Estimated</i>   | > 100<br><i>Estimated</i>      |
| GERANYLE ACETATE     | 105-87-3  | [0.1 % , 1 %]       | > 5000<br><i>Estimated</i> | > 5000<br><i>Estimated</i> | > 100<br><i>Estimated</i>      |
| 1-OCTEN-3-OL         | 3391-86-4 | [0.1 % , 1 %]       | 3300<br><i>Measured</i>    | 175<br><i>Measured</i>     | 11<br><i>Estimated</i>         |
| 1-OCTEN-3-yl ACETATE | 2442-10-6 | [0.1 % , 1 %]       | > 5000<br><i>Estimated</i> | 850<br><i>Estimated</i>    | > 100<br><i>Estimated</i>      |

Serious eye damage/irritation : No data available.  
 Germ cell mutagenicity : No data available.  
 Reproductive toxicity : No data available.  
 Specific Target Organ - Single Exposure : No data available.  
 Skin Sensitization : No data available.  
 Cancerogenicity : No data available.  
 Specific Target Organ (NE) - Single Exposure : No data available.  
 Specific Target Organ - Repeated Exposure : No data available.  
 Aspiration Hazard : No data available.  
 Respiratory Sensitization : No data available.  
 Skin corrosion/irritation : No data available.

## Information on likely routes of exposure



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No data available.

## Symptoms related to the physical, chemical, and toxicological characteristics

No data available.

## Delayed, Immediate, and Chronic Effects of Short- and Long-Term Exposure

No data available.

## Interactive effects

No data available.

## 11.2 Information on other hazards

### Properties interfering with the endocrine system

Not applicable

### Other information

No data available.

## 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Product Information

Toxicity Fish : No data available.  
Toxicity Alga : No data available.  
Toxicity Water Flea : No data available.

### 12.2 Persistence and degradability

Biodegradability : No data available.  
Hydrosolubility : No data available.  
Comments : None

### 12.3 Bioaccumulative potential

Log Pow (n-Octanol/Water Partition Coefficient) : No data available.  
Bio Concentration Factor : No data available.



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## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

No data available.

## 12.6 Information on other hazards

**Properties interfering with the endocrine system**

Not applicable

**Other information**

No data available.

## 12.7 Other adverse effects

No data available.

## 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Do not release into the environment. Confirm disposal procedures with environmental engineer and local regulations.

### 13.2 Other information

Always keep original label(s) on empty recipients (drums/pails).

## 14 TRANSPORT INFORMATION

### ADR

Not regulated

### IATA

Not regulated

### IMDG

Not regulated

### RID

Not regulated



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## 14.1 Special precautions for user

No recommendation given.

## [x] 15 Regulatory information

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

**Water Hazard Class (WGK):** WGK 2 (Hazard to waters)

**SEVESO III: DIRECTIVE 2012/18/EU of the European parliament and of the council on the control of major-accident hazards involving dangerous substances.**

**Section(s) of the ICPE nomenclature (France):** 4140, 4330, 4331, 4510, 4511

Other regulations can apply:

**Directive 92/85/EEC on the maternity Protection or stricter national regulations if applicable.**

**Directive 94/33/EC on the protection of young people at work or stricter national regulations, if applicable.**

### 15.2 Chemical safety assessment

No data available.

## [x] 16 OTHER INFORMATION

### 16.1 Entire text of the H and P phrases mentioned in chapters 2 and 3:

|      |  |
|------|--|
| H225 | Highly flammable liquid and vapor.                 |
| H226 | Flammable liquid and vapor.                        |
| H228 | Flammable solid.                                   |
| H301 | Toxic if swallowed.                                |
| H302 | Harmful if swallowed.                              |
| H304 | May be fatal if swallowed and enters airways.      |
| H315 | Causes skin irritation.                            |
| H317 | May cause an allergic skin reaction.               |
| H318 | Causes serious eye damage.                         |
| H319 | Causes serious eye irritation.                     |
| H332 | Harmful if inhaled.                                |
| H336 | May cause drowsiness or dizziness.                 |
| H400 | Very toxic to aquatic life.                        |
| H411 | Toxic to aquatic life with long lasting effects.   |
| H412 | Harmful to aquatic life with long lasting effects. |



P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P333+P313: If skin irritation or rash occurs: Get medical advice.  
P305+P351+P338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present.  
P337+P313: If eye irritation persists: Get medical advice  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P321: Specific treatment (see this label).  
P362: Take off contaminated clothing and wash before reuse.  
P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.  
P272: Contaminated work clothing should not be allowed out of the workplace.

## 16.2 Abbreviation and acronyms

CAS: Chemical Abstracts Service  
CO2: Carbon dioxide  
LD50: Lethal dose 50  
NTP: National Toxicology program  
IARC: International Agency for Research on Cancer  
OSHA: Occupational Safety and Health Administration  
UN: United Nations  
IMDG : International Maritime Dangerous Goods  
IATA : International Air Transport Association

## Classification codes

|                         |  |
|-------------------------|--|
| Acute Tox. 4 Inhalation | : Acute toxicity Category 4 Inhalation   |
| Acute Tox. 3 Oral       | : Acute toxicity Category 3 Oral   |
| Acute Tox. 4 Oral       | : Acute toxicity Category 4 Oral   |
| Aquatic Acute 1         | : Acute hazards to the aquatic environment Category 1                          |
| Aquatic Chronic 2       | : Chronic hazards to the aquatic environment Category 2                        |
| Aquatic Chronic 3       | : Chronic hazards to the aquatic environment Category 3                        |
| Asp. Tox. 1             | : Aspiration hazard Category 1   |
| Eye Dam. 1              | : Serious eye damage/eye irritation Category 1                                 |
| Eye Irrit. 2            | : Serious eye damage/eye irritation Category 2                                 |
| Flam. Liq. 2            | : Flammable liquids Category 2   |
| Flam. Liq. 3            | : Flammable liquids Category 3   |
| Flam. Sol. 2            | : Flammable solid Category 2   |
| Skin irrit. 2           | : Skin corrosion/irritation Category 2   |
| Skin Sens. 1            | : Skin sensitizer Category 1   |
| Skin Sens. 1B           | : Skin sensitizer Category 1B  |
| STOT SE 3 (NE)          | : Specific target organ toxicity - single exposure Category 3 Narcotic effect. |

## 16.3 Key literature references and sources for data

This safety Data Sheet has been prepared in accordance with Regulation EC 1907/2006 and its amendments. The information given correspond to the knowledge we have on the date mentioned on this document and is based on the recommendations of the EFFA and IOFI/IFRA working groups.

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To specify modifications that appear in document since the previous version, we note this symbol [X] in front of each section containing a modification.

**We cannot be held responsible in the event of improper usage of this product. It is up to the user to analyse the information given and to determine appropriate handling conditions for the safe use of this product.**

**It is the user's liability to conform to all local, national, and international regulations that apply to its activities.**

**This automatically generated safety data sheet is valid without signature.**