

# Safety Data Sheet

section

**1**

## Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name/designation : Scent rose lavande.

Article No (user) : 2104749.

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

Relevant identified uses : Ingredient for industrial use: perfume composition.

Uses advised against : No data available.

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

Supplier : **Name:** LAB SAS  
**Street:** 1 rue de la clef des champs  
**Postal code/City:** 68600 Volgelsheim  
**Country:** France :  
**Telephone:** 33 (0) 3 89 22 77 65  
**E-mail:** Office@labsys.fr

### 1.4 Emergency Telephone Number

**United Kingdom:**

+33 (0)1 45 42 59 59 (24h/24 7j/7).

+35625454030 +35 (0) 31 837 9964 (medical professionals) +35 (0) 31 809 2166 (public) In England and Wales: dial 111 (NHS 111), In Scotland: dial 111 (NHS 24), In Northern Ireland: Contact your local GP or pharmacist during normal hours.

 During GP Out-of-Hours ([www.gpoutofhours.hscni.net/](http://www.gpoutofhours.hscni.net/)): Belfast HSC Trust, (North & West) 028 9074 4447, (South & East) 028 9079 6220 South Eastern HSC Trust, (North Down & Ards) 028 9182 2344, (Lisburn & Downpatrick) 028 9260 2204, Dalriada Urgent Care (Northern Trust area) 028 2566 3500, Southern HSC Trust 028 3839 9201, Western Urgent Care 028 7186 5195.

section

**2**

## Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to the regulation (EC) n°1272/2008 (CLP) and its amendments

**Hazards identification:**

H315	Skin Irrit. 2	Causes skin irritation.
H317	Skin Sens. 1B	May cause an allergic skin reaction.
H318	Eye Dam. 1	Causes serious eye damage
H411	Aquatic Chronic 2	Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Label elements according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Labelling

Hazard pictograms



**Signal word**

Danger

**Hazard Statements**

- H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage  
 H411 Toxic to aquatic life with long lasting effects.

**Supplemental Hazard information (EU)**

EUH208 Contains (E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one, 4-methoxybenzyl alcohol, pin-2(3)-ene, (R)-p-mentha-1,8-diene, nerol, linalyl acetate, linalool, cis-hex-3-en-1-yl methyl carbonate, eugenol, (E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one, 7-hydroxycitronellal, geraniol, pin-2(10)-ene, geranyl acetate, coumarin, cineole, citronellol, [3R-(3 $\alpha$ ,3 $\beta$ ,6 $\beta$ ,7 $\beta$ ,8 $\alpha$ )]-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene, cinnamyl alcohol, methyl palmitate, 1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one, p-mentha-1(7),2-diene, 4-tert-butylcyclohexyl acetate, caryophyllene, 3-(p-methoxyphenyl)-2-methylpropionaldehyde. May cause an allergic reaction.

**Precautionary Statements - Prevention**

- P264 Wash your hands 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.

**Precautionary Statements - Response**

- 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.  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P391 Collect spillage.

**Precautionary Statements - Disposal**

- P501 Dispose of contents/container to ....

**Contains**

linalool, methyl palmitate, bornan-2-one, 4-tert-butylcyclohexyl acetate

**2.3 Other hazards**

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

 section  
**3**
**Composition/information on ingredients**
**3.2 Mixtures**

In accordance with the product knowledge, no nanomaterials have been identified.

 The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

Substance	Concentration (%)	Specific concentration limits	Classification
<b>linalyl acetate</b>			
CAS N°	115-95-7	C= 6.22%	H315 Skin Irrit. 2
EC N°	204-116-4		H317 Skin Sens. 1B

IDX N° Registration number 01- 2119454789- 19-XXXX				H319 Eye Irrit. 2
<b>linalool</b>				
CAS N° EC N° IDX N° Registration number 78-70-6 201-134-4 603-235-00-2 01- 2119474016- 42-XXXX	C= 5.81%	ETA (orale): 2790 mg/kg	H315 Skin Irrit. 2 H317 Skin Sens. 1B H319 Eye Irrit. 2	
<b>2-phenylethanol</b>				
CAS N° EC N° IDX N° Registration number 60-12-8 200-456-2 603-212-00-7 01- 2119963921- 31-XXXX	C= 4.21%	ETA (orale): 1610 mg/kg ETA (cutanée): 2500 mg/kg	H302 Acute Tox. 4 ORAL H319 Eye Irrit. 2	
<b>1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran</b>				
CAS N° EC N° IDX N° Registration number 1222-05-5 214-946-9 603-212-00-7 01- 2119488227- 29-XXXX	C= 3.68%	Macute = 1	H400 Aquatic Acute 1 H410 Aquatic Chronic 1	
<b>geraniol</b>				
CAS N° EC N° IDX N° Registration number 106-24-1 203-377-1 603-241-00-5 01- 2119552430- 49-XXXX	C= 2.63%	ETA (orale): 3600 mg/kg	H315 Skin Irrit. 2 H317 Skin Sens. 1 H318 Eye Dam. 1	
<b>methyl palmitate</b>				
CAS N° EC N° IDX N° Registration number 112-39-0 203-966-3 01- 2119487985- 14-XXXX	C= 2.4%		H315 Skin Irrit. 2 H317 Skin Sens. 1B	
<b>(R)-p-mentha-1,8-diene</b>				
CAS N° EC N° IDX N° Registration number 5989-27-5 227-813-5 601-096-00-2 01- 2119529223- 47-XXXX	C= 2.08%	Macute = 1	H226 Flam. Liq. 3 H304 Asp. Tox. 1 H315 Skin Irrit. 2 H317 Skin Sens. 1B H400 Aquatic Acute 1 H412 Aquatic Chronic 3	
<b>citronellol</b>				
CAS N° EC N° IDX N° Registration number 106-22-9 203-375-0 01- 2119453995- 23-XXXX	C= 2.0%	ETA (orale): 3450 mg/kg ETA (cutanée): 2650 mg/kg	H315 Skin Irrit. 2 H317 Skin Sens. 1B H319 Eye Irrit. 2	
<b>3-(p-methoxyphenyl)-2-methylpropionaldehyde</b>				
CAS N° EC N° IDX N°	C= 1.89%	ETA (orale): 4000 mg/kg	H317 Skin Sens. 1B	

Registration number	01-2120629103-67-XXXX			
<b>Alcohols, C11-14-iso-, C13-rich</b>				
CAS N°	68526-86-3	C= 1.76%	ETA (orale): 2673 mg/kg	H315 Skin Irrit. 2 H319 Eye Irrit. 2 H400 Aquatic Acute 1 H410 Aquatic Chronic 1
EC N°	271-235-6			
IDX N°				
Registration number	01-2119454259-32-XXXX			
<b>bornan-2-one [1]</b>				
CAS N°	76-22-2	C= 1.48%	ETA=1500 mg/kg)	H228 Flam. Sol. 1 H302 Acute Tox. 4 ORAL H315 Skin Irrit. 2 H318 Eye Dam. 1 H332 Acute Tox. 4 INHALATION H371 STOT SE 2 H411 Aquatic Chronic 2
EC N°	200-945-0			
IDX N°				
Registration number	01-2119966156-31-XXXX			
<b>3-methyl-5-phenylpentanol</b>				
CAS N°	55066-48-3	C= 1.05%	ETA (orale): 1830 mg/kg ETA (cutanée): 3100 mg/kg	H302 Acute Tox. 4 ORAL
EC N°	259-461-3			
IDX N°				
Registration number	01-2119969446-23-XXXX			
<b>4-tert-butylcyclohexyl acetate</b>				
CAS N°	32210-23-4	C= 1.05%	ETA (orale): 3370 mg/kg	H317 Skin Sens. 1B
EC N°	250-954-9			
IDX N°				
Registration number	01-2119976286-24-XXXX			
<b>2,4-dimethyl-4,4a,5,9b-tetrahydroindeno[1,2-d]-1,3-dioxin</b>				
CAS N°	27606-09-3	C= 1.05%	ETA (orale): 500 mg/kg	H302 Acute Tox. 4 ORAL H412 Aquatic Chronic 3
EC N°	248-561-2			
IDX N°				
Registration number				
<b>4-(2,6,6-trimethyl-1-cyclohexen-1-yl)butan-2-one</b>				
CAS N°	17283-81-7	C= 1.05%		H411 Aquatic Chronic 2
EC N°	241-318-1			
IDX N°				
Registration number	01-2120229990-52-XXXX			
<b>2-methyl-4-phenylbutan-2-ol</b>				
CAS N°	103-05-9	C= 1.05%	ETA (orale): 2500 mg/kg ETA (cutanée): 3260 mg/kg	H319 Eye Irrit. 2 H412 Aquatic Chronic 3
EC N°	203-074-4			
IDX N°				
Registration number	22583			
<b>[3R-(3α,3aβ,6β,7β,8aα)]-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene</b>				
CAS N°	19870-74-7	C= 1.05%	Macute = 1	H317 Skin Sens. 1B H400 Aquatic Acute 1 H410 Aquatic Chronic 1
EC N°	243-384-7			
IDX N°				
Registration number				
<b>nerol</b>				

CAS N°	106-25-2	C= 0.9%	ETA (orale): 4500 mg/kg	H315 Skin Irrit. 2 H317 Skin Sens. 1B H319 Eye Irrit. 2
EC N°	203-378-7			
IDX N°				
Registration number	01-2119983244-33-XXXX			
<b>cineole</b>				
CAS N°	470-82-6	C= 0.85%	ETA (orale): 2480 mg/kg	H226 Flam. Liq. 3 H317 Skin Sens. 1B
EC N°	207-431-5			
IDX N°				
Registration number	01-2119967772-24-XXXX			
<b>coumarin</b>				
CAS N°	91-64-5	C= 0.73%	ETA (orale): 500 mg/kg	H302 Acute Tox. 4 ORAL H317 Skin Sens. 1B
EC N°	202-086-7			
IDX N°				
Registration number	01-2119949300-45-XXXX,01-2119943756-26-XXXX			
<b>4-methoxybenzyl alcohol</b>				
CAS N°	105-13-5	C= 0.53%	ETA (cutanée): 3000 mg/kg	H315 Skin Irrit. 2 H317 Skin Sens. 1B H319 Eye Irrit. 2
EC N°	203-273-6			
IDX N°				
Registration number	01-2119934494-33-XXXX			
<b>7-hydroxycitronellal</b>				
CAS N°	107-75-5	C= 0.53%		H317 Skin Sens. 1B H319 Eye Irrit. 2
EC N°	203-518-7			
IDX N°				
Registration number	01-2119973482-31-XXXX			
<b>(Z)-3,7-dimethylocta-1,3,6-triene</b>				
CAS N°	3338-55-4	C= 0.46%	ETA (orale): 5000 mg/kg	H226 Flam. Liq. 3 H304 Asp. Tox. 1 H315 Skin Irrit. 2 H400 Aquatic Acute 1 H411 Aquatic Chronic 2
EC N°	222-081-3			
IDX N°				
Registration number				
<b>1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one</b>				
CAS N°	33704-61-9	C= 0.32%	ETA (orale): 2900 mg/kg	H315 Skin Irrit. 2 H317 Skin Sens. 1B H319 Eye Irrit. 2 H411 Aquatic Chronic 2
EC N°	251-649-3			
IDX N°				
Registration number	01-2119977131-40-XXXX			
<b>pin-2(3)-ene</b>				
CAS N°	80-56-8	C= 0.24%	ETA (orale): 500 mg/kg	H226 Flam. Liq. 3 H302 Acute Tox. 4 ORAL H304 Asp. Tox. 1 H315 Skin Irrit. 2 H317 Skin Sens. 1B H400 Aquatic Acute 1 H410 Aquatic Chronic 1
EC N°	201-291-9			
IDX N°			M=1 (toxicité chronique) M=1 (toxicité aiguë)	
Registration number	01-2119519223-49-XXXX			
<b>caryophyllene</b>				

CAS N°	87-44-5	C= 0.22%		H304 Asp. Tox. 1 H317 Skin Sens. 1B
EC N°	201-746-1			
IDX N°				
Registration number	01-2120745237-53-XXXX			
<b>geranyl acetate</b>				
CAS N°	105-87-3	C= 0.21%		H315 Skin Irrit. 2 H317 Skin Sens. 1 H412 Aquatic Chronic 3
EC N°	203-341-5			
IDX N°				
Registration number	01-2119973480-35-XXXX			
<b>7-methyl-3-methyleneocta-1,6-diene</b>				
CAS N°	123-35-3	C= 0.19%	M=1 (toxicité aiguë)	H226 Flam. Liq. 3 H304 Asp. Tox. 1 H315 Skin Irrit. 2 H319 Eye Irrit. 2 H400 Aquatic Acute 1 H411 Aquatic Chronic 2
EC N°	204-622-5			
IDX N°				
Registration number	01-2119514321-56-XXXX			
<b>p-mentha-1,4-diene</b>				
CAS N°	99-85-4	C= 0.19%	ETA (orale): 3650 mg/kg	H226 Flam. Liq. 3 H304 Asp. Tox. 1 H361 Repr. 2 H411 Aquatic Chronic 2
EC N°	202-794-6			
IDX N°				
Registration number	01-2120780478-40-XXXX			
<b>pin-2(10)-ene</b>				
CAS N°	127-91-3	C= 0.18%	M=1 (toxicité chronique) M=1 (toxicité aiguë)	H226 Flam. Liq. 3 H304 Asp. Tox. 1 H315 Skin Irrit. 2 H317 Skin Sens. 1B H400 Aquatic Acute 1 H410 Aquatic Chronic 1
EC N°	204-872-5			
IDX N°				
Registration number	01-2119519230-54-XXXX			
<b>cis-hex-3-en-1-yl methyl carbonate</b>				
CAS N°	67633-96-9	C= 0.11%		H315 Skin Irrit. 2 H317 Skin Sens. 1B
EC N°	266-797-4			
IDX N°				
Registration number	01-2120735800-60-XXXX			
<b>cinnamyl alcohol</b>				
CAS N°	104-54-1	C= 0.11%	ETA (orale): 2000 mg/kg	H302 Acute Tox. 4 ORAL H317 Skin Sens. 1B H411 Aquatic Chronic 2
EC N°	203-212-3			
IDX N°				
Registration number	01-2119934496-29-XXXX			
<b>eugenol</b>				
CAS N°	97-53-0	C= 0.11%	ETA (orale): 2500 mg/kg	H317 Skin Sens. 1B H319 Eye Irrit. 2
EC N°	202-589-1			
IDX N°				
Registration number	01-2119971802-33-XXXX			
<b>(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one</b>				
CAS N°	23726-91-2	C= 0.11%		H315 Skin Irrit. 2

EC N°	245-842-1		ETA (orale): 2920 mg/kg	H317 Skin Sens. 1B H411 Aquatic Chronic 2
IDX N°				
Registration number	01-2120094433-55-XXXX			
<b>p-mentha-1(7),2-diene</b>				
CAS N°	555-10-2	C= 0.11%		H226 Flam. Liq. 3 H304 Asp. Tox. 1 H317 Skin Sens. 1
EC N°	209-081-9			
IDX N°				
Registration number				
<b>(E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one</b>				
CAS N°	23726-93-4	C= 0.1%	ETA (cutanée): 2900 mg/kg	H315 Skin Irrit. 2 H317 Skin Sens. 1A H411 Aquatic Chronic 2
EC N°	245-844-2			
IDX N°				
Registration number	01-2120105798-49-XXXX			

[1] Substance for which maximum workplace exposure limits are available.

### **Remark**

Text phrases and H- EUH-: see section 16.

## section 4

### **First aid measures**

#### **4.1 Description of first aid measures**

##### **General information:**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Remove victim out of the danger area.

Keep affected person warm, still and covered.

Do not leave affected person unattended.

##### **Following inhalation:**

Remove person to fresh air and keep comfortable for breathing.

##### **Following skin contact:**

Take off contaminated clothing.

In case of skin irritation, consult a physician.

Remove contaminated, saturated clothing immediately.

After contact with skin, wash immediately with plenty of water and soap.

In case of skin reactions, consult a physician.

##### **Following eye contact:**

Remove contact lenses, if present and easy to do. Continue rinsing.

Protect unharmed eye.

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

##### **Following ingestion:**

Never give anything by mouth to an unconscious person or a person with cramps.

IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting.

##### **Self-protection of the first aider:**

First aider: Pay attention to self-protection!

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

**Notes for the doctor:**

Treat symptomatically.

section <b>5</b>	<b>Firefighting measures</b>
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**5.1 Extinguishing media**

**Suitable extinguishing media:**

Foam.  
Extinguishing powder.  
Carbon dioxide (CO<sub>2</sub>).  
Sand.

**Unsuitable extinguishing media:**

Strong water jet.

**5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

**5.3 Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

**Additional information**

Do not inhale vapors and fumes.  
Co-ordinate fire-fighting measures to the fire surroundings.  
Move undamaged containers from immediate hazard area if it can be done safely.  
Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.  
Use water spray jet to protect personnel and to cool endangered containers.  
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

section <b>6</b>	<b>Accidental release measures</b>
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**6.1 Personal precautions, protective equipment and emergency procedures**

Do not smoke. Do not expose to a flame or any potential source of ignition (e.g. electrical equipment).  
Avoid contact with the skin, as well as inhalation of vapors. Ensure adequate ventilation of the workplace.  
Do not expose to flames or potential sources of ignition.  
Avoid inhaling vapors.  
Ensure adequate ventilation of the workplace.  
Use personal protection equipment.  
Remove persons to safety.  
Use appropriate respiratory protection.  
Provide adequate ventilation.

**6.2 Environmental precautions**

Avoid any direct discharge into the sewer, surface water, and groundwater, do not allow penetration into the soil (see point 6.3).  
Avoid any direct discharge into the sewer, surface water, and groundwater.  
Ensure that waste is collected and contained.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Avoid release to the environment.  
Cover drains.  
Ensure all waste water is collected and treated via a waste water treatment plant.  
Do not allow to enter into soil/subsoil.  
Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
Contain leaks or spills within cabinets with removable trays.

**6.3 Methods and material for containment and cleaning up**



Absorb material with inert absorbent powders or granules (sand...).

Clean the powder with a vacuum cleaner. Wash with water and detergent.

Destroy significant overflows according to current regulations.

Quickly remove the cloths used for incineration.

Wash with water and detergent.

Eliminate gases/smoke by spraying water.

Treat the recovered material as prescribed in the section on waste disposal.

Collect in closed and suitable containers for disposal.

Clean contaminated objects and areas thoroughly observing environmental regulations.

Collect spillage.

Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).

Wipe up with absorbent material (eg. cloth, fleece).

## 6.4 Reference to other sections

See paragraph 8 for exposure control and individual protection measures.

See paragraph 13 for considerations regarding waste disposal.

Safe handling: see section 7.

Disposal: see section 13.

Personal protection equipment: see section 8.

### Additional information

Not available

section <b>7</b>	<h2>Handling and Storage</h2>
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### 7.1 Precautions for safe handling

#### **PROTECTIVE MEASURES:**

Avoid contact with skin, eyes and clothes.

Wear personal protective clothing (see section 8).

Sewers and ducts must be protected against the entry of the product.

Do not put any product-impregnated cleaning rags into your trouser pockets.

Provide for retaining containers, eg. floor pan without outflow.

Use only in well-ventilated areas.

If local exhaust ventilation is not possible or not enough, the entire work area must be ventilated by technical means.

Provide adequate ventilation as well as local exhaustion at critical locations.

Vapours/aerosols should be exhausted directly at the point of origin.

Avoid breathing gas/fumes/vapour/spray.

#### **Advices on general occupational hygiene:**

Wash hands before breaks and after work.

Wash contaminated clothing before reuse.

Street clothing should be stored separately from work clothing.

Remove contaminated, saturated clothing immediately.

Work in well ventilated zones or use proper respiratory protection.

#### **In the immediate working surroundings there must be:**

Provide eye shower and label its location conspicuously.

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

Keep container tightly closed in a dry, cool, and well-ventilated place.

Keep container in upright position in order to prevent leakage.

#### **Requirements for storage rooms and vessels:**

Use isolated drainage to prevent discharge to soil.

Ensure adequate ventilation of the storage area.

#### **Advice on joint storage:**

Keep away from food, drink and animal feedingstuffs.

### 7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

**Exposure controls/personal protection**

**8.1 Control parameters**

**Occupational exposure limits:**

Not available

**Biological limit values:**

Not available

**Exposure limits at intended use:**

Not available

**Remark:**

Not available

**8.2 Exposure controls**

**Appropriate engineering controls:**

Handling should be done at the lowest possible temperature. Ensure good ventilation of the premises.

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Provide adequate ventilation as well as local exhaust at critical locations.

**Individual protection measures, such as personal protective equipment:**



**Eye/face protection**

: Use eye protection.

**Suitable eye protection:**

Wear eye protection equipment.

**Recommended eye protection articles:**

Eye glasses with side protection.

**Skin protection**

: Avoid contact with the skin. Use chemical-resistant gloves, if necessary.

**Hand protection:**

**Suitable gloves type:**

Wear protective gloves.

**Suitable material:**

NBR (nitrile rubber).

Butyl caoutchouc (butyl rubber).

**Additional hand protection measures:**

Do not wear gloves near machines and rotating tools.

Use gloves only once.

**Remark:**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Breakthrough times and swelling properties of the material must be taken into consideration.

**Body protection:**

**Suitable protective clothing:**

Lab coat.

**Respiratory protection**

: 2004 + A1 : 2008).

**Respiratory protection necessary at:**

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**Suitable respiratory protection apparatus:**

Wear respiratory protection.

**Remark:**

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Observe the wear time limits as specified by the manufacturer.

Use only respiratory protection equipment with CE-symbol including four digit test number.

**Environmental exposure controls:**

Avoid any direct discharge into the sewer, surface water, and groundwater, do not allow penetration into the soil.

**Consumer exposure controls:**

Not available

**Additional information**

Not available

<b>section</b> <b>9</b>	<b>Physical and chemical Properties</b>
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**9.1 Information on basic physical and chemical properties**

Physical state	:	Liquid
Colour	:	Pale Yellow.
Odour	:	Dewy - Fruity - Floral
pH	:	Not available
Melting point/freezing point	:	Not available
Initial boiling point and boiling range	:	Not available
Flash point	:	92°C
Flammability	:	Not available
Upper/lower flammability or explosive limits	:	Not available
Vapour pressure	:	Not available
Vapour density	:	Not available
Relative density	:	0.9404
Solubility(ies)	:	Soluble
Partition coefficient n-octanol/water (log value)	:	Not applicable
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Dynamic viscosity	:	Not applicable
Kinematic viscosity	:	Not available
Oxidising properties	:	Not available
Solubility in other Solvents	:	Not available
Particle characteristics	:	Not applicable

**9.2 Other safety information**

**Information concerning to the classes of physical hazards**

Not available

**Other security characteristics**

Not available

<b>section</b> <b>10</b>	<b>Stability and Reactivity</b>
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**10.1 Reactivity**

Avoid contact with oxidizing agents.

Does not present a risk of reactivity by itself or in contact with water.

For any use in alcoholics, it would be preferable to use slightly acidic water with a pH of 6-6.5.

## 10.2 Chemical stability

Stable under normal environmental conditions.

The product is stable when stored at normal ambient temperatures.

## 10.3 Possibility of hazardous reactions

No dangerous reaction under normal conditions of use.

No hazardous reaction when handled and stored according to provisions.

## 10.4 Conditions to avoid

Avoid temperatures near or above the flash point. Do not heat closed containers.

Do not heat closed containers.

## 10.5 Incompatible materials

Keep away from oxidizing agents or highly alkaline or acidic materials.

## 10.6 Hazardous decomposition products

No known hazardous decomposition products under recommended storage conditions.

Does not decompose when used for intended uses.

### Additional information

Not available

section <b>11</b>	<b>Toxicological information</b>
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## 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

### Acute oral toxicity:

The product is not classified.

#### **Substances:**

Not available

### Acute dermal toxicity:

The product is not classified.

#### **Substances:**

Not available

### Acute inhalation toxicity:

The product is not classified.

#### **Substances:**

Not available

### Skin corrosion/irritation:

The product is not classified.

#### **Substances:**

Not available

### Serious eye damage/irritation:

The product is classified Eye Dam. 1 according to the referenced regulation.

Causes serious eye damage.

#### **Substances:**

Not available

### Skin sensitisation:

The product is classified Skin Sens. 1 according to the referenced regulation.

May cause an allergic skin reaction.

#### **Substances:**

Not available

### Specific target organ toxicity (repeated exposure):

The product is not classified.

**Substances:**

Not available

**Specific target organ toxicity (single exposure):**

The product is not classified.

**Substances:**

Not available

**Carcinogenicity:**

The product is not classified.

**Substances:**

Not available

**Reproductive toxicity:**

The product is not classified.

**Substances:**

Not available

**Germ cell mutagenicity:**

The product is not classified.

**Substances:**

Not available

**Sensitisation to the respiratory tract:**

The product is not classified.

**Substances:**

Not available

**Additional information:**

Not available

**11.2 Information on other hazards**

**Endocrine disrupting properties:**

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

section	12	Ecological information
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**12.1 Toxicity**

An environmental hazard cannot be ruled out in the event of non-professional handling or disposal.

Toxic to aquatic life with long lasting effects.

**Substances:**

Not available

**12.2 Persistence and degradability**

This information is not available.

The product has not been tested.

**Substances:**

Not available

**12.3 Bioaccumulative potential**

This information is not available.

The product has not been tested.

**Substances:**

Not available

**12.4 Mobility in soil**

This information is not available.

The product has not been tested.

**Substances:**

Not available

**12.5 Results of PBT and vPvB assessment**

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

**12.6 Endocrine disrupting properties**

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

**12.7 Other adverse effects**

Very toxic to aquatic organisms, causes long-term harmful effects. If the fragrance is classified as H411: Toxic to aquatic life with long-lasting effects. If the fragrance is classified as H412: Harmful to aquatic organisms, causes long-term harmful effects.

**Additional ecotoxicological information**

Not available

section	13	Disposal considerations
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**13.1 Waste treatment methods**

**Product/Packaging disposal:**

**Waste codes/waste designations according to EWC/AVV:**

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

**Waste treatment options:**

Must be disposed of in an approved landfill or incinerated in an approved facility while complying with local regulatory requirements.

**Appropriate disposal/Product:**

Approved landfill or incineration at an approved center.

Waste requiring special supervision.

Dispose of waste according to applicable legislation.

Delivery to an approved waste disposal company.

**Appropriate disposal/Package:**

Empty packaging must be taken to an approved site for waste treatment for recycling or disposal purposes.

Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

Handle contaminated packages in the same way as the substance itself.

Dispose of waste according to applicable legislation.

**Other disposal recommendations:**

Avoid disposal down the drain and dispersal into the environment.

**Remark:**

For recycling, contact manufacturer.

Collect the waste separately.

Consult the appropriate authorities about waste disposal.

Do not mix with other wastes.

The waste is to be kept separate from other types of waste until its disposal.





Concerning the waste it has to be checked, whether a transport authorisation is required.

**Additional information**

Not available

section	14	Transport information
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Land transport (ADR/RID):	Inland waterway transport (ADN):	Sea transport (IMDG):	Air transport (ICAO-TI/IATA- DGR):
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<b>14.1</b>	UN number:	3082	3082	3082	3082
<b>14.2</b>	UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS MATERIAL, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS MATERIAL, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS MATERIAL, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS MATERIAL, LIQUID, N.O.S.
<b>14.3</b>	Transport hazard class(es):				
	Class or Division:	9	9	9	9
	Hazard label(s):				
<b>14.4</b>	Packing group:	III	III	III	III

**14.5 Environmental hazards**

Not available

**14.6 Special precautions for user**

Not available

**14.7 Bulk shipping according to IMO instruments**

Not available

**Additional information**

Not available

section	15	Regulatory information
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**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.

This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

**EU legislation:**

**Other regulations (EU):**

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]:**

"Hazardous to the aquatic environment, chronic category 2. The total quantity likely to be present in the installation being: 1. greater than or equal to 200 t.....A 2. Greater than or equal to 100 t but less than 200 t .....DC Low threshold quantity as defined in article R. 511-10: 200 t High threshold quantity as defined in article R. 511-10: 500 t".

**EU legislation:**

**COMMISSION REGULATION (EU) 2023/1545 (Allergen List):**

Substance	CAS	EC
linalool	78-70-6	201-134-4
geraniol	106-24-1	203-377-1
(R)-p-mentha-1,8-diene	5989-27-5	227-813-5
citronellol	106-22-9	203-375-0
coumarin	91-64-5	202-086-7
4-methoxybenzyl alcohol	105-13-5	203-273-6
7-hydroxycitronellal	107-75-5	203-518-7
cinnamyl alcohol	104-54-1	203-212-3
eugenol	97-53-0	202-589-1

(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one	23726-91-2	245-842-1
(E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one	23726-93-4	245-844-2

**CLP: Harmonised classification and labelling of hazardous substances (Annex VI, table 3.1)\_ATP 15:**

Substance	CAS	EC
geraniol	106-24-1	203-377-1

**CLP: Harmonised classification and labelling of hazardous substances (Annex VI, table 3.1)\_ATP 17:**

Substance	CAS	EC
(R)-p-mentha-1,8-diene	5989-27-5	227-813-5

**REACH: Annex XVII (Restrictions):**

Substance	CAS	EC
(R)-p-mentha-1,8-diene	5989-27-5	227-813-5

**National regulations:**

**California proposition 65:**

Substance	CAS	EC
7-methyl-3-methyleneocta-1,6-diene	123-35-3	204-622-5

**Cosmetic Ingredient Hotlist:**

Substance	CAS	EC
bornan-2-one	76-22-2	200-945-0

**Occupational Exposure Limit Values (long term) - Canada (Ontario):**

Substance	CAS	EC
pin-2(3)-ene	80-56-8	201-291-9
pin-2(10)-ene	127-91-3	204-872-5

**Occupational Exposure Limit Values (long term) - Canada (Quebec):**

Substance	CAS	EC
bornan-2-one	76-22-2	200-945-0

**Occupational Exposure Limit Values (long term) - Ireland:**

Substance	CAS	EC
bornan-2-one	76-22-2	200-945-0

**Occupational Exposure Limit Values (long term) - US (NIOSH):**

Substance	CAS	EC
bornan-2-one	76-22-2	200-945-0

**Occupational Exposure Limit Values (long term) - US (OSHA):**

Substance	CAS	EC
bornan-2-one	76-22-2	200-945-0

**Occupational Exposure Limit Values (long term) - United Kingdom:**

Substance	CAS	EC
bornan-2-one	76-22-2	200-945-0

**Occupational Exposure Limit Values (short term) - Canada (Ontario):**

Substance	CAS	EC
bornan-2-one	76-22-2	200-945-0

**Occupational Exposure Limit Values (short term) - Canada (Quebec):**

Substance	CAS	EC
bornan-2-one	76-22-2	200-945-0



**Occupational Exposure Limit Values (short term) - Ireland:**

Substance	CAS	EC
bornan-2-one	76-22-2	200-945-0

**Occupational Exposure Limit Values (short term) - United Kingdom:**

Substance	CAS	EC
bornan-2-one	76-22-2	200-945-0

**U.S. - NY - RTK:**

Substance	CAS	EC
pin-2(3)-ene	80-56-8	201-291-9

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**Additional information**

Not available

**section 16 Other information**

**Indication of changes**

Not applicable (first edition of the MSDS).

**Abbreviations and acronyms**

Agreement for the Transport of Dangerous Goods by Road, EC: European Community, CLP: Classification, Labelling and Packaging, CMR: Carcinogenic Mutagenic Reprotoxic, ETA: Estimated Acute Toxicity, EU: European Union, IATA: International Air Transport Association, ID Number: Identification Number, IMDG: International Maritime Dangerous Goods, M: M factor, EINECS Number: Inventory of existing chemical substances on the European market, ELINCS Number: European List of Notified Chemical Substances, CAS Number: Chemical Abstract Service Number, IMO: International Maritime Organization, PBT: Persistent, Bioaccumulative and Toxic Substance, Reproductive Toxicity, SS: Skin Sensitization, UFI: Unique Formulation Identifier, UN: United Nations, OEL: Occupational Exposure Limit, STEL: Short Term Exposure Limit, vPvB: very Persistent and very Bioaccumulative Substance, FR: France, WGK: Aquatic Hazard Class. CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.

CLP: Classification, labeling and packaging.

VPvB: very persistent and very bioaccumulative substances.

**Key literature references and sources for data**

No data available.

**Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]**

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008. Complies with ATP 18, Regulation (EU) n°2022/692.

**Relevant R-, H- and EUH-phrases (Number and full text)**

Acute toxicity (oral), category 4, Aquatic Acute 1: Hazardous to the aquatic environment - Acute hazard, category 1, Aquatic Chronic 1: Hazards to the aquatic environment - Chronic hazard, category 1, Aquatic Chronic 2: Hazards to the aquatic environment - Chronic hazard, category 2, Aquatic Chronic 3: Hazards to the aquatic environment - Chronic hazard, category 3, Asp. Tox. 1: Aspiration toxicity, category 1, Eye Dam. 1: Serious eye damage/eye irritation, category 1,

Eye Irrit. 2: Serious eye damage/eye irritation, category 2, Flam. Liq. 3: Flammable liquids, category 3, Flam. Sol. 2: Flammable solids, categories 1, 2, Repr. 2: Reproductive toxicity, category 2, Skin Irrit. 2: Skin corrosion/irritation, category 2, Skin Sens. 1: Skin sensitization, category 1, Skin Sens. 1B: Skin sensitization, category 1B, STOT SE 2: Specific target organ toxicity - Single exposure, category 2, H226: Flammable liquid and vapors, H228: Flammable solid, H302: Harmful if swallowed, H304: May be fatal if swallowed and enters airways, H315: Causes skin irritation, H317: May cause allergic skin reaction, H318: Causes serious eye damage, H319: Causes severe eye irritation, H332: Harmful if inhaled, H361: May damage fertility or the unborn child, H371: Presumed risk of serious effects for organs, H400: Very toxic to aquatic organisms, H410: Very toxic to aquatic organisms, causes long-term adverse effects, H411: Toxic to aquatic organisms, causes long-term adverse effects, H412: Harmful to aquatic organisms, causes long-term adverse effects.

H226	Flam. Liq. 3	Flammable liquid and vapour.
H228	Flam. Sol. 1	Flammable solid.
H302	Acute Tox. 4 ORAL	Harmful if swallowed
H304	Asp. Tox. 1	May be fatal if swallowed and enters airways.
H315	Skin Irrit. 2	Causes skin irritation.
H317	Skin Sens. 1B	May cause an allergic skin reaction.
H318	Eye Dam. 1	Causes serious eye damage
H319	Eye Irrit. 2	Causes serious eye irritation
H332	Acute Tox. 4 INHALATION	Harmful if inhaled.
H361	Repr. 2	Suspected of damaging fertility or the unborn child.
H371	STOT SE 2	May cause damage to organs.
H400	Aquatic Acute 1	Very toxic to aquatic life.
H410	Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects.
H411	Aquatic Chronic 2	Toxic to aquatic life with long lasting effects.
H412	Aquatic Chronic 3	Harmful to aquatic life with long lasting effects

## **Training advice**

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

## **Additional information**

Creation date: 20/02/2025

Version date: 20/02/2025

Printing date: 20/02/2025

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.