

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name **14982-401-15**  
Version/ Issue date: **10 / 01/16/2025**

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

|                         |   |
|-------------------------|---|
| Item number/ Trade name | fragrance composition<br>14982-401-15       |
| UFI                     | Bergamot & Patchouli<br>P4D0-G0VR-S00E-3XGP |

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

|             |  |
|-------------|--|
| General use | Perfumes, fragrances, Formulation of fragranced products |
|-------------|--|

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

Antwerp Luxury Candle Supplies  
Oostmalsebaan 1c /5  
2960 Brecht  
mail@luxurycandlesupplies.eu  
Phone: +32 343 043 40  
[www.luxurycandlesupplies.eu](http://www.luxurycandlesupplies.eu)

### 1.4 Telefoonnummer voor noodgevallen

Anti poison Center in Belgium  
(+32) 070 24 52 45

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to EC regulation 1272/2008 (CLP)

Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.  
Eye Irrit. 2; H319 Causes serious eye irritation.  
Skin Irrit. 2; H315 Causes skin irritation.  
Skin Sens. 1; H317 May cause an allergic skin reaction.

### 2.2 Label elements



**Signal word**

Warning

**Nature of Hazard**

GHS07 Exclamation mark  
GHS09 Environment

**Hazard statements**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.

**Safety precautions**

H411 Toxic to aquatic life with long lasting effects.  
P264 Wash affected areas thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P321 Specific treatment (see instructions on this label).  
P362 Take off contaminated clothing.  
P302+P352 IF ON SKIN: Wash with plenty of water/soap.  
P332+P313 If skin irritation occurs: Get medical advice/attention.

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P363 Wash contaminated clothing before reuse.  
P501 Dispose of contents/container to hazardous waste.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P273 Avoid release to the environment.  
P391 Collect spillage.

## Hazard components for labelling

3,7-Dimethyl-1,6-nonadien-3-ol(10339-55-6); Citronellol(106-22-9);  
2,6-Dimethylhept-5-enal(106-72-9); 2,6,10-trimethylundec-9-enal(141-13-9);  
3-(4-isobutyl-2-methylphenyl)propanal(1637294-12-2);  
2-methoxy-4-propylphenol(2785-87-7); 4-tert-butylcyclohexyl acetate(32210-23-4);  
Acetyl cedrene(32388-55-9);  
1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one(33704-61-9);  
(E)-Anethole(4180-23-8);  
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthyl)ethan-1-one(54464-57-2);  
delta-Damascone(57378-68-4); 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde(68039-49-6);  
3,7-Dimethyloctan-3-ol(78-69-3)

## Special provisions concerning the labelling of certain mixtures

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### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher. The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

---

### 3.2 Mixtures

#### Hazardous ingredients

2,6-dimethyloct-7-en-2-ol: 10 % - 24,99 %  
CAS-Number: 18479-58-8  
EC-number: 242-362-4  
REACH registration No.: 01-2119457274-37  
Classification according to EC regulation 1272/2008 (CLP):  
Eye Irrit. 2; H319 / STOT SE 3; H336 / Skin Irrit. 2; H315

3,7-Dimethyl-1,6-nonadien-3-ol: 3 % - 9,99 %  
CAS-Number: 10339-55-6  
EC-number: 233-732-6  
REACH registration No.: 01-2119969272-32-xxxx  
Classification according to EC regulation 1272/2008 (CLP):  
Eye Irrit. 2; H319 / Skin Sens. 1B; H317

2-tert-Butylcyclohexyl acetate: 3 % - 9,99 %  
CAS-Number: 88-41-5  
EC-number: 201-828-7  
REACH registration No.: 01-2119970713-33

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Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 2; H411

4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-on: 1 % - 2,49 %  
CAS-Number: 14901-07-6  
EC-number: 238-969-9  
REACH registration No.: 01-2119449921-34-xxxx  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 2; H411

Coumarin: 1 % - 2,49 %  
CAS-Number: 91-64-5  
EC-number: 202-086-7  
REACH registration No.: 01-2119949300-45-XXXX  
Classification according to EC regulation 1272/2008 (CLP):  
Acute Tox. 3; H301 / Acute Tox. 4; H302 / Skin Sens. 1B; H317

Linalool: 1 % - 2,49 %  
CAS-Number: 78-70-6  
EU index number: 603-235-00-2  
EC-number: 201-134-4  
REACH registration No.: 01-2119474016-42  
Classification according to EC regulation 1272/2008 (CLP):  
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

3,7-Dimethyloctan-3-ol: 1 % - 2,49 %  
CAS-Number: 78-69-3  
EC-number: 201-133-9  
REACH registration No.: 01-2119454788-21-xxxx  
Classification according to EC regulation 1272/2008 (CLP):  
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthyl)ethan-1-one: 1 % - 2,49 %  
CAS-Number: 54464-57-2  
EC-number: 259-174-3  
REACH registration No.: 01-2119489989-04  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 1; H410 (M = 1) / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

4-tert-butylcyclohexyl acetate: 1 % - 2,49 %  
CAS-Number: 32210-23-4  
EC-number: 250-954-9  
REACH registration No.: 01-2119976286-24-xxxx  
Classification according to EC regulation 1272/2008 (CLP):  
Skin Sens. 1B; H317

[3R-(3a,3aB,6a,7B,8aa)]-Octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-6-ol: 1 % - 2,49 %  
CAS-Number: 77-53-2  
EC-number: 201-035-6  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 2; H411

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3-Ethoxy-4-hydroxybenzaldehyde: 1 % - 2,49 %  
CAS-Number: 121-32-4  
EC-number: 204-464-7  
REACH registration No.: 01-2119958961-24-xxxx  
Classification according to EC regulation 1272/2008 (CLP):  
Eye Irrit. 2; H319

Eugenol: 1 % - 2,49 %  
CAS-Number: 97-53-0  
EC-number: 202-589-1  
REACH registration No.: 01-2119971802-33  
Classification according to EC regulation 1272/2008 (CLP):  
Eye Irrit. 2; H319 / Skin Sens. 1B; H317

Acetyl cedrene: 1 % - 2,49 %  
CAS-Number: 32388-55-9  
EC-number: 251-020-3  
REACH registration No.: 01-2119969651-28  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 1; H410 (M = 1) / Skin Sens. 1B; H317

2,4,6-Trimethyl-4-phenyl-1,3-dioxane: 1 % - 2,49 %  
CAS-Number: 5182-36-5  
EC-number: 225-963-6  
REACH registration No.: 01-2120736310-68  
Classification according to EC regulation 1272/2008 (CLP):  
Acute Tox. 4; H302 / Aquatic Chronic 3; H412

Oils, Lavandin: 0,1 % - 0,99 %  
CAS-Number: 93455-96-0  
EC-number: 297-384-7  
REACH registration No.: 01-2120736147-55  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 3; H412 / Eye Irrit. 2; H319 / Skin Sens. 1B; H317

Citronellol: 0,1 % - 0,99 %  
CAS-Number: 106-22-9  
EC-number: 203-375-0  
REACH registration No.: 01-2119453995-23-XXXX  
Classification according to EC regulation 1272/2008 (CLP):  
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

2-methoxy-4-propylphenol: 0,1 % - 0,99 %  
CAS-Number: 2785-87-7

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EC-number: 220-499-0  
Classification according to EC regulation 1272/2008 (CLP):  
Eye Dam. 1; H318 / STOT SE 3; H335 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Elemi oil: 0,1 % - 0,99 %  
CAS-Number: 97675-63-3  
EC-number: 945-898-3  
REACH registration No.: 01-2120735788-38  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one: 0,1 % - 0,99 %  
CAS-Number: 33704-61-9  
EC-number: 251-649-3  
REACH registration No.: 01-2119977131-40  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 2; H411 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

3-(4-isobutyl-2-methylphenyl)propanal: 0,1 % - 0,99 %  
CAS-Number: 1637294-12-2  
EC-number: 811-285-3  
REACH registration No.: 01-2120103156-71-xxxx  
Classification according to EC regulation 1272/2008 (CLP):  
Acute Tox. 4; H332 / Aquatic Chronic 2; H411 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde: 0,1 % - 0,99 %  
CAS-Number: 68039-49-6  
EC-number: 268-264-1  
Classification according to EC regulation 1272/2008 (CLP):  
Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

delta-Damascone: 0,1 % - 0,99 %  
CAS-Number: 57378-68-4  
EC-number: 260-709-8  
REACH registration No.: 01-2119535122-53  
Classification according to EC regulation 1272/2008 (CLP):

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Acute Tox. 4; H302 / Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 1; H410 (M = 1) / Skin Irrit. 2; H315 / Skin Sens. 1A; H317

(E)-Anethole: 0,1 % - 0,99 %  
 CAS-Number: 4180-23-8  
 EC-number: 224-052-0  
 REACH registration No.: 01-2119979097-22  
 Classification according to EC regulation 1272/2008 (CLP):  
 Skin Sens. 1; H317

2,6-Dimethylhept-5-enal: 0,1 % - 0,99 %  
 CAS-Number: 106-72-9  
 EC-number: 203-427-2  
 REACH registration No.: 01-2120270305-62  
 Classification according to EC regulation 1272/2008 (CLP):  
 Skin Sens. 1B; H317

2,6,10-trimethylundec-9-enal: 0,1 % - 0,99 %  
 CAS-Number: 141-13-9  
 EC-number: 205-460-8  
 REACH registration No.: 01-2120139915-49  
 Classification according to EC regulation 1272/2008 (CLP):  
 Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 1; H410 (M = 1) / Skin Sens. 1B; H317

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|                         |   |
|-------------------------|---|
| General information     | Remove affected person from the danger area and lay down. Do not leave affected person unattended. Show this safety data sheet to the doctor in attendance.                                     |
| In case of inhalation   | If unconscious but breathing normally, place in recovery position and seek medical advice. Seek medical aid in case of troubles.  |
| In case of skin contact | Thoroughly clean the contaminated area with water.  |
| After eye contact       | Remove contact lenses, if any. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently seek the immediate attention of an ophthalmologist. |
| After swallowing        | Keep airway open. Never give anything by mouth to an unconscious person. Seek medical treatment in case of troubles.  |

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

|          |                   |
|----------|-------------------|
| Symptoms | No data available |
|----------|-------------------|

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

|                          |                   |
|--------------------------|-------------------|
| Information to physician | No data available |
|--------------------------|-------------------|

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media dry extinguishing powder, Alcohol resistant foam , carbon dioxide , water mist

Extinguishing media which must not be used for safety reasons Full water jet

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

Possible combustion products May form dangerous gases and vapours in case of fire.

### 5.3 Advice for firefighters

Special protective equipment for firefighters Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information Do not allow water used to extinguish fire to enter drains, ground or waterways. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

## SECTION 6: Accidental release measures

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

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### 6.2 environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. Discharge into the environment must be avoided. If necessary notify appropriate authorities.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

### 6.4 Reference to other sections

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advices on safe handling Avoid exposure - obtain special instructions before use. Avoid contact with skin, eyes, and clothing. When using do not eat, drink, smoke, sniff. Ensure all waste water is collected and treated via a waste water treatment plant. Personal protection equipment: see section 8

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

Requirements for storerooms and containers Keep container tightly closed in a cool, well-ventilated place. Protect from light.

Storage class 10

### 7.3 Specific end use(s)

General use Perfumes, fragrances, Formulation of fragranced products

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

---

#### Exposure limit values: components

#### (2-Methoxymethylethoxy)propanol

| State | Type | Value | Unit | Text |
|-------|------|-------|------|------|
|       |      |       |      |      |

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|     |     |        |                   |            |
|-----|-----|--------|-------------------|------------|
| ZZE | TWA | 50,00  | ppm               | 2000/39/EC |
| ZZE | TWA | 308,00 | mg/m <sup>3</sup> | 2000/39/EC |

## 8.2 Exposure controls

Respiratory protection

Avoid exceeding WEL threshold levels. Respiratory protection must be worn whenever the WEL levels have been exceeded. Provide good ventilation and/or an exhaust system in the work area.

Hand protection

breakthrough time Short-term, accidental skin contact: Breakthrough time 10 min  
In case of prolonged or frequently repeated skin contact: If direct skin contact with the chemical is expected during work, then gloves conforming to EN 16523-1/ASTM F739 (or equivalent local standard) with a breakthrough time at least equal to the contact time must be worn. Breakthrough time: Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection

Use safety glasses conforming to EN 166/ANSI Z87.1 or equivalent local standards.

Body protection

Wear suitable protective clothing. When handling larger quantities: face protection, rubber boots and rubber apron.

General protection and hygiene measures

Avoid contact with skin, eyes, and clothing. After work, wash hands and face. When using do not eat, drink or smoke. Wash contaminated clothing prior to re-use.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form liquid  
Colour yellowish  
Odour characteristic

Important health, safety and environmental information

|   | min                   | max |       |     |
|---|-----------------------|-----|-------|-----|
| Melting point/freezing point            | < 20 °C               | --- |       |     |
| Initial boiling point and boiling range | ---                   | --- |       |     |
| Flammability                            |                       |     | ---   |     |
| Explosion limits                        | ---                   | --- |       |     |
| Flash point/flash point range           | 86 °C c.c.            | --- |       |     |
| Ignition temperature                    | ---                   | --- |       |     |
| PH                                      | ---                   | --- | ---   | --- |
| Viscosity                               | ---                   | --- | ---   | --- |
| Solubility                              | ---                   | --- | ---   | --- |
| Partition coefficient: n-octanol/water  | ---                   | --- |       | --- |
| Vapour pressure                         | ber. 0,1145 hPa       | --- | 20 °C | --- |
| Density and/or relative density         | 0,9 g/cm <sup>3</sup> | --- | 20 °C | --- |
| Relative vapour density                 | ---                   | --- |       | --- |
| Bulk density                            | ---                   | --- | ---   |     |
| Flow time 4mm (DIN)                     | ---                   |     |       |     |
| Water solubility                        | ---                   |     |       |     |

### 9.2 Other information

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## SECTION 10: Stability and reactivity

|  |                         |
|--|-------------------------|
| <b>10.1 Reactivity</b>                         | No data available       |
| <b>10.2 Chemical stability</b>                 | No data available       |
| <b>10.3 Possibility of hazardous reactions</b> | Strong oxidizing agents |
| <b>10.4 Conditions to avoid</b>                | No data available       |
| <b>10.5 Incompatible materials</b>             | No data available       |
| <b>10.6 Hazardous decomposition products</b>   | No data available       |

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### General remarks

No data available

#### Toxicological tests: components

##### 2,6-dimethyloct-7-en-2-ol

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 3600.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

#### Toxicological tests: components

##### 3,7-Dimethyl-1,6-nonadien-3-ol

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 5000.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 5000.0 | mg/kg | - |
|--------|------|--------|-------|---|

Rabbit

#### Toxicological tests: components

##### 2-tert-Butylcyclohexyl acetate

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 4600.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 5000.0 | mg/kg | - |
|--------|------|--------|-------|---|

Rabbit

#### Toxicological tests: components

##### 4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-on

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 3940.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

#### Toxicological tests: components

##### Coumarin

|      |      |       |       |   |
|------|------|-------|-------|---|
| oral | LD50 | 290.0 | mg/kg | - |
|------|------|-------|-------|---|

Rat

#### Toxicological tests: components

##### Linalool

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 2790.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

#### Toxicological tests: components

##### 3,7-Dimethyloctan-3-ol

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 5000.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

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|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 5000.0 | mg/kg | - |
|--------|------|--------|-------|---|

*Rabbit*

**Toxicological tests: components**

**1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 5000.0 | mg/kg | - |
|------|------|--------|-------|---|

*Rat*

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 5000.0 | mg/kg | - |
|--------|------|--------|-------|---|

*Rabbit*

**Toxicological tests: components**

**4-tert-butylcyclohexyl acetate**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 5000.0 | mg/kg | - |
|------|------|--------|-------|---|

*Rat*

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 5000.0 | mg/kg | - |
|--------|------|--------|-------|---|

*Rabbit*

**Toxicological tests: components**

**[3R-(3a,3aβ,6a,7β,8aa)]-Octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-6-ol**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 5000.0 | mg/kg | - |
|------|------|--------|-------|---|

*Rat*

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 5000.0 | mg/kg | - |
|--------|------|--------|-------|---|

*Rabbit*

**Toxicological tests: components**

**3-Ethoxy-4-hydroxybenzaldehyde**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 3160.0 | mg/kg | - |
|------|------|--------|-------|---|

*Rat*

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 2000.0 | mg/kg | - |
|--------|------|--------|-------|---|

*Rat*

**Toxicological tests: components**

**Eugenol**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 2130.0 | mg/kg | - |
|------|------|--------|-------|---|

*guinea pig*

**Toxicological tests: components**

**Acetyl cedrene**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 5000.0 | mg/kg | - |
|------|------|--------|-------|---|

*Rat*

**Toxicological tests: components**

**Oils, Lavandin**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 5000.0 | mg/kg | - |
|------|------|--------|-------|---|

*Rat*

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 5000.0 | mg/kg | - |
|--------|------|--------|-------|---|

*Rabbit*

**Toxicological tests: components**

**Citronellol**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 3450.0 | mg/kg | - |
|------|------|--------|-------|---|

*Rat*

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 2650.0 | mg/kg | - |
|--------|------|--------|-------|---|

*Rabbit*

**Toxicological tests: components**

**2-methoxy-4-propylphenol**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 2600.0 | mg/kg | - |
|------|------|--------|-------|---|

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Rat

**Toxicological tests: components**

**1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 2900.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

**Toxicological tests: components**

**2,4-Dimethylcyclohex-3-ene-1-carbaldehyde**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 3100.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 5000.0 | mg/kg | - |
|--------|------|--------|-------|---|

Rabbit

**Toxicological tests: components**

**delta-Damascone**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 1400.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

**Toxicological tests: components**

**(E)-Anethole**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 2090.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 5000.0 | mg/kg | - |
|--------|------|--------|-------|---|

Rabbit

**Toxicological tests: components**

**2,6-Dimethylhept-5-enal**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 5000.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 5000.0 | mg/kg | - |
|--------|------|--------|-------|---|

Rabbit

**Toxicological tests: components**

**2,6,10-trimethylundec-9-enal**

|      |      |        |       |   |
|------|------|--------|-------|---|
| oral | LD50 | 5000.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

|        |      |        |       |   |
|--------|------|--------|-------|---|
| dermal | LD50 | 5000.0 | mg/kg | - |
|--------|------|--------|-------|---|

Rabbit

**11.2 Information on other hazards**

Endocrine disrupting properties

The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

Further details

No data available

**SECTION 12: Ecological information**

**12.1 Toxicity**

Aquatic toxicity

Toxic to aquatic life with long lasting effects.

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## **12.2 Persistence and degradability**

|                       |                   |
|-----------------------|-------------------|
| Evaluation text       | No data available |
| Degree of elimination | No data available |
| Analytical method     | No data available |

## **12.3 Bioaccumulative potential**

No data available

## **12.4 Mobility in soil**

No data available

## **12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher.

## **12.6 Endocrine disrupting properties**

The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

## **12.7 Other adverse effects**

An environmental hazard cannot be ruled out in the event of improper handling or disposal. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

#### **Product**

|                |   |
|----------------|---|
| Recommendation | Discharge into the environment must be avoided. Dispose of waste according to applicable legislation. |
|----------------|---|

#### **Package**

|                |  |
|----------------|--|
| Recommendation | Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. |
|----------------|--|

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## SECTION 14: Transport information

### 14.1 UN number

ADR, IATA, IMDG UN3082

### 14.2 UN proper shipping name

Product designation: ADR/RID Environmentally hazardous substance, liquid n.o.s.  
Proper shipping name: IATA-DGR Environmentally hazardous substance, liquid, n.o.s. (EXTRAKTS, LIQUID)  
Proper shipping name: IMDG Environmentally hazardous substance, liquid, n.o.s. (EXTRAKTS, LIQUID)

### 14.3 Transport hazard class(es)

Class ADR/RID 9  
Classification code M6  
ADR/RID  
Class IATA-DGR 9  
Subrisk IATA-DGR ---  
Class IMDG 9  
Subrisk IMDG ---

### 14.4 Packing group

ADR, IATA, IMDG III

### 14.5 Environmental hazards

Marine Pollutant - IMDG MARINE POLLUTANT  
EmS F-A, S-F  
Stowage and segregation Stowage Category A

### 14.6 Special precautions for user

---

### 14.7 Maritime transport in bulk according to IMO instruments

---

### **Additional information**

EQ E1  
Limited quantities 5L  
Special Provisions ADR: 274, 335, 375, 601  
IMDG: 274, 335, 969  
IATA: A97, A158, A197  
Tunnel restriction (-)  
Transport category 3  
Kemmler-number 90  
---

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## SECTION 15: Regulatory information

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

#### National regulations

##### Europe

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##### Germany

|  |   |
|--|---|
| Storage class                          | 10  |
| Water Hazard Class                     | 2   |
| Major Accident Ordinance (12. BImSchV) | E2 Hazardous to the Aquatic Environment in Category Chronic 2 |
| Information on working limitations     | Observe employment restrictions for young people.             |

### 15.2 Chemical Safety Assessment

Chemical Safety Assessment ---

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## SECTION 16: Other information

### Hazard statements (CLP)

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
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.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H400 Very toxic 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.  
H318 Causes serious eye damage.  
H400 Very toxic to aquatic life.

---

Reason of change

---

### Abbreviations

--- no data, not determined or not applicable  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No. 1907/2006)  
OECD Organisation for Economic Co-operation and Development  
LD50 Median lethal dose  
LC50 Median lethal concentration  
EC50 Median effective dose  
IC50 Median inhibitory concentration  
VCI Verband der chemischen Industrie  
CAS Chemical Abstract Service  
EINECS European Inventory of Existing Commercial Chemical Substances  
ELINCS European List of Notified Chemical Substances  
NLP No Longer Polymers  
CLP Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging  
EG European Union  
WGK water hazard class (according to AwSV, Appendix 1 (5.2))  
AGW Occupational Exposure Limit  
ADR Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulation on the international carriage of dangerous goods by rail)  
IATA International Air Transport Association  
IMDG International Maritime Dangerous Goods  
MARPOL International Convention for the Prevention of Pollution From Ships (MARine POLLution)  
EmS Emergency Schedules  
PBT persistent, bioaccumulative and toxic  
vPvB very persistent and very bioaccumulative