

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

#### 1.1. Product identifier

|                 |                        |
|-----------------|------------------------|
| Product form    | : Mixture              |
| Trade name      | : ROSE #EU55295F       |
| UFI             | : E4VT-59TT-M00Q-FXC1  |
| Product code    | : EU55295F             |
| Type of product | : Perfumes, fragrances |
| Product group   | : Trade product        |

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

##### 1.2.1. Relevant identified uses

|                                  |   |
|----------------------------------|---|
| Main use category                | : Professional use, Industrial use        |
| Industrial/Professional use spec | : Industrial<br>For professional use only |
| Use of the substance/mixture     | : Perfumes, fragrances                    |
| Function or use category         | : Odour agents                            |

##### 1.2.2. Uses advised against

No additional information available

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

FRENCH COLOR & FRAGRANCE International GmbH  
 Mittlerer Weg 35  
 DE- 79424 Auggen  
 Germany  
 T 49-7631-931-8900  
[SDS@frenchcolor.com](mailto:SDS@frenchcolor.com) - [www.frenchcolor.com](http://www.frenchcolor.com)

#### 1.4. Emergency telephone number

|                  |  |
|------------------|--|
| Emergency number | : 1-800-255-3924; +01-813-248-0585; China:+400-120-0751; Mexico:+01-800-099-0731;<br>Brazil: +0-800-591-6042; India: +000-800-100-4086 |
|------------------|--|

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

|   |      |
|---|------|
| Skin corrosion/irritation, Category 2                             | H315 |
| Serious eye damage/eye irritation, Category 2                     | H319 |
| Skin sensitisation, Category 1                                    | H317 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 2 | H411 |
| Full text of H- and EUH-statements: see section 16                |      |

##### Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

GHS09

Signal word (CLP)

: Warning

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|                                |  |
|--------------------------------|--|
| Contains                       | : Hexyl cinnamic aldehyde; Orange oil ; Benzyl salicylate; Iso E Super; Vertenex; Citronellol Pure; Geraniol; Nerol; Vertofix; Triplal (Vertocitral); Amberwood F; Helional; Bergamot oil; Geranyl acetate; Linalool; Cyclamal; delta-Damascone  |
| Hazard statements (CLP)        | : H315 - Causes skin irritation.<br>H317 - May cause an allergic skin reaction.<br>H319 - Causes serious eye irritation.<br>H411 - Toxic to aquatic life with long lasting effects.  |
| Precautionary statements (CLP) | : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P264 - Wash hands, forearms and face thoroughly after handling.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P273 - Avoid release to the environment.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of water. |
| Extra phrases                  | : For professional users only.   |

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier   | %            | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|--|--------------|--|
| Bis(2-ethylhexyl) adipate<br>substance with national workplace exposure limit(s)<br>(PL) | CAS-No.: 103-23-1<br>EC-No.: 203-090-1<br>REACH-no: 01-2119439699-19                               | 11.2 – 22.33 | Not classified   |
| Hexyl cinnamic aldehyde  | CAS-No.: 101-86-0<br>EC-No.: 202-983-3<br>REACH-no: 01-2119533092-50                               | 8.6 – 17.25  | Skin Sens. 1, H317<br>Aquatic Chronic 2, H411  |
| Orange oil   | CAS-No.: 8008-57-9<br>EC-No.: 232-433-8<br>REACH-no: 01-2119493353-35                              | 3.7 – 7.43   | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411 |
| Benzyl salicylate  | CAS-No.: 118-58-1<br>EC-No.: 204-262-9<br>EC Index-No.: 607-754-00-5<br>REACH-no: 01-2119969442-31 | 3.7 – 7.43   | Eye Irrit. 2, H319<br>Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412   |
| Verdox   | CAS-No.: 88-41-5<br>EC-No.: 201-828-7<br>REACH-no: 01-2119970713-33                                | 1.9 – 3.79   | Aquatic Chronic 2, H411  |

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| Name  | Product identifier  | %             | Classification according to Regulation (EC) No. 1272/2008 [CLP]                               |
|---|---|---------------|---|
| Ethylene brassylate                         | CAS-No.: 105-95-3<br>EC-No.: 203-347-8<br>REACH-no: 01-2119976314-33                                | 1.9 – 3.71    | Aquatic Chronic 2, H411   |
| Iso E Super                                 | CAS-No.: 54464-57-2<br>EC-No.: 259-174-3<br>REACH-no: 01-2119489989-04                              | 1.9 – 3.71    | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 1, H410                          |
| Vertenex                                    | CAS-No.: 32210-23-4<br>EC-No.: 250-954-9<br>REACH-no: 01-2119976286-24                              | 1.9 – 3.71    | Skin Sens. 1B, H317   |
| Phenylethyl alcohol                         | CAS-No.: 60-12-8<br>EC-No.: 200-456-2<br>REACH-no: 01-2119963921-31                                 | 1.9 – 3.71    | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319   |
| 2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol | CAS-No.: 63500-71-0<br>EC-No.: 405-040-6<br>EC Index-No.: 603-101-00-3<br>REACH-no: 01-000015458-64 | 1.1 – 2.75    | Eye Irrit. 2, H319  |
| Citronellol Pure                            | CAS-No.: 106-22-9<br>EC-No.: 203-375-0<br>REACH-no: 01-2119453995-23                                | 1.1 – 2.2335  | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317                              |
| Methyl ionone (mixture of isomers)          | CAS-No.: 1335-46-2<br>EC-No.: 215-635-0   | 0.7 – 1.49    | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Aquatic Chronic 2, H411                          |
| acetyl cedrene                              | CAS-No.: 32388-55-9<br>EC-No.: 251-020-3<br>REACH-no: 01-2119969651-28                              | 0.7 – 1.49    | Skin Sens. 1B, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                       |
| Terpinyl acetate                            | CAS-No.: 80-26-2<br>EC-No.: 201-265-7   | 0.7 – 1.49    | Aquatic Chronic 2, H411   |
| Triplal (Vertocitral)                       | CAS-No.: 68039-49-6<br>EC-No.: 268-264-1  | 0.6 – 1.11475 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412    |
| Amberwood F                                 | CAS-No.: 58567-11-6<br>EC-No.: 261-332-1  | 0.6 – 1.11    | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                         |
| Geraniol                                    | CAS-No.: 106-24-1<br>EC-No.: 203-377-1<br>EC Index-No.: 603-241-00-5<br>REACH-no: 01-2119552430-49  | 0.42 – 0.894  | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317                                 |
| Sandela                                     | CAS-No.: 66068-84-6<br>EC-No.: 266-100-3  | 0.4 – 0.74    | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411 |

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| Name   | Product identifier  | %             | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|--|---|---------------|---|
| Helional   | CAS-No.: 1205-17-0<br>EC-No.: 214-881-6<br>REACH-no: 01-2120740119-58                             | 0.4 – 0.74    | Skin Sens. 1B, H317<br>Repr. 2, H361<br>Aquatic Chronic 2, H411   |
| Nerol  | CAS-No.: 106-25-2<br>EC-No.: 203-378-7  | 0.28 – 0.596  | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317   |
| Bergamot oil   | CAS-No.: 8007-75-8<br>EC-No.: 289-612-9   | 0.2 – 0.37    | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Chronic 3, H412 |
| Geranyl acetate  | CAS-No.: 105-87-3<br>EC-No.: 203-341-5<br>REACH-no: 01-2119973480-35                              | 0.2 – 0.37    | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412  |
| Linalool   | CAS-No.: 78-70-6<br>EC-No.: 201-134-4<br>EC Index-No.: 603-235-00-2<br>REACH-no: 01-2119474016-42 | 0.2 – 0.3     | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317  |
| Rose oxide   | CAS-No.: 16409-43-1<br>EC-No.: 240-457-5  | 0.1 – 0.18635 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Repr. 2, H361  |
| Cyclamal   | CAS-No.: 103-95-7<br>EC-No.: 203-161-7<br>REACH-no: 01-2119970582-32                              | 0.1 – 0.15    | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411   |
| Allyl amyl glycolate   | CAS-No.: 67634-00-8<br>EC-No.: 266-803-5  | 0.1 – 0.12    | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Acute Tox. 2 (Inhalation), H330   |
| delta-Damascone  | CAS-No.: 57378-68-4<br>EC-No.: 260-709-8  | 0.1 – 0.111   | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 1, H410                                     |
| Undecatriene   | CAS-No.: 16356-11-9<br>EC-No.: 240-416-1  | 0 – 0.0333    | Asp. Tox. 1, H304<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=10)<br>Skin Irrit. 2, H315                            |
| .beta.-Pinene<br>substance with national workplace exposure limit(s)<br>(BE, EE, ES, LT, PT, SE, NO)   | CAS-No.: 127-91-3<br>EC-No.: 204-872-5  | ≤ 0.0105      | Flam. Liq. 3, H226  |
| Dipropylene glycol monomethyl ether<br>substance with national workplace exposure limit(s)<br>(AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB,<br>GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT,<br>RO, SE, SI, SK, NO, CH, TR); substance with a<br>Community workplace exposure limit | CAS-No.: 34590-94-8<br>EC-No.: 252-104-2  | ≤ 0.00868     | Not classified  |

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| Name  | Product identifier                     | %          | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|------------|---|
| .alpha.-Pinene<br>substance with national workplace exposure limit(s)<br>(BE, EE, ES, LT, PT, SE, NO) | CAS-No.: 80-56-8<br>EC-No.: 201-291-9  | ≤ 0.0007   | Flam. Liq. 3, H226  |
| decyl alcohol<br>substance with national workplace exposure limit(s)<br>(BG, DE, LT, LV, RO, CH)      | CAS-No.: 112-30-1<br>EC-No.: 203-956-9 | 0 – 0.0001 | Aquatic Chronic 3, H412   |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.   |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.   |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.  |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects                    | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction.   |
| Symptoms/effects after eye contact  | : Eye irritation.  |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Sand. Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

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

|  |                                |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.  |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage temperature : 25 °C

Storage area : Store in a well-ventilated place. Store away from heat.

Special rules on packaging : Store in a closed container.

Packaging materials : Do not store in corrodable metal.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

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| <b>Bis(2-ethylhexyl) adipate (103-23-1)</b>       |   |
|---|---|
| <b>Poland - Occupational Exposure Limits</b>      |   |
| NDS (OEL TWA)                                     | 400 mg/m <sup>3</sup>                                     |
| <b>.beta.-Pinene (127-91-3)</b>                   |   |
| <b>Belgium - Occupational Exposure Limits</b>     |   |
| OEL TWA [ppm]                                     | 20 ppm  |
| <b>Estonia - Occupational Exposure Limits</b>     |   |
| OEL TWA   | 150 mg/m <sup>3</sup>                                     |
| OEL TWA [ppm]                                     | 25 ppm  |
| OEL STEL  | 300 mg/m <sup>3</sup>                                     |
| OEL STEL [ppm]                                    | 50 ppm  |
| <b>Lithuania - Occupational Exposure Limits</b>   |   |
| IPRV (OEL TWA)                                    | 150 mg/m <sup>3</sup>                                     |
| IPRV (OEL TWA) [ppm]                              | 25 ppm  |
| TPRV (OEL STEL)                                   | 300 mg/m <sup>3</sup>                                     |
| TPRV (OEL STEL) [ppm]                             | 50 ppm  |
| <b>Portugal - Occupational Exposure Limits</b>    |   |
| OEL TWA [ppm]                                     | 20 ppm (Turpentine and selected Monoterpenes)             |
| OEL chemical category                             | Sensitizer, A4 - Not Classifiable as a Human Carcinogen   |
| <b>Spain - Occupational Exposure Limits</b>       |   |
| VLA-ED (OEL TWA) [1]                              | 113 mg/m <sup>3</sup>                                     |
| VLA-ED (OEL TWA) [2]                              | 20 ppm  |
| OEL chemical category                             | Sensitizer  |
| <b>Sweden - Occupational Exposure Limits</b>      |   |
| NGV (OEL TWA)                                     | 150 mg/m <sup>3</sup>                                     |
| NGV (OEL TWA) [ppm]                               | 25 ppm  |
| KTV (OEL STEL)                                    | 300 mg/m <sup>3</sup>                                     |
| KTV (OEL STEL) [ppm]                              | 50 ppm  |
| OEL chemical category                             | Sensitizer  |
| <b>Norway - Occupational Exposure Limits</b>      |   |
| Grenseverdi (OEL TWA) [1]                         | 140 mg/m <sup>3</sup>                                     |
| Grenseverdi (OEL TWA) [2]                         | 25 ppm  |
| Korttidsverdi (OEL STEL)                          | 175 mg/m <sup>3</sup> (value calculated)                  |
| Korttidsverdi (OEL STEL) [ppm]                    | 37.5 ppm (value calculated)                               |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |   |
| ACGIH OEL TWA [ppm]                               | 20 ppm (Turpentine and selected monoterpenes)             |
| ACGIH chemical category                           | Not Classifiable as a Human Carcinogen, dermal sensitizer |

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| <b>.alpha.-Pinene (80-56-8)</b>                           |   |
|---|---|
| <b>Belgium - Occupational Exposure Limits</b>             |   |
| OEL TWA [ppm]   | 20 ppm  |
| <b>Estonia - Occupational Exposure Limits</b>             |   |
| OEL TWA   | 150 mg/m <sup>3</sup>                                     |
| OEL TWA [ppm]   | 25 ppm  |
| OEL STEL  | 300 mg/m <sup>3</sup>                                     |
| OEL STEL [ppm]  | 50 ppm  |
| <b>Lithuania - Occupational Exposure Limits</b>           |   |
| IPRV (OEL TWA)  | 150 mg/m <sup>3</sup>                                     |
| IPRV (OEL TWA) [ppm]                                      | 25 ppm  |
| TPRV (OEL STEL)   | 300 mg/m <sup>3</sup>                                     |
| TPRV (OEL STEL) [ppm]                                     | 50 ppm  |
| <b>Portugal - Occupational Exposure Limits</b>            |   |
| OEL TWA [ppm]   | 20 ppm (Turpentine and selected Monoterpenes)             |
| OEL chemical category                                     | Sensitizer, A4 - Not Classifiable as a Human Carcinogen   |
| <b>Spain - Occupational Exposure Limits</b>               |   |
| VLA-ED (OEL TWA) [1]                                      | 113 mg/m <sup>3</sup>                                     |
| VLA-ED (OEL TWA) [2]                                      | 20 ppm  |
| OEL chemical category                                     | Sensitizer  |
| <b>Sweden - Occupational Exposure Limits</b>              |   |
| NGV (OEL TWA)   | 150 mg/m <sup>3</sup>                                     |
| NGV (OEL TWA) [ppm]                                       | 25 ppm  |
| KTV (OEL STEL)  | 300 mg/m <sup>3</sup>                                     |
| KTV (OEL STEL) [ppm]                                      | 50 ppm  |
| OEL chemical category                                     | Sensitizer  |
| <b>Norway - Occupational Exposure Limits</b>              |   |
| Grenseverdi (OEL TWA) [1]                                 | 140 mg/m <sup>3</sup>                                     |
| Grenseverdi (OEL TWA) [2]                                 | 25 ppm  |
| Korttidsverdi (OEL STEL)                                  | 175 mg/m <sup>3</sup> (value calculated)                  |
| Korttidsverdi (OEL STEL) [ppm]                            | 37.5 ppm (value calculated)                               |
| OEL chemical category                                     | Skin notation   |
| <b>USA - ACGIH - Occupational Exposure Limits</b>         |   |
| ACGIH OEL TWA [ppm]                                       | 20 ppm (Turpentine and selected monoterpenes)             |
| ACGIH chemical category                                   | Not Classifiable as a Human Carcinogen, dermal sensitizer |
| <b>Dipropylene glycol monomethyl ether (34590-94-8)</b>   |   |
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |   |
| IOEL TWA  | 308 mg/m <sup>3</sup>                                     |
| IOEL TWA [ppm]  | 50 ppm  |
| Remark  | Possibility of significant uptake through the skin        |

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| <b>Dipropylene glycol monomethyl ether (34590-94-8)</b> |   |
|---|---|
| <b>Austria - Occupational Exposure Limits</b>           |   |
| MAK (OEL TWA)   | 307 mg/m <sup>3</sup> (mixed isomers)     |
| MAK (OEL TWA) [ppm]                                     | 50 ppm (mixed isomers)                    |
| MAK (OEL STEL)  | 614 mg/m <sup>3</sup> (isomers mixtures)  |
| MAK (OEL STEL) [ppm]                                    | 100 ppm (isomers mixtures)                |
| OEL chemical category                                   | Skin notation                             |
| <b>Belgium - Occupational Exposure Limits</b>           |   |
| OEL TWA   | 308 mg/m <sup>3</sup>                     |
| OEL TWA [ppm]   | 50 ppm                                    |
| OEL chemical category                                   | Skin, Skin notation                       |
| <b>Bulgaria - Occupational Exposure Limits</b>          |   |
| OEL TWA   | 308 mg/m <sup>3</sup>                     |
| OEL TWA [ppm]   | 50 ppm                                    |
| <b>Croatia - Occupational Exposure Limits</b>           |   |
| GVI (OEL TWA) [1]                                       | 308 mg/m <sup>3</sup>                     |
| GVI (OEL TWA) [2]                                       | 50 ppm                                    |
| OEL chemical category                                   | Skin notation                             |
| <b>Cyprus - Occupational Exposure Limits</b>            |   |
| OEL TWA   | 308 mg/m <sup>3</sup>                     |
| OEL TWA [ppm]   | 50 ppm                                    |
| OEL chemical category                                   | Skin-potential for cutaneous absorption   |
| <b>Czech Republic - Occupational Exposure Limits</b>    |   |
| PEL (OEL TWA)   | 270 mg/m <sup>3</sup>                     |
| OEL chemical category                                   | Potential for cutaneous absorption        |
| <b>Denmark - Occupational Exposure Limits</b>           |   |
| OEL TWA [1]   | 309 mg/m <sup>3</sup>                     |
| OEL TWA [2]   | 50 ppm                                    |
| OEL chemical category                                   | Potential for cutaneous absorption        |
| <b>Estonia - Occupational Exposure Limits</b>           |   |
| OEL TWA   | 308 mg/m <sup>3</sup>                     |
| OEL TWA [ppm]   | 50 ppm                                    |
| OEL chemical category                                   | Skin notation                             |
| <b>Finland - Occupational Exposure Limits</b>           |   |
| HTP (OEL TWA) [1]                                       | 310 mg/m <sup>3</sup>                     |
| HTP (OEL TWA) [2]                                       | 50 ppm                                    |
| OEL chemical category                                   | Potential for cutaneous absorption        |
| <b>France - Occupational Exposure Limits</b>            |   |
| VME (OEL TWA)   | 308 mg/m <sup>3</sup> (restrictive limit) |
| VME (OEL TWA) [ppm]                                     | 50 ppm (restrictive limit)                |

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| <b>Dipropylene glycol monomethyl ether (34590-94-8)</b>  |   |
|--|---|
| OEL chemical category                                    | Risk of cutaneous absorption  |
| <b>Germany - Occupational Exposure Limits (TRGS 900)</b> |   |
| AGW (OEL TWA) [1]  | 310 mg/m <sup>3</sup> (isomer mixture)                              |
| AGW (OEL TWA) [2]  | 50 ppm (isomer mixture)   |
| <b>Gibraltar - Occupational Exposure Limits</b>          |   |
| OEL TWA  | 308 mg/m <sup>3</sup>   |
| OEL TWA [ppm]  | 50 ppm  |
| OEL chemical category                                    | Skin notation   |
| <b>Greece - Occupational Exposure Limits</b>             |   |
| OEL TWA  | 600 mg/m <sup>3</sup>   |
| OEL TWA [ppm]  | 100 ppm   |
| OEL STEL   | 900 mg/m <sup>3</sup>   |
| OEL STEL [ppm]   | 150 ppm   |
| OEL chemical category                                    | skin - potential for cutaneous absorption                           |
| <b>Hungary - Occupational Exposure Limits</b>            |   |
| AK (OEL TWA)   | 308 mg/m <sup>3</sup>   |
| <b>Ireland - Occupational Exposure Limits</b>            |   |
| OEL TWA [1]  | 308 mg/m <sup>3</sup> ((2-Methoxymethylethoxy)propanol)             |
| OEL TWA [2]  | 50 ppm ((2-Methoxymethylethoxy)propanol)                            |
| OEL STEL   | 924 mg/m <sup>3</sup> (calculated (2-(2-Methoxypropoxy)-1-propanol) |
| OEL STEL [ppm]   | 150 ppm (calculated (2-(2-Methoxypropoxy)-1-propanol)               |
| OEL chemical category                                    | Potential for cutaneous absorption                                  |
| <b>Italy - Occupational Exposure Limits</b>              |   |
| OEL TWA  | 308 mg/m <sup>3</sup>   |
| OEL TWA [ppm]  | 50 ppm  |
| OEL chemical category                                    | skin - potential for cutaneous absorption                           |
| <b>Latvia - Occupational Exposure Limits</b>             |   |
| OEL TWA  | 308 mg/m <sup>3</sup>   |
| OEL TWA [ppm]  | 50 ppm  |
| OEL chemical category                                    | skin - potential for cutaneous exposure                             |
| <b>Lithuania - Occupational Exposure Limits</b>          |   |
| IPRV (OEL TWA)   | 300 mg/m <sup>3</sup> (2-(2-Methoxypropoxy)-propanol)               |
| IPRV (OEL TWA) [ppm]                                     | 50 ppm (2-(2-Methoxypropoxy)-propanol)                              |
| TPRV (OEL STEL)  | 450 mg/m <sup>3</sup> (2-(2-Methoxypropoxy)-propanol)               |
| TPRV (OEL STEL) [ppm]                                    | 75 ppm (2-(2-Methoxypropoxy)-propanol)                              |
| OEL chemical category                                    | Skin notation   |
| <b>Luxembourg - Occupational Exposure Limits</b>         |   |
| OEL TWA  | 308 mg/m <sup>3</sup>   |
| OEL TWA [ppm]  | 50 ppm  |

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| <b>Dipropylene glycol monomethyl ether (34590-94-8)</b> |  |
|---|--|
| OEL chemical category                                   | Possibility of significant uptake through the skin   |
| <b>Malta - Occupational Exposure Limits</b>             |  |
| OEL TWA   | 308 mg/m <sup>3</sup>  |
| OEL TWA [ppm]   | 50 ppm   |
| OEL chemical category                                   | Possibility of significant uptake through the skin   |
| <b>Netherlands - Occupational Exposure Limits</b>       |  |
| TGG-8u (OEL TWA)  | 300 mg/m <sup>3</sup>  |
| <b>Poland - Occupational Exposure Limits</b>            |  |
| NDS (OEL TWA)   | 240 mg/m <sup>3</sup> (mixture of isomers: 1-(2-Methoxy-1-methylethoxy)propan-2-ol, 1-(2-Methoxy-2-methylethoxy)propan-2-ol and 2-(2-Methoxy-1-methylethoxy)propan-1-ol) |
| NDSch (OEL STEL)  | 480 mg/m <sup>3</sup> (mixture of isomers: 1-(2-Methoxy-1-methylethoxy)propan-2-ol, 1-(2-Methoxy-2-methylethoxy)propan-2-ol, 2-(2-Methoxy-1-methylethoxy)propan-1-ol)    |
| <b>Portugal - Occupational Exposure Limits</b>          |  |
| OEL TWA   | 308 mg/m <sup>3</sup> (indicative limit value)   |
| OEL TWA [ppm]   | 50 ppm (indicative limit value)  |
| OEL STEL [ppm]  | 150 ppm  |
| OEL chemical category                                   | skin - potential for cutaneous exposure indicative limit value   |
| <b>Romania - Occupational Exposure Limits</b>           |  |
| OEL TWA   | 308 mg/m <sup>3</sup>  |
| OEL TWA [ppm]   | 50 ppm   |
| OEL chemical category                                   | Skin notation  |
| <b>Slovakia - Occupational Exposure Limits</b>          |  |
| NPHV (OEL TWA) [1]                                      | 308 mg/m <sup>3</sup>  |
| NPHV (OEL TWA) [2]                                      | 50 ppm   |
| OEL chemical category                                   | Potential for cutaneous absorption   |
| <b>Slovenia - Occupational Exposure Limits</b>          |  |
| OEL TWA   | 308 mg/m <sup>3</sup>  |
| OEL TWA [ppm]   | 50 ppm   |
| OEL STEL  | 308 mg/m <sup>3</sup>  |
| OEL STEL [ppm]  | 50 ppm   |
| OEL chemical category                                   | Potential for cutaneous absorption   |
| <b>Spain - Occupational Exposure Limits</b>             |  |
| VLA-ED (OEL TWA) [1]                                    | 308 mg/m <sup>3</sup> (indicative limit value)   |
| VLA-ED (OEL TWA) [2]                                    | 50 ppm (indicative limit value)  |
| OEL chemical category                                   | skin - potential for cutaneous absorption  |
| <b>Sweden - Occupational Exposure Limits</b>            |  |
| NGV (OEL TWA)   | 300 mg/m <sup>3</sup>  |
| NGV (OEL TWA) [ppm]                                     | 50 ppm   |
| KTV (OEL STEL)  | 450 mg/m <sup>3</sup>  |
| KTV (OEL STEL) [ppm]                                    | 75 ppm   |

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| <b>Dipropylene glycol monomethyl ether (34590-94-8)</b>  |   |
|--|---|
| OEL chemical category                                    | Skin notation   |
| <b>United Kingdom - Occupational Exposure Limits</b>     |   |
| WEL TWA (OEL TWA) [1]                                    | 308 mg/m <sup>3</sup>   |
| WEL TWA (OEL TWA) [2]                                    | 50 ppm  |
| WEL STEL (OEL STEL)                                      | 924 mg/m <sup>3</sup> (calculated)  |
| WEL STEL (OEL STEL) [ppm]                                | 150 ppm (calculated)  |
| WEL chemical category                                    | Potential for cutaneous absorption  |
| <b>Norway - Occupational Exposure Limits</b>             |   |
| Grønseverdi (OEL TWA) [1]                                | 300 mg/m <sup>3</sup>   |
| Grønseverdi (OEL TWA) [2]                                | 50 ppm  |
| Korttidsverdi (OEL STEL)                                 | 375 mg/m <sup>3</sup> (value calculated)  |
| Korttidsverdi (OEL STEL) [ppm]                           | 75 ppm (value calculated)   |
| OEL chemical category                                    | Skin notation   |
| <b>Switzerland - Occupational Exposure Limits</b>        |   |
| MAK (OEL TWA) [1]  | 300 mg/m <sup>3</sup> (aerosol, vapour)   |
| MAK (OEL TWA) [2]  | 50 ppm (aerosol, vapour)  |
| KZGW (OEL STEL)  | 300 mg/m <sup>3</sup> (aerosol, vapour)   |
| KZGW (OEL STEL) [ppm]                                    | 50 ppm (aerosol, vapour)  |
| <b>USA - ACGIH - Occupational Exposure Limits</b>        |   |
| ACGIH OEL TWA [ppm]                                      | 100 ppm   |
| ACGIH OEL STEL [ppm]                                     | 150 ppm   |
| ACGIH chemical category                                  | Skin - potential significant contribution to overall exposure by the cutaneous route                                  |
| <b>decyl alcohol (112-30-1)</b>                          |   |
| <b>Bulgaria - Occupational Exposure Limits</b>           |   |
| OEL TWA  | 10 mg/m <sup>3</sup>  |
| <b>Germany - Occupational Exposure Limits (TRGS 900)</b> |   |
| AGW (OEL TWA) [1]  | 66 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| AGW (OEL TWA) [2]  | 10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)               |
| <b>Latvia - Occupational Exposure Limits</b>             |   |
| OEL TWA  | 10 mg/m <sup>3</sup>  |
| <b>Lithuania - Occupational Exposure Limits</b>          |   |
| IPRV (OEL TWA)   | 10 mg/m <sup>3</sup>  |
| <b>Romania - Occupational Exposure Limits</b>            |   |
| OEL TWA  | 100 mg/m <sup>3</sup>   |
| OEL TWA [ppm]  | 15 ppm  |
| OEL STEL   | 200 mg/m <sup>3</sup>   |
| OEL STEL [ppm]   | 30 ppm  |

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### decyl alcohol (112-30-1)

#### Switzerland - Occupational Exposure Limits

|                       |  |
|-----------------------|--|
| MAK (OEL TWA) [1]     | 66 mg/m <sup>3</sup> (aerosol, vapour) |
| MAK (OEL TWA) [2]     | 10 ppm (aerosol, vapour)               |
| KZGW (OEL STEL)       | 66 mg/m <sup>3</sup> (aerosol, vapour) |
| KZGW (OEL STEL) [ppm] | 10 ppm (aerosol, vapour)               |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Avoid all unnecessary exposure.

##### Personal protective equipment symbol(s):



##### 8.2.2.1. Eye and face protection

###### Eye protection:

Chemical goggles or safety glasses. Safety glasses

##### 8.2.2.2. Skin protection

###### Skin and body protection:

Wear suitable protective clothing

###### Hand protection:

Wear protective gloves.

##### 8.2.2.3. Respiratory protection

###### Respiratory protection:

Wear appropriate mask

##### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

##### Other information:

Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|   |  |
|---|--|
| Physical state                                  | : Liquid                                     |
| Colour  | : light yellow. amber. Conforms to standard. |
| Odour   | : characteristic.                            |
| Odour threshold                                 | : Not available                              |
| Melting point                                   | : Not applicable                             |
| Freezing point                                  | : Not available                              |
| Boiling point                                   | : Not available                              |
| Flammability                                    | : Not applicable                             |
| Explosive limits                                | : Not available                              |
| Lower explosion limit                           | : Not available                              |
| Upper explosion limit                           | : Not available                              |
| Flash point                                     | : 90 °C                                      |
| Auto-ignition temperature                       | : Not available                              |
| Decomposition temperature                       | : Not available                              |
| pH  | : Not available                              |
| Viscosity, kinematic                            | : Not available                              |
| Solubility                                      | : Not available                              |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                              |
| Vapour pressure                                 | : Not available                              |
| Vapour pressure at 50°C                         | : Not available                              |
| Density   | : Not available                              |
| Relative density                                | : Not available                              |
| Relative vapour density at 20°C                 | : Not available                              |
| Particle characteristics                        | : Not applicable                             |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

No additional information available

##### 9.2.2. Other safety characteristics

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

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### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

| <b>Bis(2-ethylhexyl) adipate (103-23-1)</b> |               |
|---|---------------|
| LD50 oral rat                               | 5600 mg/kg    |
| LD50 dermal rabbit                          | 8410 mg/kg    |
| LC50 Inhalation - Rat                       | > 5.7 mg/l/4h |

| <b>Hexyl cinnamic aldehyde (101-86-0)</b> |                       |
|---|-----------------------|
| LD50 oral rat                             | 3100 mg/kg            |
| LD50 oral                                 | 3100 mg/kg bodyweight |
| LD50 dermal rabbit                        | > 3000 mg/kg          |
| LC50 Inhalation - Rat                     | > 5 mg/l/4h           |

| <b>Orange oil (8008-57-9)</b> |              |
|-------------------------------|--------------|
| LD50 oral rat                 | 4400 mg/kg   |
| LD50 dermal rabbit            | > 5000 mg/kg |

| <b>Benzyl salicylate (118-58-1)</b> |                       |
|-------------------------------------|-----------------------|
| LD50 oral rat                       | 2227 mg/kg            |
| LD50 oral                           | 2200 mg/kg bodyweight |
| LD50 dermal rabbit                  | > 5000 mg/kg          |

| <b>Verdox (88-41-5)</b> |                       |
|-------------------------|-----------------------|
| LD50 oral rat           | 4600 mg/kg            |
| LD50 oral               | 4600 mg/kg bodyweight |

| <b>Ethylene brassylate (105-95-3)</b> |              |
|---------------------------------------|--------------|
| LD50 oral rat                         | > 5000 mg/kg |
| LD50 dermal rabbit                    | > 5000 mg/kg |

| <b>Vertenex (32210-23-4)</b> |                       |
|------------------------------|-----------------------|
| LD50 oral rat                | 5 g/kg                |
| LD50 oral                    | 3370 mg/kg bodyweight |
| LD50 dermal rabbit           | > 5000 mg/kg          |

| <b>Phenylethyl alcohol (60-12-8)</b> |                       |
|--------------------------------------|-----------------------|
| LD50 oral rat                        | 1609 mg/kg            |
| LD50 oral                            | 1610 mg/kg bodyweight |
| LD50 dermal rabbit                   | 2535 mg/kg            |
| LD50 dermal                          | 2500 mg/kg bodyweight |
| LC50 Inhalation - Rat                | > 4.63 mg/l/4h        |

| <b>Citronellol Pure (106-22-9)</b> |            |
|------------------------------------|------------|
| LD50 oral rat                      | 3450 mg/kg |

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| <b>Citronellol Pure (106-22-9)</b>                              |                       |
|---|-----------------------|
| LD50 oral   | 3450 mg/kg bodyweight |
| LD50 dermal rabbit  | 2650 mg/kg            |
| LD50 dermal   | 2650 mg/kg bodyweight |
| <b>2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol (63500-71-0)</b> |                       |
| LD50 dermal rabbit  | > 2000 mg/kg          |
| <b>Methyl ionone (mixture of isomers) (1335-46-2)</b>           |                       |
| LD50 oral rat   | > 5000 mg/kg          |
| LD50 dermal rabbit  | > 5000 mg/kg          |
| LD50 dermal   | 2900 mg/kg bodyweight |
| <b>Geraniol (106-24-1)</b>                                      |                       |
| LD50 oral rat   | 3600 mg/kg            |
| LD50 oral   | 3600 mg/kg bodyweight |
| LD50 dermal rabbit  | > 5 g/kg              |
| <b>Nerol (106-25-2)</b>   |                       |
| LD50 oral rat   | 4500 mg/kg            |
| LD50 oral   | 4500 mg/kg bodyweight |
| LD50 dermal rabbit  | > 5 g/kg              |
| <b>acetyl cedrene (32388-55-9)</b>                              |                       |
| LD50 oral   | 4500 mg/kg bodyweight |
| LD50 dermal rabbit  | > 5000 mg/kg          |
| <b>Terpinyl acetate (80-26-2)</b>                               |                       |
| LD50 oral rat   | 5075 mg/kg            |
| <b>Triplal (Vertocitral) (68039-49-6)</b>                       |                       |
| LD50 oral   | 3900 mg/kg bodyweight |
| <b>Amberwood F (58567-11-6)</b>                                 |                       |
| LD50 oral rat   | > 5 g/kg              |
| LD50 dermal rabbit  | > 5000 mg/kg          |
| <b>Sandela (66068-84-6)</b>                                     |                       |
| LD50 dermal rat   | > 2000 mg/kg          |
| LC50 Inhalation - Rat   | > 5.27 mg/l/4h        |
| <b>Helional (1205-17-0)</b>                                     |                       |
| LD50 dermal rabbit  | > 2000 mg/kg          |
| <b>Bergamot oil (8007-75-8)</b>                                 |                       |
| LD50 oral rat   | 11520 mg/kg           |
| <b>Geranyl acetate (105-87-3)</b>                               |                       |
| LD50 oral rat   | 6330 mg/kg            |

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| <b>Linalool (78-70-6)</b>                               |  |
|---|--|
| LD50 oral   | 2790 mg/kg bodyweight                  |
| <b>Rose oxide (16409-43-1)</b>                          |  |
| LD50 oral rat   | 4300 mg/kg                             |
| LD50 oral   | 4300 mg/kg bodyweight                  |
| <b>Cyclamal (103-95-7)</b>                              |  |
| LD50 oral rat   | 3810 mg/kg                             |
| LD50 oral   | 3810 mg/kg bodyweight                  |
| LD50 dermal rat   | > 5000 mg/kg                           |
| <b>Allyl amyl glycolate (67634-00-8)</b>                |  |
| LD50 oral   | 500 mg/kg bodyweight                   |
| LD50 dermal rat   | > 2000 mg/kg                           |
| LC50 Inhalation - Rat                                   | 0.43 mg/l/4h                           |
| LC50 Inhalation - Rat (Dust/Mist)                       | 0.5 mg/l/4h                            |
| <b>delta-Damascone (57378-68-4)</b>                     |  |
| LD50 oral   | 1400 mg/kg bodyweight                  |
| <b>.beta.-Pinene (127-91-3)</b>                         |  |
| LD50 oral rat   | > 5000 mg/kg                           |
| LD50 dermal rabbit                                      | > 5000 mg/kg                           |
| <b>.alpha.-Pinene (80-56-8)</b>                         |  |
| LD50 oral rat   | 3700 mg/kg                             |
| LD50 oral   | 500 mg/kg bodyweight                   |
| LD50 dermal rat   | > 5000 mg/kg                           |
| <b>Dipropylene glycol monomethyl ether (34590-94-8)</b> |  |
| LD50 oral rat   | 5.35 g/kg                              |
| LD50 dermal rabbit                                      | 9500 mg/kg                             |
| <b>Undecatriene (16356-11-9)</b>                        |  |
| LD50 oral rat   | 7563 mg/kg                             |
| <b>decyl alcohol (112-30-1)</b>                         |  |
| LD50 oral rat   | 4720 mg/kg                             |
| LD50 dermal rabbit                                      | 3560 mg/kg                             |
| Skin corrosion/irritation                               | : Causes skin irritation.              |
| Serious eye damage/irritation                           | : Causes serious eye irritation.       |
| Respiratory or skin sensitisation                       | : May cause an allergic skin reaction. |
| Germ cell mutagenicity                                  | : Not classified                       |
| Carcinogenicity   | : Not classified                       |
| <b>Bis(2-ethylhexyl) adipate (103-23-1)</b>             |  |
| IARC group  | 3 - Not classifiable                   |
| Reproductive toxicity                                   | : Not classified                       |
| STOT-single exposure                                    | : Not classified                       |

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STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

### Orange oil (8008-57-9)

|             |     |
|-------------|-----|
| Hydrocarbon | Yes |
|-------------|-----|

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No additional information available

### 11.2.2. Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

### Bis(2-ethylhexyl) adipate (103-23-1)

|                      |  |
|----------------------|--|
| LC50 - Fish [1]      | 0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| LC50 - Fish [2]      | 0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| EC50 - Crustacea [1] | > 1.6 mg/l (Exposure time: 48 h - Species: Daphnia magna)                      |
| EC50 72h - Algae [1] | > 500 mg/l (Species: Desmodesmus subspicatus)                                  |

### Benzyl salicylate (118-58-1)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
|-----------------|--|

### Vertenex (32210-23-4)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static]) |
|-----------------|---|

### Phenylethyl alcohol (60-12-8)

|                      |  |
|----------------------|--|
| EC50 - Crustacea [1] | 287.17 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| EC50 72h - Algae [1] | 490 mg/l (Species: Desmodesmus subspicatus)                |

### Methyl ionone (mixture of isomers) (1335-46-2)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 2.3 mg/l (Exposure time: 96 h - Species: Danio rerio [static]) |
|-----------------|--|

### Geraniol (106-24-1)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 22 mg/l (Exposure time: 96 h - Species: Danio rerio [static]) |
|-----------------|---|

### Nerol (106-25-2)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 20.3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
|-----------------|--|

### Terpinyl acetate (80-26-2)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | > 11 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
|-----------------|---|

### Linalool (78-70-6)

|                      |  |
|----------------------|--|
| EC50 96h - Algae [1] | 88.3 mg/l (Species: Desmodesmus subspicatus) |
|----------------------|--|

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| <b>.alpha.-Pinene (80-56-8)</b>                                 |  |
|---|--|
| LC50 - Fish [1]   | 0.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])            |
| EC50 - Crustacea [1]  | 41 mg/l (Exposure time: 48 h - Species: Daphnia magna)                             |
| <b>Dipropylene glycol monomethyl ether (34590-94-8)</b>         |  |
| LC50 - Fish [1]   | > 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         |
| EC50 - Crustacea [1]  | 1919 mg/l (Exposure time: 48 h - Species: Daphnia magna)                           |
| <b>decyl alcohol (112-30-1)</b>                                 |  |
| LC50 - Fish [1]   | 2.2 – 2.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| LC50 - Fish [2]   | 4.12 – 6.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])      |
| EC50 - Crustacea [1]  | 3 mg/l (Exposure time: 48 h - Species: Daphnia magna)                              |
| <b>12.2. Persistence and degradability</b>                      |  |
| <b>ROSE #EU55295F</b>   |  |
| Persistence and degradability                                   | Not established.   |
| <b>Amberwood F (58567-11-6)</b>                                 |  |
| Persistence and degradability                                   | May cause long-term adverse effects in the environment.                            |
| <b>12.3. Bioaccumulative potential</b>                          |  |
| <b>ROSE #EU55295F</b>   |  |
| Bioaccumulative potential                                       | Not established.   |
| <b>Bis(2-ethylhexyl) adipate (103-23-1)</b>                     |  |
| BCF - Fish [1]  | (27 dimensionless)   |
| Partition coefficient n-octanol/water (Log Pow)                 | 8.94 (at 25 °C)  |
| <b>Benzyl salicylate (118-58-1)</b>                             |  |
| Partition coefficient n-octanol/water (Log Pow)                 | 4  |
| <b>Ethylene brassylate (105-95-3)</b>                           |  |
| Partition coefficient n-octanol/water (Log Pow)                 | 4.3 (at 25 °C (at pH 6.4-7))   |
| <b>Vertenex (32210-23-4)</b>                                    |  |
| Partition coefficient n-octanol/water (Log Pow)                 | 4.8 (at 25 °C)   |
| <b>Phenylethyl alcohol (60-12-8)</b>                            |  |
| Partition coefficient n-octanol/water (Log Pow)                 | 1.36 (at 20 °C (at pH 7))  |
| <b>Citronellol Pure (106-22-9)</b>                              |  |
| Partition coefficient n-octanol/water (Log Pow)                 | 3.41 (at 25 °C)  |
| <b>2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol (63500-71-0)</b> |  |
| Partition coefficient n-octanol/water (Log Pow)                 | 1.65 (at 23 °C (at pH >6.09-<6.74))  |
| <b>Methyl ionone (mixture of isomers) (1335-46-2)</b>           |  |
| Partition coefficient n-octanol/water (Log Pow)                 | (>4.5 - <5 - at 23 °C (at pH 6.2))   |

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| <b>Geraniol (106-24-1)</b>                              |                                       |
|---|---------------------------------------|
| Partition coefficient n-octanol/water (Log Pow)         | 2.6 (at 25 °C)                        |
| <b>Nerol (106-25-2)</b>                                 |                                       |
| Partition coefficient n-octanol/water (Log Pow)         | 2.76 (at 30 °C (at pH 6.5))           |
| <b>acetyl cedrene (32388-55-9)</b>                      |                                       |
| BCF - Fish [1]  | (3920 dimensionless (organ w.w.))     |
| Partition coefficient n-octanol/water (Log Pow)         | 5.6 – 5.9                             |
| <b>Terpinyl acetate (80-26-2)</b>                       |                                       |
| Partition coefficient n-octanol/water (Log Pow)         | 4.4 (at 30 °C (at pH 7))              |
| <b>Amberwood F (58567-11-6)</b>                         |                                       |
| BCF - Fish [1]  | (530 dimensionless (whole body w.w.)) |
| Partition coefficient n-octanol/water (Log Pow)         | 5.4 (at 25 °C)                        |
| Bioaccumulative potential                               | Not established.                      |
| <b>Helional (1205-17-0)</b>                             |                                       |
| Partition coefficient n-octanol/water (Log Pow)         | 2.4 (at 25 °C)                        |
| <b>Geranyl acetate (105-87-3)</b>                       |                                       |
| Partition coefficient n-octanol/water (Log Pow)         | 4.04                                  |
| <b>Rose oxide (16409-43-1)</b>                          |                                       |
| Partition coefficient n-octanol/water (Log Pow)         | 3.3 (at 23 °C (at pH 6.5))            |
| <b>Cyclamal (103-95-7)</b>                              |                                       |
| Partition coefficient n-octanol/water (Log Pow)         | 3.4 (at 35 °C)                        |
| <b>Allyl amyl glycolate (67634-00-8)</b>                |                                       |
| Partition coefficient n-octanol/water (Log Pow)         | 1.96 (at 25 °C (at pH 2.3))           |
| <b>.alpha.-Pinene (80-56-8)</b>                         |                                       |
| Partition coefficient n-octanol/water (Log Pow)         | 4.1                                   |
| <b>Dipropylene glycol monomethyl ether (34590-94-8)</b> |                                       |
| Partition coefficient n-octanol/water (Log Pow)         | 0.35 (at 25 °C (at pH 7))             |
| <b>decyl alcohol (112-30-1)</b>                         |                                       |
| Partition coefficient n-octanol/water (Log Pow)         | 4.5 (at 25 °C (at pH 6))              |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|  |  |
|--|--|
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.  |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations.  |
| Ecology - waste materials                  | : Avoid release to the environment.  |
| HP Code                                    | : HP3 - "Flammable:"<br>– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;<br>– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;<br>– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;<br>– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;<br>– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;<br>– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.<br>HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.<br>HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.<br>HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment |

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR  | IMDG  | IATA  | ADN   | RID   |
|--|---|---|---|---|
| <b>14.1. UN number or ID number</b>  |   |   |   |   |
| UN 3082  | UN 3082   | UN 3082   | UN 3082   | UN 3082   |
| <b>14.2. UN proper shipping name</b>   |   |   |   |   |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super)                      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super)                                   | Environmentally hazardous substance, liquid, n.o.s. (Iso E Super)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super)                 |
| <b>Transport document description</b>  |   |   |   |   |
| UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super), 9, III, (-) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super), 9, III, MARINE POLLUTANT | UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Iso E Super), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super), 9, III |
| <b>14.3. Transport hazard class(es)</b>  |   |   |   |   |
| 9  | 9   | 9   | 9   | 9   |
|  |   |   |   |   |
| <b>14.4. Packing group</b>   |   |   |   |   |
| III  | III   | III   | III   | III   |

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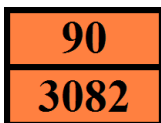
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ADR                                    | IMDG  | IATA                               | ADN                                | RID                                |
|--|---|------------------------------------|------------------------------------|------------------------------------|
| <b>14.5. Environmental hazards</b>     |   |                                    |                                    |                                    |
| Dangerous for the environment: Yes     | Dangerous for the environment: Yes<br>Marine pollutant: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes |
| No supplementary information available |   |                                    |                                    |                                    |

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : M6  
Special provisions (ADR) : 274, 335, 375, 601  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Special packing provisions (ADR) : PP1  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T4  
Portable tank and bulk container special provisions (ADR) : TP1, TP29  
Tank code (ADR) : LGBV  
Vehicle for tank carriage : AT  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Special provisions for carriage - Loading, unloading and handling (ADR) : CV13  
Hazard identification number (Kemler No.) : 90  
Orange plates :



Tunnel restriction code (ADR) : -  
EAC code : •3Z

#### Transport by sea

Special provisions (IMDG) : 274, 335, 969  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : LP01, P001  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1, TP29  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-F  
Stowage category (IMDG) : A

#### Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y964  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 964  
PCA max net quantity (IATA) : 450L  
CAO packing instructions (IATA) : 964  
CAO max net quantity (IATA) : 450L  
Special provisions (IATA) : A97, A158, A197, A215  
ERG code (IATA) : 9L

#### Inland waterway transport

Classification code (ADN) : M6

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Special provisions (ADN) : 274, 335, 375, 601  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : M6  
Special provisions (RID) : 274, 335, 375, 601  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Special packing provisions (RID) : PP1  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T4  
Portable tank and bulk container special provisions (RID) : TP1, TP29  
Tank codes for RID tanks (RID) : LGBV  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31  
Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 90

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

###### EU restriction list (REACH Annex XVII)

| Reference code | Applicable on  | Entry title or description   |
|----------------|--|--|
| 3(a)           | Orange oil ; Bergamot oil ; .beta.-Pinene ; .alpha.-Pinene | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F |

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| EU restriction list (REACH Annex XVII) |   |  |
|--|---|--|
| Reference code                         | Applicable on   | Entry title or description   |
| 3(b)                                   | ROSE #EU55295F ;<br>Hexyl cinnamic aldehyde ;<br>Orange oil ; Benzyl salicylate ; Iso E Super ; Vertenex ; Phenylethyl alcohol ; Citronellol Pure ; 2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol ; Methyl ionone (mixture of isomers) ; Geraniol ; Nerol ; acetyl cedrene ; Triplal (Vertocitral) ; Amberwood F ; Sandela ; Helional ; Bergamot oil ; Geranyl acetate ; Linalool ; Rose oxide ; Cyclamal ; Allyl amyl glycolate ; delta-Damascone ; Undecatriene | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10  |
| 3(c)                                   | ROSE #EU55295F ;<br>Hexyl cinnamic aldehyde ;<br>Orange oil ; Benzyl salicylate ; Verdox ; Ethylene brassylate ; Iso E Super ; Methyl ionone (mixture of isomers) ; acetyl cedrene ; Terpinyl acetate ; Triplal (Vertocitral) ; Amberwood F ; Sandela ; Helional ; Bergamot oil ; Geranyl acetate ; Cyclamal ; delta-Damascone ; Undecatriene ; decyl alcohol   | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1  |
| 40.                                    | Orange oil ; Bergamot oil ; .beta.-Pinene ; .alpha.-Pinene  | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |

### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

##### Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Storage class (LGK, TRGS 510) : LGK 10 - Combustible liquids.

Joint storage table :

|          |         |          |          |           |
|----------|---------|----------|----------|-----------|
| LGK 1    | LGK 2A  | LGK 2B   | LGK 3    | LGK 4.1A  |
| LGK 4.1B | LGK 4.2 | LGK 4.3  | LGK 5.1A | LGK 5.1B  |
| LGK 5.1C | LGK 5.2 | LGK 6.1A | LGK 6.1B | LGK 6.1C  |
| LGK 6.1D | LGK 6.2 | LGK 7    | LGK 8A   | LGK 8B    |
| LGK 10   | LGK 11  | LGK 12   | LGK 13   | LGK 10-13 |

Joint storage not permitted for : LGK 1, LGK 2A, LGK 5.1A, LGK 6.2, LGK 7.

Joint storage with restrictions permitted for : LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2.

Joint storage permitted for : LGK 2B, LGK 3, LGK 4.1B, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13.

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

ABM category : A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van kankerverwekkende stoffen : Orange oil , Triplal (Vertocitral), Sandela, Bergamot oil, Allyl amyl glycolate are listed

SZW-lijst van mutagene stoffen : Orange oil , Triplal (Vertocitral), Sandela, Bergamot oil, Allyl amyl glycolate are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

##### Denmark

Class for fire hazard : Class III-1

Store unit : 50 liter

Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

##### Switzerland

Storage class (LK) : LK 10/12 - Liquids

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Other information : None.

### Full text of H- and EUH-statements:

|                           |   |
|---------------------------|---|
| Acute Tox. 2 (Inhalation) | Acute toxicity (inhal.), Category 2                               |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1           | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1         | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 2         | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Aquatic Chronic 3         | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |

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| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| 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. 3                        | Flammable liquids, Category 3                         |
| 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.                  |
| H318                                | Causes serious eye damage.                            |
| H319                                | Causes serious eye irritation.                        |
| H330                                | Fatal if inhaled.                                     |
| H361                                | Suspected of damaging fertility or the unborn child.  |
| 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.    |
| Repr. 2                             | Reproductive toxicity, Category 2                     |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                 |
| Skin Sens. 1                        | Skin sensitisation, Category 1                        |
| Skin Sens. 1B                       | Skin sensitisation, category 1B                       |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.