

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

#### 1.1. Product identifier

|                 |                                |
|-----------------|--------------------------------|
| Product form    | : Mixture                      |
| Trade name      | : RED CHERRY VANILLA #EU21045F |
| UFI             | : 4T8V-T1JS-G00A-U9JN          |
| Product code    | : EU21045F                     |
| 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                | : Industrial use, Professional use        |
| Industrial/Professional use spec | : For professional use only<br>Industrial |
| 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;  
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]

|   |      |
|---|------|
| Acute toxicity (oral), Category 4                                 | H302 |
| Skin sensitisation, Category 1                                    | H317 |
| Hazardous to the aquatic environment – Acute Hazard, Category 1   | H400 |
| 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

Harmful if swallowed. Toxic to aquatic life with long lasting effects. Very toxic to aquatic life. 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                       | : Benzyl benzoate; Benzaldehyde; Ethyl maltol; Heliotropine; Hexyl cinnamic aldehyde; beta-Caryophyllene; Allyl cyclohexylpropionate; Eugenol; Lemon oil   |
| Hazard statements (CLP)        | : H302 - Harmful if swallowed.<br>H317 - May cause an allergic skin reaction.<br>H410 - Very 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>P270 - Do not eat, drink or smoke when using this product.<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. |
| 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]               |
|---|---|--------------|---|
| Benzyl benzoate   | CAS-No.: 120-51-4<br>EC-No.: 204-402-9<br>EC Index-No.: 607-085-00-9<br>REACH-no: 01-2119976371-33  | 39.2 – 59.2  | Acute Tox. 4 (Oral), H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411 |
| Hexamethylindanopyran   | CAS-No.: 1222-05-5<br>EC-No.: 214-946-9<br>EC Index-No.: 603-212-00-7<br>REACH-no: 01-2119488227-29 | 4.375 – 8.75 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                              |
| Benzaldehyde<br>substance with national workplace exposure limit(s)<br>(BG, FI, HU, LT, LV, PL) | CAS-No.: 100-52-7<br>EC-No.: 202-860-4<br>EC Index-No.: 605-012-00-5<br>REACH-no: 01-2119455540-44  | 1.875 – 3.75 | Acute Tox. 4 (Oral), H302   |
| Vanillin  | CAS-No.: 121-33-5<br>EC-No.: 204-465-2<br>REACH-no: 01-2119516040-60                                | 1.75 – 3.5   | Eye Irrit. 2, H319  |
| Dimethylbenzyl carbinyl butyrate(DMBCB)   | CAS-No.: 10094-34-5<br>EC-No.: 233-221-8<br>REACH-no: 01-2120742578-44                              | 1.75 – 3.5   | Skin Irrit. 2, H315<br>Aquatic Chronic 3, H412                                |
| Ethyl maltol  | CAS-No.: 4940-11-8<br>EC-No.: 225-582-5   | 1.3 – 2.6    | Acute Tox. 4 (Oral), H302   |

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| Name  | Product identifier  | %               | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|---|---|-----------------|---|
| Lemon oil   | CAS-No.: 8008-56-8<br>EC-No.: 284-515-8   | 0.925 – 1.85    | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Repr. 2, H361<br>Aquatic Chronic 2, H411                               |
| Aldehyde C-14   | CAS-No.: 104-67-6<br>EC-No.: 203-225-4<br>REACH-no: 01-2119959333-34                                | 0.65 – 1.3      | Aquatic Chronic 3, H412   |
| Heliotropine  | CAS-No.: 120-57-0<br>EC-No.: 204-409-7<br>REACH-no: 01-2119983608-21                                | 0.45 – 0.9      | Skin Sens. 1B, H317   |
| Hexyl cinnamic aldehyde   | CAS-No.: 101-86-0<br>EC-No.: 202-983-3<br>REACH-no: 01-2119533092-50                                | 0.225 – 0.45    | Skin Sens. 1, H317<br>Aquatic Chronic 2, H411   |
| Benzyl acetate<br>substance with national workplace exposure limit(s)<br>(BE, DK, ES, IE, LT, LV, PT, RO) | CAS-No.: 140-11-4<br>EC-No.: 205-399-7<br>REACH-no: 01-2119638272-42                                | 0.225 – 0.45    | Aquatic Chronic 3, H412   |
| beta-Caryophyllene  | CAS-No.: 87-44-5<br>EC-No.: 201-746-1<br>REACH-no: 01-2120745237-53                                 | 0.06875 – 0.2   | Skin Sens. 1B, H317<br>Asp. Tox. 1, H304  |
| Allyl cyclohexylpropionate  | CAS-No.: 2705-87-5<br>EC-No.: 220-292-5   | 0.1 – 0.2       | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Skin Sens. 1, H317<br>Aquatic Chronic 1, H410                                 |
| cis-3-Hexenyl salicylate  | CAS-No.: 65405-77-8<br>EC-No.: 265-745-8  | 0.1 – 0.2       | Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411  |
| Eugenol   | CAS-No.: 97-53-0<br>EC-No.: 202-589-1<br>REACH-no: 01-2119971802-33                                 | 0.03125 – 0.125 | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317  |
| .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  | < 0.0025        | Flam. Liq. 3, H226  |
| .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   | < 0.0025        | Flam. Liq. 3, H226  |
| d-Limonene<br>substance with national workplace exposure limit(s)<br>(DE, ES, FI, SI, NO, CH)             | CAS-No.: 5989-27-5<br>EC-No.: 227-813-5<br>EC Index-No.: 601-096-00-2<br>REACH-no: 01-2119493353-35 | < 0.0025        | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Asp. Tox. 1, H304<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412 |

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

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Call a poison center or a doctor if you feel unwell.   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact | : 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 eyes with water as a precaution.   |
| First-aid measures after ingestion    | : Rinse mouth. Call a poison center or a doctor if you feel unwell.  |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |
|-------------------------------------|--|

#### 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 | : Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

#### 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

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

### 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. 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. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

#### 6.2. Environmental precautions

Avoid release to the environment.

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

#### 6.4. Reference to other sections

For further information refer to section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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

- Storage conditions : Store in a well-ventilated place. Keep cool.
- 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

| Benzaldehyde (100-52-7)                         |                        |
|---|------------------------|
| <b>Bulgaria - Occupational Exposure Limits</b>  |                        |
| OEL TWA   | 5 mg/m <sup>3</sup>    |
| <b>Finland - Occupational Exposure Limits</b>   |                        |
| HTP (OEL TWA) [1]                               | 4.4 mg/m <sup>3</sup>  |
| HTP (OEL TWA) [2]                               | 1 ppm                  |
| HTP (OEL C)                                     | 17.4 mg/m <sup>3</sup> |
| HTP (OEL C) [ppm]]                              | 4 ppm                  |
| <b>Hungary - Occupational Exposure Limits</b>   |                        |
| AK (OEL TWA)                                    | 5 mg/m <sup>3</sup>    |
| CK (OEL STEL)                                   | 10 mg/m <sup>3</sup>   |
| <b>Latvia - Occupational Exposure Limits</b>    |                        |
| OEL TWA   | 5 mg/m <sup>3</sup>    |
| <b>Lithuania - Occupational Exposure Limits</b> |                        |
| IPRV (OEL TWA)                                  | 5 mg/m <sup>3</sup>    |
| <b>Poland - Occupational Exposure Limits</b>    |                        |
| NDS (OEL TWA)                                   | 10 mg/m <sup>3</sup>   |
| NDSch (OEL STEL)                                | 40 mg/m <sup>3</sup>   |
| <b>Benzyl acetate (140-11-4)</b>                |                        |
| <b>Belgium - Occupational Exposure Limits</b>   |                        |
| OEL TWA   | 62 mg/m <sup>3</sup>   |
| OEL TWA [ppm]                                   | 10 ppm                 |

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| <b>Benzyl acetate (140-11-4)</b>                  |   |
|---|---|
| <b>Denmark - Occupational Exposure Limits</b>     |   |
| OEL TWA [1]                                       | 61 mg/m <sup>3</sup>  |
| OEL TWA [2]                                       | 10 ppm  |
| OEL STEL  | 122 mg/m <sup>3</sup>   |
| OEL STEL [ppm]                                    | 20 ppm  |
| <b>Ireland - Occupational Exposure Limits</b>     |   |
| OEL TWA [2]                                       | 10 ppm  |
| OEL STEL [ppm]                                    | 30 ppm (calculated)   |
| <b>Latvia - Occupational Exposure Limits</b>      |   |
| OEL TWA   | 5 mg/m <sup>3</sup>   |
| <b>Lithuania - Occupational Exposure Limits</b>   |   |
| IPRV (OEL TWA)                                    | 5 mg/m <sup>3</sup>   |
| <b>Portugal - Occupational Exposure Limits</b>    |   |
| OEL TWA [ppm]                                     | 10 ppm  |
| OEL chemical category                             | A4 - Not Classifiable as a Human Carcinogen   |
| <b>Romania - Occupational Exposure Limits</b>     |   |
| OEL TWA   | 50 mg/m <sup>3</sup>  |
| OEL TWA [ppm]                                     | 8 ppm   |
| OEL STEL  | 80 mg/m <sup>3</sup>  |
| OEL STEL [ppm]                                    | 13 ppm  |
| <b>Spain - Occupational Exposure Limits</b>       |   |
| VLA-ED (OEL TWA) [1]                              | 62 mg/m <sup>3</sup>  |
| VLA-ED (OEL TWA) [2]                              | 10 ppm  |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |   |
| ACGIH OEL TWA [ppm]                               | 10 ppm  |
| ACGIH chemical category                           | Not Classifiable as a Human Carcinogen  |
| <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> (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) |
| OEL TWA [ppm]                                     | 25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)                |
| OEL STEL  | 300 mg/m <sup>3</sup> (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) |
| OEL STEL [ppm]                                    | 50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)                |
| <b>Lithuania - Occupational Exposure Limits</b>   |   |
| IPRV (OEL TWA)                                    | 150 mg/m <sup>3</sup>   |

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| <b>.beta.-Pinene (127-91-3)</b>                   |   |
|---|---|
| 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 dermal, 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   |
| <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> (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) |
| OEL TWA [ppm]                                     | 25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)                |
| OEL STEL  | 300 mg/m <sup>3</sup> (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) |
| OEL STEL [ppm]                                    | 50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)                |
| <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>   |

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| <b>.alpha.-Pinene (80-56-8)</b>                          |   |
|--|---|
| 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 dermal, 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>d-Limonene (5989-27-5)</b>                            |   |
| <b>Finland - Occupational Exposure Limits</b>            |   |
| HTP (OEL TWA) [1]  | 140 mg/m <sup>3</sup>   |
| HTP (OEL TWA) [2]  | 25 ppm  |
| HTP (OEL STEL)   | 280 mg/m <sup>3</sup>   |
| HTP (OEL STEL) [ppm]                                     | 50 ppm  |
| <b>Germany - Occupational Exposure Limits (TRGS 900)</b> |   |
| AGW (OEL TWA) [1]  | 28 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]  | 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)                |
| Chemical category  | Skin notation, Skin sensitization   |
| <b>Slovenia - Occupational Exposure Limits</b>           |   |
| OEL TWA  | 28 mg/m <sup>3</sup>  |
| OEL TWA [ppm]  | 5 ppm   |
| OEL STEL   | 112 mg/m <sup>3</sup>   |



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| <b>d-Limonene (5989-27-5)</b>                     |   |
|---|---|
| OEL STEL [ppm]                                    | 20 ppm  |
| OEL chemical category                             | Potential for cutaneous absorption                    |
| <b>Spain - Occupational Exposure Limits</b>       |   |
| VLA-ED (OEL TWA) [1]                              | 168 mg/m <sup>3</sup>                                 |
| VLA-ED (OEL TWA) [2]                              | 30 ppm  |
| OEL chemical category                             | Sensitizer, skin - potential for cutaneous absorption |
| <b>Norway - Occupational Exposure Limits</b>      |   |
| Grønseverdi (OEL TWA) [1]                         | 140 mg/m <sup>3</sup>                                 |
| Grønseverdi (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                             | Allergenic substance                                  |
| <b>Switzerland - Occupational Exposure Limits</b> |   |
| MAK (OEL TWA) [1]                                 | 40 mg/m <sup>3</sup>                                  |
| MAK (OEL TWA) [2]                                 | 7 ppm   |
| KZGW (OEL STEL)                                   | 80 mg/m <sup>3</sup>                                  |
| KZGW (OEL STEL) [ppm]                             | 14 ppm  |
| OEL chemical category                             | Sensitizer  |

### 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 symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

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### Hand protection:

Protective gloves

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## 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                                     | : > 93.33 °C (closed cup) ASTM D7094         |
| 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                                | : ≈ 1.07                                     |
| 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

Stable under normal conditions.

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### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

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|                |                          |
|----------------|--------------------------|
| ATE CLP (oral) | 809.301 mg/kg bodyweight |
|----------------|--------------------------|

#### Benzyl benzoate (120-51-4)

|                    |                       |
|--------------------|-----------------------|
| LD50 oral rat      | 500 mg/kg             |
| LD50 oral          | 1160 mg/kg bodyweight |
| LD50 dermal rabbit | 4000 mg/kg            |

#### Hexamethylindanopyran (1222-05-5)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | > 3250 mg/kg |
| LD50 dermal rabbit | > 3250 mg/kg |

#### Benzaldehyde (100-52-7)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | 1292 mg/kg   |
| LD50 dermal rabbit | > 1250 mg/kg |

#### Vanillin (121-33-5)

|                    |                       |
|--------------------|-----------------------|
| LD50 dermal rabbit | > 5010 mg/kg          |
| LD50 dermal        | 2600 mg/kg bodyweight |

#### Ethyl maltol (4940-11-8)

|                    |                       |
|--------------------|-----------------------|
| LD50 oral rat      | 1150 mg/kg            |
| LD50 oral          | 1200 mg/kg bodyweight |
| LD50 dermal rabbit | > 5000 mg/kg          |

#### Aldehyde C-14 (104-67-6)

|                 |              |
|-----------------|--------------|
| LD50 oral rat   | 18500 mg/kg  |
| LD50 dermal rat | > 2000 mg/kg |

#### Heliotropine (120-57-0)

|               |            |
|---------------|------------|
| LD50 oral rat | 2700 mg/kg |
|---------------|------------|

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| <b>Heliotropine (120-57-0)</b>                              |                       |
|---|-----------------------|
| LD50 oral   | 2700 mg/kg bodyweight |
| LD50 dermal rat   | > 5000 mg/kg          |
| <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>Benzyl acetate (140-11-4)</b>                            |                       |
| LD50 oral rat   | 2490 mg/kg            |
| LD50 oral   | 2490 mg/kg bodyweight |
| LD50 dermal rabbit  | > 5000 mg/kg          |
| <b>Allyl cyclohexylpropionate (2705-87-5)</b>               |                       |
| LD50 oral rat   | 585 mg/kg             |
| LD50 oral   | 380 mg/kg bodyweight  |
| LD50 dermal rabbit  | 1600 mg/kg            |
| LD50 dermal   | 1600 mg/kg bodyweight |
| <b>cis-3-Hexenyl salicylate (65405-77-8)</b>                |                       |
| LD50 oral rat   | 5 g/kg                |
| LD50 oral   | 2500 mg/kg bodyweight |
| LD50 dermal rabbit  | > 2000 mg/kg          |
| <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>d-Limonene (5989-27-5)</b>                               |                       |
| LD50 oral rat   | 4400 mg/kg            |
| LD50 dermal rabbit  | > 5 g/kg              |
| <b>Eugenol (97-53-0)</b>                                    |                       |
| LD50 oral rat   | 1930 mg/kg            |
| LD50 oral   | 2500 mg/kg bodyweight |
| <b>Dimethylbenzyl carbonyl butyrate(DMBCB) (10094-34-5)</b> |                       |
| LD50 oral rat   | > 5 g/kg              |
| <b>Lemon oil (8008-56-8)</b>                                |                       |
| LD50 oral rat   | 2840 mg/kg            |

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|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Not classified                       |
| Serious eye damage/irritation     | : Not classified                       |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity            | : Not classified                       |
| Carcinogenicity                   | : Not classified                       |

### Benzyl acetate (140-11-4)

|            |                      |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

### d-Limonene (5989-27-5)

|            |                      |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

### Eugenol (97-53-0)

|            |                      |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

|                        |                  |
|------------------------|------------------|
| Reproductive toxicity  | : Not classified |
| STOT-single exposure   | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard      | : Not classified |

### Benzyl benzoate (120-51-4)

|                      |                          |
|----------------------|--------------------------|
| Viscosity, kinematic | 7.456 mm <sup>2</sup> /s |
|----------------------|--------------------------|

### Heliotropine (120-57-0)

|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

## 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |  |
|---|--|
| Ecology - general   | : Toxic to aquatic life with long lasting effects. Very toxic to aquatic life. |
| Hazardous to the aquatic environment, short-term (acute)  | : Very toxic to aquatic life.  |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects.                             |

### Benzyl benzoate (120-51-4)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
| NOEC (chronic)  | 0.168 mg/l   |

### Hexamethylindanopyran (1222-05-5)

|                                    |   |
|------------------------------------|---|
| LC50 - Fish [1]                    | 0.452 mg/l Wolf, 1996d-27682                  |
| LC50 - Other aquatic organisms [1] | > 0.14 mg/l REACH DOSSIER Pimephales promelas |
| EC50 - Crustacea [2]               | 260 µg/l REACH Dossier                        |
| EC50 - Other aquatic organisms [1] | 0.131 mg/l REACH Dossier                      |

### Benzaldehyde (100-52-7)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |
| LC50 - Fish [2] | 12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])             |

### Vanillin (121-33-5)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 53 – 61.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
|-----------------|--|

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| <b>Vanillin (121-33-5)</b>                      |  |
|---|--|
| LC50 - Fish [2]                                 | 88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])                  |
| NOEC (acute)                                    | 10000 mg/kg (Exposure time: 42 Days - Species: Eisenia foetida [soil dry weight])      |
| <b>Ethyl maltol (4940-11-8)</b>                 |  |
| LC50 - Fish [1]                                 | > 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)                         |
| <b>Aldehyde C-14 (104-67-6)</b>                 |  |
| LC50 - Fish [1]                                 | 569 mg/l 96 h  |
| EC50 - Crustacea [1]                            | 5.85 mg/l 48 h   |
| EC50 - Other aquatic organisms [1]              | 5.94 mg/l 72 h   |
| <b>Heliotropine (120-57-0)</b>                  |  |
| LC50 - Fish [1]                                 | 2.5 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static])                     |
| <b>Allyl cyclohexylpropionate (2705-87-5)</b>   |  |
| LC50 - Fish [1]                                 | 0.13 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])          |
| <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>d-Limonene (5989-27-5)</b>                   |  |
| LC50 - Fish [1]                                 | 0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| LC50 - Fish [2]                                 | 35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)                           |
| <b>Eugenol (97-53-0)</b>                        |  |
| LC50 - Fish [1]                                 | 13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])                     |
| <b>12.2. Persistence and degradability</b>      |  |
| <b>Benzyl benzoate (120-51-4)</b>               |  |
| Persistence and degradability                   | May cause long-term adverse effects in the environment.                                |
| <b>12.3. Bioaccumulative potential</b>          |  |
| <b>Benzyl benzoate (120-51-4)</b>               |  |
| Partition coefficient n-octanol/water (Log Pow) | 3.97 (at 25 °C)  |
| Bioaccumulative potential                       | Not established.   |
| <b>Hexamethylindanopyran (1222-05-5)</b>        |  |
| BCF - Fish [1]                                  | (1618 dimensionless (whole body w.w.))   |
| Partition coefficient n-octanol/water (Log Pow) | 5.3 (at 25 °C (at pH 7))   |
| <b>Benzaldehyde (100-52-7)</b>                  |  |
| BCF - Fish [1]                                  | (no significant bioaccumulation)   |
| Partition coefficient n-octanol/water (Log Pow) | 1.4 (at 25 °C)   |
| <b>Vanillin (121-33-5)</b>                      |  |
| Partition coefficient n-octanol/water (Log Pow) | 1.23 (at 22 °C)  |

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|   |                             |
|---|-----------------------------|
| <b>Ethyl maltol (4940-11-8)</b>                             |                             |
| Partition coefficient n-octanol/water (Log Pow)             | 2.9 (at 25 °C)              |
| <b>Aldehyde C-14 (104-67-6)</b>                             |                             |
| Partition coefficient n-octanol/water (Log Pow)             | 3.6 (at 25 °C)              |
| <b>Heliotropine (120-57-0)</b>                              |                             |
| Partition coefficient n-octanol/water (Log Pow)             | 1.2 (at 35 °C)              |
| <b>Benzyl acetate (140-11-4)</b>                            |                             |
| Partition coefficient n-octanol/water (Log Pow)             | 1.96 (at 25 °C (at pH 7))   |
| <b>beta-Caryophyllene (87-44-5)</b>                         |                             |
| Partition coefficient n-octanol/water (Log Pow)             | 6.23 (at 25 °C (at pH 7))   |
| <b>Allyl cyclohexylpropionate (2705-87-5)</b>               |                             |
| Partition coefficient n-octanol/water (Log Pow)             | 4.28 (at 20 °C (at pH 5.3)) |
| <b>cis-3-Hexenyl salicylate (65405-77-8)</b>                |                             |
| Partition coefficient n-octanol/water (Log Pow)             | 4.8 (at 25 °C (at pH 7))    |
| <b>.alpha.-Pinene (80-56-8)</b>                             |                             |
| Partition coefficient n-octanol/water (Log Pow)             | 4.1                         |
| <b>d-Limonene (5989-27-5)</b>                               |                             |
| Partition coefficient n-octanol/water (Log Pow)             | 4.38 (at 37 °C (at pH 7.2)) |
| <b>Eugenol (97-53-0)</b>                                    |                             |
| Partition coefficient n-octanol/water (Log Pow)             | 1.83 (at 30 °C (at pH 5.5)) |
| <b>Dimethylbenzyl carbinyl butyrate(DMBCB) (10094-34-5)</b> |                             |
| Partition coefficient n-octanol/water (Log Pow)             | 4.7 (at 25 °C)              |

### 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

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

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HP Code

- : HP3 - "Flammable:"
- 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;
  - 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;
  - flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
  - flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
  - water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
  - other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
- HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.
- 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. (HEXAMETHYLINDANOPYRAN)                      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPYRAN)                                   | Environmentally hazardous substance, liquid, n.o.s. (HEXAMETHYLINDANOPYRAN)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPYRAN)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPYRAN)                 |
| <b>Transport document description</b>  |   |   |   |   |
| UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPYRAN), 9, III, (-) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPYRAN), 9, III, MARINE POLLUTANT | UN 3082 Environmentally hazardous substance, liquid, n.o.s. (HEXAMETHYLINDANOPYRAN), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPYRAN), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPYRAN), 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   |
| <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  |



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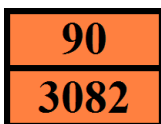
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ADR                                    | IMDG | IATA | ADN | RID |
|--|------|------|-----|-----|
| 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)  | : 5L                      |
| 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                 |
| Special provisions (ADN)  | : 274, 335, 375, 601 |
| Limited quantities (ADN)  | : 5 L                |
| Excepted quantities (ADN) | : E1                 |
| Carriage permitted (ADN)  | : T                  |
| Equipment required (ADN)  | : PP                 |

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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)                                   | .beta.-Pinene ; .alpha.-Pinene ; d-Limonene ; Lemon oil   | 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          |
| 3(b)                                   | RED CHERRY VANILLA #EU21045F ; Benzyl benzoate ; Benzaldehyde ; Hexyl cinnamic aldehyde ; Allyl cyclohexylpropionate ; d-Limonene ; Eugenol ; Dimethylbenzyl carbonyl butyrate(DMBCB) ; Lemon oil | 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 |

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| EU restriction list (REACH Annex XVII) |  |  |
|--|--|--|
| Reference code                         | Applicable on  | Entry title or description   |
| 3(c)                                   | RED CHERRY VANILLA #EU21045F ; Benzyl benzoate ; Hexamethylindanopyran ; Aldehyde C-14 ; Hexyl cinnamic aldehyde ; Benzyl acetate ; Allyl cyclohexylpropionate ; cis-3-Hexenyl salicylate ; d-Limonene ; Dimethylbenzyl carbonyl butyrate(DMBCB) ; Lemon oil | 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.                                    | .beta.-Pinene ; .alpha.-Pinene ; d-Limonene ; Lemon oil  | 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)

### Drug Precursors Regulation (273/2004)

Contains 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)

| Name      | CN designation | CAS-No.  | CN code    | Category   | Threshold | Annex   |
|-----------|----------------|----------|------------|------------|-----------|---------|
| Piperonal |                | 120-57-0 | 2932 93 00 | Category 1 |           | Annex I |

### 15.1.2. National regulations

#### France

| Occupational diseases |   |
|-----------------------|---|
| Code                  | Description   |
| RG 84                 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamide; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

#### Germany

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).

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List of sensitizing substances (TRGS 907) : Contains sensitizing substances according TRGS 907.  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

### Netherlands

ABM category : A(1) - highly toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment  
SZW-lijst van kankerverwekkende stoffen : cis-3-Hexenyl salicylate, Lemon oil are listed  
SZW-lijst van mutagene stoffen : cis-3-Hexenyl salicylate, Lemon oil 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

Classification remarks : 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

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

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

|                       |   |
|-----------------------|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4                               |
| 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 |
| Asp. Tox. 1           | Aspiration hazard, 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.                     |
| H312                  | Harmful in contact with skin.                                     |
| H315                  | Causes skin irritation.   |
| H317                  | May cause an allergic skin reaction.                              |
| H319                  | Causes serious eye irritation.                                    |
| 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                             |

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

|               |                                 |
|---------------|---------------------------------|
| 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.