

# DOVE SOAP TYPE #EU54507F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 8/15/2023 Revision date: 5/11/2026 Supersedes version of: 7/23/2025 Version: 1.1

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

#### 1.1. Product identifier

|                 |                            |
|-----------------|----------------------------|
| Product form    | : Mixture                  |
| Trade name      | : DOVE SOAP TYPE #EU54507F |
| UFI             | : 539U-M91R-V00F-AGAS      |
| Product code    | : EU54507F                 |
| Type of product | : Perfumes, fragrances     |
| Product group   | : Trade product            |

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

##### 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                            |

#### 1.3. 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]

|                                                                   |      |
|-------------------------------------------------------------------|------|
| Acute toxicity (oral), Category 4                                 | H302 |
| Serious eye damage/eye irritation, Category 1                     | H318 |
| 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. Causes serious eye damage. Very toxic to aquatic life. 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)



Signal word (CLP)

: Danger

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|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contains                       | : Benzyl benzoate; Phenylethyl alcohol; Vertenex; Aldehyde C-12; Phenylethyl acetate; Cinnamic alcohol; ACETYL HEXAMETHYL TETRALIN; Amyl salicylate; Geraniol; Nerol; Cyclamal; COUMARIN; UNDECYLENAL; Aldehyde C-12 MNA; Isoeugenol; CUPRESSUS FUNEBRIS WOOD OIL; Heliotropine; Benzyl alcohol; Cinnamic aldehyde                                                                                                               |
| Hazard statements (CLP)        | : H302 - Harmful if swallowed.<br>H317 - May cause an allergic skin reaction.<br>H318 - Causes serious eye damage.<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. |

### 2.3. Other hazards

Contains no PBT and/or 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 substance(s) are 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 %

| Component                                                                                                                                                                                                                                                                                                                               |                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Substance(s) not 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 | Geraniol (106-24-1) |

## SECTION 3: Composition/information on ingredients

### 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  | 18.2 – 36.38 | Acute Tox. 4 (Oral), H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411 |
| Phenylethyl alcohol                                                                | CAS-No.: 60-12-8<br>EC-No.: 200-456-2<br>REACH-no: 01-2119963921-31                                 | 4.8 – 9.6    | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319                               |
| Vertenex                                                                           | CAS-No.: 32210-23-4<br>EC-No.: 250-954-9<br>REACH-no: 01-2119976286-24                              | 3 – 6        | Skin Sens. 1B, H317                                                           |
| 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) | 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 | 3 – 5.9      | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                              |

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| Name                                                                                                      | Product identifier                                                                                 | %           | Classification according to Regulation (EC) No. 1272/2008 [CLP]                             |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------|
| 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                               | 2.9 – 5.8   | Aquatic Chronic 3, H412                                                                     |
| Aldehyde C-12                                                                                             | CAS-No.: 112-54-9<br>EC-No.: 203-983-6                                                             | 2.1 – 4.2   | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                                              |
| Phenylethyl acetate                                                                                       | CAS-No.: 103-45-7<br>EC-No.: 203-113-5<br>REACH-no: 01-2119976340-38                               | 1.7 – 3.3   | Eye Dam. 1, H318                                                                            |
| Cinnamic alcohol                                                                                          | CAS-No.: 104-54-1<br>EC-No.: 203-212-3<br>REACH-no: 01-2119934496-29                               | 0.8 – 1.5   | Acute Tox. 4 (Oral), H302<br>Skin Sens. 1B, H317                                            |
| Dimethylbenzyl carbinyl acetate(DMBCA)                                                                    | CAS-No.: 151-05-3<br>EC-No.: 205-781-3                                                             | 0.8 – 1.5   | Aquatic Chronic 3, H412                                                                     |
| ACETYL HEXAMETHYL TETRALIN                                                                                | CAS-No.: 21145-77-7<br>EC-No.: 244-240-6                                                           | 0.7 – 1.4   | Acute Tox. 4 (Oral), H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410               |
| Amyl salicylate                                                                                           | CAS-No.: 2050-08-0<br>EC-No.: 218-080-2<br>REACH-no: 01-2119969444-27                              | 0.7 – 1.38  | Acute Tox. 4 (Oral), H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410               |
| Cyclamal                                                                                                  | CAS-No.: 103-95-7<br>EC-No.: 203-161-7<br>REACH-no: 01-2119970582-32                               | 0.7 – 1.3   | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Repr. 2, H361<br>Aquatic Chronic 2, H411      |
| Methyl ionone (mixture of isomers)                                                                        | CAS-No.: 1335-46-2<br>EC-No.: 215-635-0                                                            | 0.6 – 1.2   | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319                                                   |
| COUMARIN                                                                                                  | CAS-No.: 91-64-5<br>EC-No.: 202-086-7<br>REACH-no: 01-2119943756-26                                | 0.5 – 1     | Acute Tox. 4 (Oral), H302<br>Skin Sens. 1B, H317                                            |
| 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 | 0.35 – 0.91 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317                               |
| UNDECYLENAL                                                                                               | CAS-No.: 112-45-8<br>EC-No.: 203-973-1<br>REACH-no: 01-2119990746-20                               | 0.5 – 0.9   | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412 |
| Anisic aldehyde                                                                                           | CAS-No.: 123-11-5<br>EC-No.: 204-602-6<br>REACH-no: 01-2119977101-43                               | 0.4 – 0.88  | Repr. 2, H361<br>Aquatic Chronic 3, H412                                                    |
| Nerol                                                                                                     | CAS-No.: 106-25-2<br>EC-No.: 203-378-7                                                             | 0.21 – 0.65 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317                             |

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| Name                                                                                                          | Product identifier                                                                                              | %             | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aldehyde C-12 MNA                                                                                             | CAS-No.: 110-41-8<br>EC-No.: 203-765-0                                                                          | 0.3 – 0.6     | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412                                                                                                      |
| isoeugenol                                                                                                    | CAS-No.: 97-54-1<br>EC-No.: 202-590-7<br>EC Index-No.: 604-094-00-X;<br>202-590-1<br>REACH-no: 17-2119417630-49 | 0.3 – 0.6     | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1A, H317<br>Carc. 2, H351<br>STOT SE 3, H335 |
| Methyl benzoate                                                                                               | CAS-No.: 93-58-3<br>EC-No.: 202-259-7                                                                           | 0.3 – 0.58    | Acute Tox. 4 (Oral), H302<br>Repr. 2, H361d                                                                                                                                                         |
| CUPRESSUS FUNEBRIS WOOD OIL                                                                                   | CAS-No.: 85085-29-6<br>EC-No.: 285-360-9                                                                        | 0.2 – 0.42    | Skin Corr. 1, H314<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411                                                                                                            |
| Heliotropine                                                                                                  | CAS-No.: 120-57-0<br>EC-No.: 204-409-7<br>REACH-no: 01-2119983608-21                                            | 0.2 – 0.4     | Skin Sens. 1B, H317<br>Repr. 2, H361                                                                                                                                                                |
| benzyl alcohol<br>substance with national workplace exposure limit(s)<br>(BG, CZ, DE, FI, LT, LV, PL, SI, CH) | CAS-No.: 100-51-6<br>EC-No.: 202-859-9<br>EC Index-No.: 603-057-00-5<br>REACH-no: 01-2119492630-38              | 0.2 – 0.3     | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317                                                                                                        |
| Rose oxide                                                                                                    | CAS-No.: 16409-43-1<br>EC-No.: 240-457-5                                                                        | 0.1 – 0.16    | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Repr. 2, H361                                                                                                                                          |
| Ethyl benzoate<br>substance with national workplace exposure limit(s)<br>(RO)                                 | CAS-No.: 93-89-0<br>EC-No.: 202-284-3                                                                           | 0.1 – 0.1     | Not classified                                                                                                                                                                                      |
| Cinnamic aldehyde                                                                                             | CAS-No.: 104-55-2<br>EC-No.: 203-213-9<br>EC Index-No.: 606-155-00-6<br>REACH-no: 01-2119935242-45              | 0 – 0.04      | Acute Tox. 4 (Dermal), H312<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411                                                 |
| citral<br>substance with national workplace exposure limit(s)<br>(BE, ES, IE, PL, PT)                         | CAS-No.: 5392-40-5<br>EC-No.: 226-394-6<br>EC Index-No.: 605-019-00-3<br>REACH-no: 01-2119462829-23             | 0.007 – 0.039 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317                                                                                                                                     |
| Alcohol C-9<br>substance with national workplace exposure limit(s)<br>(LT, LV, RO)                            | CAS-No.: 143-08-8<br>EC-No.: 205-583-7                                                                          | 0 – 0.02      | Eye Irrit. 2, H319<br>Aquatic Chronic 2, H411                                                                                                                                                       |

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| Specific concentration limits: |                                                                                                                 |                                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Name                           | Product identifier                                                                                              | Specific concentration limits (%)                                                                       |
| isoeugenol                     | CAS-No.: 97-54-1<br>EC-No.: 202-590-7<br>EC Index-No.: 604-094-00-X;<br>202-590-1<br>REACH-no: 17-2119417630-49 | (0.01 ≤ C ≤ 100) Skin Sens. 1A; H317                                                                    |
| Cinnamic aldehyde              | CAS-No.: 104-55-2<br>EC-No.: 203-213-9<br>EC Index-No.: 606-155-00-6<br>REACH-no: 01-2119935242-45              | (0.001 < C < 0.01) EUH208<br>(0.01 ≤ C < 0.1) Skin Sens. 1; H317<br>(0.1 ≤ C < 100) Skin Sens. 1A; H317 |

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). 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. 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 with plenty of water/.... Get medical advice/attention. Wash contaminated clothing before reuse. 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. Call a physician immediately.                                                                                                                                                                                                                                                                                             |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER/doctor if you feel unwell. 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 | : May cause an allergic skin reaction.                                                     |
| Symptoms/effects after eye contact  | : Serious damage to eyes.                                                                  |

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

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### 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.

## SECTION 6: Accidental release measures

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

#### 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.

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

#### Germany

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

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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

### Switzerland

Storage class (LK)

: LK 10/12 - Liquids

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure and biological limit values

| Benzyl acetate (140-11-4)                |                                             |
|------------------------------------------|---------------------------------------------|
| Belgium - Occupational Exposure Limits   |                                             |
| OEL TWA                                  | 62 mg/m <sup>3</sup>                        |
|                                          | 10 ppm                                      |
| Denmark - Occupational Exposure Limits   |                                             |
| OEL TWA                                  | 61 mg/m <sup>3</sup>                        |
|                                          | 10 ppm                                      |
| OEL STEL                                 | 122 mg/m <sup>3</sup>                       |
|                                          | 20 ppm                                      |
| Ireland - Occupational Exposure Limits   |                                             |
| OEL TWA                                  | 10 ppm                                      |
| OEL STEL                                 | 30 ppm (calculated)                         |
| Latvia - Occupational Exposure Limits    |                                             |
| OEL TWA                                  | 5 mg/m <sup>3</sup>                         |
| Lithuania - Occupational Exposure Limits |                                             |
| IPRV (OEL TWA)                           | 5 mg/m <sup>3</sup>                         |
| Portugal - Occupational Exposure Limits  |                                             |
| OEL TWA                                  | 10 ppm                                      |
| OEL chemical category                    | A4 - Not Classifiable as a Human Carcinogen |
| Romania - Occupational Exposure Limits   |                                             |
| OEL TWA                                  | 50 mg/m <sup>3</sup>                        |
|                                          | 8 ppm                                       |
| OEL STEL                                 | 80 mg/m <sup>3</sup>                        |
|                                          | 13 ppm                                      |

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|                                                          |                                                                                                                                                 |
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| <b>Benzyl acetate (140-11-4)</b>                         |                                                                                                                                                 |
| <b>Spain - Occupational Exposure Limits</b>              |                                                                                                                                                 |
| VLA-ED (OEL TWA)                                         | 62 mg/m <sup>3</sup>                                                                                                                            |
|                                                          | 10 ppm                                                                                                                                          |
| <b>USA - ACGIH - Occupational Exposure Limits</b>        |                                                                                                                                                 |
| ACGIH® TLV® TWA                                          | 10 ppm                                                                                                                                          |
| ACGIH® chemical category                                 | Not Classifiable as a Human Carcinogen                                                                                                          |
| <b>citral (5392-40-5)</b>                                |                                                                                                                                                 |
| <b>Belgium - Occupational Exposure Limits</b>            |                                                                                                                                                 |
| OEL TWA                                                  | 32 mg/m <sup>3</sup> (aerosol and vapor)                                                                                                        |
|                                                          | 5 ppm (aerosol and vapor)                                                                                                                       |
| OEL chemical category                                    | Skin                                                                                                                                            |
| <b>Ireland - Occupational Exposure Limits</b>            |                                                                                                                                                 |
| OEL TWA                                                  | 5 ppm                                                                                                                                           |
| OEL STEL                                                 | 15 ppm (calculated)                                                                                                                             |
| <b>Poland - Occupational Exposure Limits</b>             |                                                                                                                                                 |
| NDS (OEL TWA)                                            | 27 mg/m <sup>3</sup>                                                                                                                            |
| NDSch (OEL STEL)                                         | 54 mg/m <sup>3</sup>                                                                                                                            |
| <b>Portugal - Occupational Exposure Limits</b>           |                                                                                                                                                 |
| OEL TWA                                                  | 5 ppm (inhalable fraction; vapor)                                                                                                               |
| OEL chemical category                                    | Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen, skin - potential for cutaneous exposure                                         |
| <b>Spain - Occupational Exposure Limits</b>              |                                                                                                                                                 |
| VLA-ED (OEL TWA)                                         | 5 ppm (inhalable fraction and vapor)                                                                                                            |
| OEL chemical category                                    | Sensitizer, skin - potential for cutaneous absorption                                                                                           |
| <b>USA - ACGIH - Occupational Exposure Limits</b>        |                                                                                                                                                 |
| ACGIH® TLV® TWA                                          | 5 ppm (inhalable fraction and vapor)                                                                                                            |
| ACGIH® chemical category                                 | Not Classifiable as a Human Carcinogen, Skin - potential significant contribution to overall exposure by the cutaneous route, dermal sensitizer |
| <b>benzyl alcohol (100-51-6)</b>                         |                                                                                                                                                 |
| <b>Bulgaria - Occupational Exposure Limits</b>           |                                                                                                                                                 |
| OEL TWA                                                  | 5 mg/m <sup>3</sup>                                                                                                                             |
| <b>Czech Republic - Occupational Exposure Limits</b>     |                                                                                                                                                 |
| PEL (OEL TWA)                                            | 40 mg/m <sup>3</sup>                                                                                                                            |
| <b>Finland - Occupational Exposure Limits</b>            |                                                                                                                                                 |
| HTP (OEL TWA)                                            | 45 mg/m <sup>3</sup>                                                                                                                            |
|                                                          | 10 ppm                                                                                                                                          |
| <b>Germany - Occupational Exposure Limits (TRGS 900)</b> |                                                                                                                                                 |
| AGW (OEL TWA)                                            | 22 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)                           |

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|                                                   |                                                                                                        |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>benzyl alcohol (100-51-6)</b>                  |                                                                                                        |
|                                                   | 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                                                                                          |
| <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>                                                                                    |
| OEL chemical category                             | Skin notation                                                                                          |
| <b>Poland - Occupational Exposure Limits</b>      |                                                                                                        |
| NDS (OEL TWA)                                     | 240 mg/m <sup>3</sup>                                                                                  |
| <b>Slovenia - Occupational Exposure Limits</b>    |                                                                                                        |
| OEL TWA                                           | 22 mg/m <sup>3</sup>                                                                                   |
|                                                   | 5 ppm                                                                                                  |
| OEL STEL                                          | 44 mg/m <sup>3</sup>                                                                                   |
|                                                   | 10 ppm                                                                                                 |
| OEL chemical category                             | Potential for cutaneous absorption                                                                     |
| <b>Switzerland - Occupational Exposure Limits</b> |                                                                                                        |
| MAK (OEL TWA)                                     | 22 mg/m <sup>3</sup> (aerosol, vapour)                                                                 |
|                                                   | 5 ppm (aerosol, vapour)                                                                                |
| OEL chemical category                             | Skin notation                                                                                          |
| <b>Ethyl benzoate (93-89-0)</b>                   |                                                                                                        |
| <b>Romania - Occupational Exposure Limits</b>     |                                                                                                        |
| OEL TWA                                           | 200 mg/m <sup>3</sup>                                                                                  |
|                                                   | 33 ppm                                                                                                 |
| OEL STEL                                          | 300 mg/m <sup>3</sup>                                                                                  |
|                                                   | 49 ppm                                                                                                 |
| <b>Alcohol C-9 (143-08-8)</b>                     |                                                                                                        |
| <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                                           | 150 mg/m <sup>3</sup>                                                                                  |
|                                                   | 25 ppm                                                                                                 |
| OEL STEL                                          | 250 mg/m <sup>3</sup>                                                                                  |
|                                                   | 42 ppm                                                                                                 |

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### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

##### Personal protective equipment:

Avoid all unnecessary exposure.

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



#### Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses. Safety glasses

#### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Wear protective gloves.

#### Respiratory protection

##### Respiratory protection:

Wear appropriate mask

#### Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

##### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

|                                                 |                                       |
|-------------------------------------------------|---------------------------------------|
| Physical state                                  | : Liquid                              |
| Colour                                          | : light yellow. amber.                |
| Odour                                           | : characteristic.                     |
| Odour threshold                                 | : Not available                       |
| Melting point                                   | : Not applicable                      |
| Freezing point                                  | : Not available                       |
| Boiling point                                   | : Not available                       |
| Flammability                                    | : Not applicable                      |
| Lower explosion limit                           | : Not available                       |
| Upper explosion limit                           | : Not available                       |
| Flash point                                     | : > 93.3 °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                                 | : 0.00253606 mm Hg (calculated value) |
| Vapour pressure at 50°C                         | : Not available                       |
| Density                                         | : Not available                       |
| Relative density                                | : Not available                       |
| Relative vapour density at 20°C                 | : Not available                       |

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Particle characteristics : Not applicable

### 9.2. Other information

#### Other safety characteristics

VOC content : 10.965 % (calculated value)(CARB VOC) (%w/w)

## 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.

## 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

| DOVE SOAP TYPE #EU54507F      |                                 |
|-------------------------------|---------------------------------|
| ATE CLP (oral)                | 1124.321 mg/kg bodyweight       |
| benzyl benzoate (120-51-4)    |                                 |
| LD50 oral rat                 | > 2000 mg/kg (Source: ECHA_API) |
| LD50 oral                     | 1160 mg/kg                      |
| LD50 dermal rabbit            | 4000 mg/kg (Source: NLM_CIP)    |
| Phenylethyl alcohol (60-12-8) |                                 |
| LD50 oral rat                 | 1609 mg/kg (Source: EPA_HPVS)   |
| LD50 oral                     | 1610 mg/kg                      |
| LD50 dermal rabbit            | 2535 mg/kg (Source: EPA_HPVS)   |
| LC50 Inhalation - Rat         | > 4.63 mg/l/4h                  |
| Vertenex (32210-23-4)         |                                 |
| LD50 oral rat                 | 5 g/kg (Source: NLM_CIP)        |
| LD50 oral                     | 3370 mg/kg                      |
| LD50 dermal rabbit            | > 5000 mg/kg (Source: CHEMVIEW) |

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|                                                                                                       |                                  |
|-------------------------------------------------------------------------------------------------------|----------------------------------|
| <b>1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)</b> |                                  |
| LD50 oral rat                                                                                         | > 3250 mg/kg (Source: CHEMVIEW)  |
| LD50 dermal rabbit                                                                                    | > 3250 mg/kg (Source: CHEMVIEW)  |
| LC50 Inhalation - Rat                                                                                 | > 5.04 mg/l/4h                   |
| <b>Benzyl acetate (140-11-4)</b>                                                                      |                                  |
| LD50 oral rat                                                                                         | 2490 mg/kg (Source: JAPAN_GHS)   |
| LD50 oral                                                                                             | 2490 mg/kg                       |
| LD50 dermal rabbit                                                                                    | > 5000 mg/kg (Source: JAPAN_GHS) |
| <b>Aldehyde C-12 (112-54-9)</b>                                                                       |                                  |
| LD50 oral rat                                                                                         | 23 g/kg (Source: NLM_CIP)        |
| LD50 dermal rabbit                                                                                    | > 2000 mg/kg (Source: ECHA_API)  |
| <b>Phenylethyl acetate (103-45-7)</b>                                                                 |                                  |
| LD50 oral rat                                                                                         | 3670 mg/kg (Source: NLM_CIP)     |
| LD50 oral                                                                                             | 2500 mg/kg bodyweight            |
| LD50 dermal rabbit                                                                                    | 6210 mg/kg (Source: ECHA_API)    |
| <b>Cinnamic alcohol (104-54-1)</b>                                                                    |                                  |
| LD50 oral                                                                                             | 2000 mg/kg                       |
| LD50 dermal rabbit                                                                                    | > 5000 mg/kg (Source: ECHA_API)  |
| <b>Dimethylbenzyl carbiny acetate(DMBCA) (151-05-3)</b>                                               |                                  |
| LD50 oral rat                                                                                         | 3300 mg/kg (Source: NLM_CIP)     |
| LD50 oral                                                                                             | 3300 mg/kg                       |
| <b>ACETYL HEXAMETHYL TETRALIN (21145-77-7)</b>                                                        |                                  |
| LD50 oral rat                                                                                         | 570 mg/kg (Source: NLM_CIP)      |
| LD50 oral                                                                                             | 1000 mg/kg                       |
| LD50 dermal rabbit                                                                                    | > 5 g/kg (Source: NLM_HSDB)      |
| <b>Amyl salicylate (2050-08-0)</b>                                                                    |                                  |
| LD50 oral rat                                                                                         | 4100 mg/kg (Source: NZ_CCID)     |
| LD50 oral                                                                                             | 2000 mg/kg                       |
| LD50 dermal rabbit                                                                                    | > 5000 mg/kg (Source: CHEMVIEW)  |
| <b>Geraniol (106-24-1)</b>                                                                            |                                  |
| LD50 oral rat                                                                                         | 3600 mg/kg (Source: NLM_CIP)     |
| LD50 oral                                                                                             | 3600 mg/kg                       |
| LD50 dermal rabbit                                                                                    | > 5 g/kg (Source: NLM_CIP)       |
| <b>Nerol (106-25-2)</b>                                                                               |                                  |
| LD50 oral rat                                                                                         | 4500 mg/kg (Source: NLM_CIP)     |
| LD50 oral                                                                                             | 4500 mg/kg                       |
| LD50 dermal rabbit                                                                                    | > 5 g/kg (Source: NLM_CIP)       |

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|                                                       |                                                   |
|-------------------------------------------------------|---------------------------------------------------|
| <b>citral (5392-40-5)</b>                             |                                                   |
| LD50 oral rat                                         | 4960 mg/kg (Source: NLM_CIP)                      |
| LD50 dermal rabbit                                    | 2250 mg/kg (Source: NLM_CIP)                      |
| <b>Cyclamal (103-95-7)</b>                            |                                                   |
| LD50 oral rat                                         | 3810 mg/kg (Source: NLM_CIP)                      |
| LD50 oral                                             | 3810 mg/kg                                        |
| LD50 dermal rat                                       | > 5000 mg/kg (Source: ECHA_API)                   |
| <b>Methyl ionone (mixture of isomers) (1335-46-2)</b> |                                                   |
| LD50 oral rat                                         | > 5000 mg/kg                                      |
| LD50 dermal rabbit                                    | > 5000 mg/kg (Source: CHEMVIEW)                   |
| <b>COUMARIN (91-64-5)</b>                             |                                                   |
| LD50 oral rat                                         | > 5000 mg/kg (Source: JAPAN_GHS)                  |
| LD50 dermal rat                                       | 293 mg/kg (Source: ECHA_API)                      |
| <b>UNDECYLENAL (112-45-8)</b>                         |                                                   |
| LD50 oral rat                                         | > 5 g/kg (Source: ECHA)                           |
| LD50 dermal rabbit                                    | > 5000 mg/kg (Source: ECHA_API)                   |
| <b>Anisic aldehyde (123-11-5)</b>                     |                                                   |
| LD50 oral rat                                         | 3210 mg/kg (Source: ECHA)                         |
| LD50 oral                                             | 3210 mg/kg                                        |
| LD50 dermal rabbit                                    | > 5000 mg/kg (Source: EPA_HPVS)                   |
| LC50 Inhalation - Rat                                 | > 0.32 mg/l (Exposure time: 7 h Source: ECHA)     |
| <b>Aldehyde C-12 MNA (110-41-8)</b>                   |                                                   |
| LD50 oral rat                                         | > 5 g/kg (Source: NLM_CIP)                        |
| LD50 dermal rabbit                                    | > 10 ml/kg (Source: ECHA_API)                     |
| <b>isoeugenol (97-54-1)</b>                           |                                                   |
| LD50 oral rat                                         | 1560 mg/kg (Source: NLM_CIP)                      |
| LD50 oral                                             | 542 mg/kg                                         |
| LD50 dermal                                           | 1912 mg/kg                                        |
| <b>Methyl benzoate (93-58-3)</b>                      |                                                   |
| LD50 oral rat                                         | 1177 mg/kg (Source: NLM_CIP)                      |
| LD50 oral                                             | 1350 mg/kg                                        |
| LD50 dermal rabbit                                    | > 2000 mg/kg (Source: EPA_HPVS)                   |
| LC50 Inhalation - Rat                                 | > 5.57 mg/l (Exposure time: 8 h Source: CHEMVIEW) |
| <b>Heliotropine (120-57-0)</b>                        |                                                   |
| LD50 oral rat                                         | 2700 mg/kg (Source: NLM_CIP)                      |
| LD50 oral                                             | 2700 mg/kg                                        |
| LD50 dermal rat                                       | > 5000 mg/kg (Source: ECHA_API)                   |

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|                                     |                                        |
|-------------------------------------|----------------------------------------|
| <b>benzyl alcohol (100-51-6)</b>    |                                        |
| LD50 oral rat                       | 1230 mg/kg (Source: NLM_CIP)           |
| LD50 oral                           | 1570 mg/kg                             |
| <b>Rose oxide (16409-43-1)</b>      |                                        |
| LD50 oral rat                       | 4300 mg/kg (Source: NLM_CIP)           |
| LD50 oral                           | 4300 mg/kg                             |
| <b>Ethyl benzoate (93-89-0)</b>     |                                        |
| LD50 oral rat                       | 2100 mg/kg (Source: NLM_CIP)           |
| LD50 oral                           | 2100 mg/kg                             |
| <b>Cinnamic aldehyde (104-55-2)</b> |                                        |
| LD50 oral rat                       | 2220 mg/kg (Source: NLM_CIP)           |
| LD50 oral                           | 2220 mg/kg                             |
| LD50 dermal rabbit                  | 1260 mg/kg (Source: EPA_HP)            |
| LD50 dermal                         | 1260 mg/kg                             |
| <b>Alcohol C-9 (143-08-8)</b>       |                                        |
| LD50 oral rat                       | 3560 mg/kg (Source: NZ_CCID)           |
| LD50 dermal rabbit                  | 2960 mg/kg (Source: NZ_CCID)           |
| Skin corrosion/irritation           | : Not classified                       |
| Serious eye damage/irritation       | : Causes serious eye damage.           |
| Respiratory or skin sensitisation   | : May cause an allergic skin reaction. |
| Germ cell mutagenicity              | : Not classified                       |
| Carcinogenicity                     | : Not classified                       |
| <b>Benzyl acetate (140-11-4)</b>    |                                        |
| IARC group                          | 3 - Not classifiable                   |
| <b>COUMARIN (91-64-5)</b>           |                                        |
| IARC group                          | 3 - Not classifiable                   |
| <b>isoeugenol (97-54-1)</b>         |                                        |
| IARC group                          | 2B - Possibly carcinogenic to humans   |
| Reproductive toxicity               | : Not classified                       |
| STOT-single exposure                | : Not classified                       |
| <b>isoeugenol (97-54-1)</b>         |                                        |
| STOT-single exposure                | May cause respiratory irritation.      |
| STOT-repeated exposure              | : Not classified                       |
| Aspiration hazard                   | : Not classified                       |
| <b>benzyl benzoate (120-51-4)</b>   |                                        |
| Viscosity, kinematic                | 7.456 mm <sup>2</sup> /s               |
| <b>Heliotropine (120-57-0)</b>      |                                        |
| Viscosity, kinematic                | Not applicable                         |

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### 11.2. Information on other hazards

#### Other information

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

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.  
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] Source: ECHA) |
| NOEC (chronic)  | 0.168 mg/l                                                                        |

#### 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)                |

#### Vertenex (32210-23-4)

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

#### 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (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                      |

#### Geraniol (106-24-1)

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

#### Nerol (106-25-2)

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

#### citral (5392-40-5)

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| EC50 - Crustacea [1] | 7 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| EC50 72h - Algae [1] | 16 mg/l (Species: Desmodesmus subspicatus)            |
| EC50 96h - Algae [1] | 19 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] Source: ECHA) |
|-----------------|-----------------------------------------------------------------------------|

#### Aldehyde C-12 MNA (110-41-8)

|                 |                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------|
| LC50 - Fish [1] | 0.35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA) |
|-----------------|-------------------------------------------------------------------------------------------|

#### Methyl benzoate (93-58-3)

|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| LC50 - Fish [1] | 23 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA) |
|-----------------|---------------------------------------------------------------------------------|

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|                                                                                                       |                                                                                                  |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Heliotropine (120-57-0)</b>                                                                        |                                                                                                  |
| LC50 - Fish [1]                                                                                       | 2.5 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static] Source: ECHA)                  |
| <b>benzyl alcohol (100-51-6)</b>                                                                      |                                                                                                  |
| LC50 - Fish [1]                                                                                       | 460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)               |
| LC50 - Fish [2]                                                                                       | 10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)                |
| EC50 - Crustacea [1]                                                                                  | 23 mg/l (Exposure time: 48 h - Species: water flea)                                              |
| <b>Ethyl benzoate (93-89-0)</b>                                                                       |                                                                                                  |
| LC50 - Fish [1]                                                                                       | 6.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)         |
| <b>Alcohol C-9 (143-08-8)</b>                                                                         |                                                                                                  |
| LC50 - Fish [1]                                                                                       | 5.41 – 5.63 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) |
| <b>12.2. Persistence and degradability</b>                                                            |                                                                                                  |
| <b>DOVE SOAP TYPE #EU54507F</b>                                                                       |                                                                                                  |
| Persistence and degradability                                                                         | Not established.                                                                                 |
| <b>benzyl benzoate (120-51-4)</b>                                                                     |                                                                                                  |
| Persistence and degradability                                                                         | May cause long-term adverse effects in the environment.                                          |
| <b>Phenylethyl alcohol (60-12-8)</b>                                                                  |                                                                                                  |
| Persistence and degradability                                                                         | Rapidly degradable                                                                               |
| <b>Vertenex (32210-23-4)</b>                                                                          |                                                                                                  |
| Persistence and degradability                                                                         | Rapidly degradable                                                                               |
| <b>1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCb) (1222-05-5)</b> |                                                                                                  |
| Persistence and degradability                                                                         | Rapidly degradable                                                                               |
| <b>Benzyl acetate (140-11-4)</b>                                                                      |                                                                                                  |
| Persistence and degradability                                                                         | Rapidly degradable                                                                               |
| <b>Aldehyde C-12 (112-54-9)</b>                                                                       |                                                                                                  |
| Persistence and degradability                                                                         | Rapidly degradable                                                                               |
| <b>Phenylethyl acetate (103-45-7)</b>                                                                 |                                                                                                  |
| Persistence and degradability                                                                         | Rapidly degradable                                                                               |
| <b>Cinnamic alcohol (104-54-1)</b>                                                                    |                                                                                                  |
| Persistence and degradability                                                                         | Rapidly degradable                                                                               |
| <b>Dimethylbenzyl carbonyl acetate(DMBCA) (151-05-3)</b>                                              |                                                                                                  |
| Persistence and degradability                                                                         | Rapidly degradable                                                                               |
| <b>ACETYL HEXAMETHYL TETRALIN (21145-77-7)</b>                                                        |                                                                                                  |
| Persistence and degradability                                                                         | Rapidly degradable                                                                               |
| <b>Amyl salicylate (2050-08-0)</b>                                                                    |                                                                                                  |
| Persistence and degradability                                                                         | Rapidly degradable                                                                               |

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|                                                       |                    |
|-------------------------------------------------------|--------------------|
| <b>Geraniol (106-24-1)</b>                            |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>Nerol (106-25-2)</b>                               |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>citral (5392-40-5)</b>                             |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>Cyclamal (103-95-7)</b>                            |                    |
| Persistence and degradability                         | Not established.   |
| <b>Methyl ionone (mixture of isomers) (1335-46-2)</b> |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>COUMARIN (91-64-5)</b>                             |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>UNDECYLENAL (112-45-8)</b>                         |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>Anisic aldehyde (123-11-5)</b>                     |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>Aldehyde C-12 MNA (110-41-8)</b>                   |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>isoeugenol (97-54-1)</b>                           |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>Methyl benzoate (93-58-3)</b>                      |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>CUPRESSUS FUNEBRIS WOOD OIL (85085-29-6)</b>       |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>Heliotropine (120-57-0)</b>                        |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>benzyl alcohol (100-51-6)</b>                      |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>Rose oxide (16409-43-1)</b>                        |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>Ethyl benzoate (93-89-0)</b>                       |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>Cinnamic aldehyde (104-55-2)</b>                   |                    |
| Persistence and degradability                         | Rapidly degradable |
| <b>Alcohol C-9 (143-08-8)</b>                         |                    |
| Persistence and degradability                         | Rapidly degradable |

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### 12.3. Bioaccumulative potential

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|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

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

|                                                 |                 |
|-------------------------------------------------|-----------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.97 (at 25 °C) |
|-------------------------------------------------|-----------------|

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

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

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.36 (at 20 °C (at pH 7) |
|-------------------------------------------------|--------------------------|

#### Vertenex (32210-23-4)

|                                                 |                |
|-------------------------------------------------|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 4.8 (at 25 °C) |
|-------------------------------------------------|----------------|

#### 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)

|                |                                       |
|----------------|---------------------------------------|
| BCF - Fish [1] | (1618 dimensionless (whole body w.w.) |
|----------------|---------------------------------------|

|                                                 |                         |
|-------------------------------------------------|-------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 5.3 (at 25 °C (at pH 7) |
|-------------------------------------------------|-------------------------|

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

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.96 (at 25 °C (at pH 7) |
|-------------------------------------------------|--------------------------|

#### Aldehyde C-12 (112-54-9)

|                                                 |                |
|-------------------------------------------------|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 4.9 (at 35 °C) |
|-------------------------------------------------|----------------|

#### Phenylethyl acetate (103-45-7)

|                                                 |                |
|-------------------------------------------------|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.4 (at 25 °C) |
|-------------------------------------------------|----------------|

#### Cinnamic alcohol (104-54-1)

|                                                 |                              |
|-------------------------------------------------|------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.636 (at 27 °C (at pH 3.52) |
|-------------------------------------------------|------------------------------|

#### Dimethylbenzyl carbiny acetate(DMBCA) (151-05-3)

|                                                 |                              |
|-------------------------------------------------|------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.64 (at 25 °C (at pH >6-<7) |
|-------------------------------------------------|------------------------------|

#### ACETYL HEXAMETHYL TETRALIN (21145-77-7)

|                                                 |                |
|-------------------------------------------------|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 5.7 (at 24 °C) |
|-------------------------------------------------|----------------|

#### Amyl salicylate (2050-08-0)

|                |                                       |
|----------------|---------------------------------------|
| BCF - Fish [1] | (1170 dimensionless (whole body w.w.) |
|----------------|---------------------------------------|

|                                                 |                |
|-------------------------------------------------|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 4.5 (at 30 °C) |
|-------------------------------------------------|----------------|

#### Geraniol (106-24-1)

|                                                 |                |
|-------------------------------------------------|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.6 (at 25 °C) |
|-------------------------------------------------|----------------|

#### Nerol (106-25-2)

|                                                 |                            |
|-------------------------------------------------|----------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.76 (at 30 °C (at pH 6.5) |
|-------------------------------------------------|----------------------------|

#### citral (5392-40-5)

|                                                 |                 |
|-------------------------------------------------|-----------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.76 (at 25 °C) |
|-------------------------------------------------|-----------------|

#### Cyclamal (103-95-7)

|                                                 |                |
|-------------------------------------------------|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.4 (at 35 °C) |
|-------------------------------------------------|----------------|

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

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|                                                       |                                     |
|-------------------------------------------------------|-------------------------------------|
| <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)    |
| <b>COUMARIN (91-64-5)</b>                             |                                     |
| Partition coefficient n-octanol/water (Log Pow)       | ≥ 1.91 – ≤ 1.51 (at 25 °C (at pH 7) |
| <b>UNDECYLENAL (112-45-8)</b>                         |                                     |
| Partition coefficient n-octanol/water (Log Pow)       | 4.672 (at 25 °C)                    |
| <b>Anisic aldehyde (123-11-5)</b>                     |                                     |
| Partition coefficient n-octanol/water (Log Pow)       | 1.56 (at 25 °C (at pH >7.9-<8.25)   |
| <b>Aldehyde C-12 MNA (110-41-8)</b>                   |                                     |
| Partition coefficient n-octanol/water (Log Pow)       | 4.9 (at 35 °C)                      |
| <b>Methyl benzoate (93-58-3)</b>                      |                                     |
| Partition coefficient n-octanol/water (Log Pow)       | 2.1                                 |
| <b>Heliotropine (120-57-0)</b>                        |                                     |
| Partition coefficient n-octanol/water (Log Pow)       | 1.2 (at 35 °C)                      |
| <b>benzyl alcohol (100-51-6)</b>                      |                                     |
| Partition coefficient n-octanol/water (Log Pow)       | 1.05                                |
| <b>Rose oxide (16409-43-1)</b>                        |                                     |
| Partition coefficient n-octanol/water (Log Pow)       | 3.3 (at 23 °C (at pH 6.5)           |
| <b>Ethyl benzoate (93-89-0)</b>                       |                                     |
| Partition coefficient n-octanol/water (Log Pow)       | 2.59 (at 22.8 °C (at pH 6-7)        |
| <b>Cinnamic aldehyde (104-55-2)</b>                   |                                     |
| Partition coefficient n-octanol/water (Log Pow)       | 2.1065 (at 25 °C)                   |
| <b>Alcohol C-9 (143-08-8)</b>                         |                                     |
| Partition coefficient n-octanol/water (Log Pow)       | 4.1 (at 25 °C (at pH 43989)         |
| <b>12.4. Mobility in soil</b>                         |                                     |
| No additional information available                   |                                     |
| <b>12.5. Results of PBT and vPvB assessment</b>       |                                     |
| No additional information available                   |                                     |
| <b>12.6. Endocrine disrupting properties</b>          |                                     |
| No additional information available                   |                                     |
| <b>12.7. Other adverse effects</b>                    |                                     |
| <b>DOVE SOAP TYPE #EU54507F</b>                       |                                     |
| Other information                                     | Avoid release to the environment.   |
| <b>benzyl benzoate (120-51-4)</b>                     |                                     |
| Other information                                     | Avoid release to the environment.   |

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### Cyclamal (103-95-7)

Other information

Avoid release to the environment.

## 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. Dispose of contents/container in accordance with local/national laws and regulations.                                                                                                      |
| Ecological waste information               | : Avoid release to the environment.                                                                                                                                                                                                                                  |
| HP Code                                    | : HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.<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.<br>(Hexamethylindanopyran)                            | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(Hexamethylindanopyran)                                         | Environmentally hazardous substance, liquid, n.o.s.<br>(Hexamethylindanopyran)                    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(Hexamethylindanopyran)                       | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(Hexamethylindanopyran)                       |
| <b>Transport document description</b>                                                                     |                                                                                                                        |                                                                                                   |                                                                                                      |                                                                                                      |
| UN 3082<br>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(Hexamethylindanopyran),<br>9, III, (-) | UN 3082<br>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(Hexamethylindanopyran),<br>9, III, MARINE POLLUTANT | UN 3082 Environmentally hazardous substance, liquid, n.o.s.<br>(Hexamethylindanopyran),<br>9, III | UN 3082<br>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(Hexamethylindanopyran),<br>9, III | UN 3082<br>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(Hexamethylindanopyran),<br>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<br>EmS-No. (Fire): F-A<br>EmS-No. (Spillage): S-F          | Dangerous for the environment: Yes                                                                | Dangerous for the environment: Yes                                                                   | Dangerous for the environment: Yes                                                                   |

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| 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, 650 |
| 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, 375, 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          |
| 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, 650 |
| Limited quantities (ADN)          | : 5 L                     |
| Excepted quantities (ADN)         | : E1                      |
| Carriage permitted (ADN)          | : T                       |
| Equipment required (ADN)          | : PP                      |
| Number of blue cones/lights (ADN) | : 0                       |

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### Rail transport

|                                                                         |                           |
|-------------------------------------------------------------------------|---------------------------|
| Classification code (RID)                                               | : M6                      |
| Special provisions (RID)                                                | : 274, 335, 375, 601, 650 |
| 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

#### EU-Regulations

#### REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference code                         | Applicable on                                                                                                                                                                                                                                                                                                                                                                                    | Entry title or description                                                                                                                                                                                                                                                                                        |
| 3(b)                                   | DOVE SOAP TYPE #EU54507F ; Benzyl benzoate ; Phenylethyl alcohol ; Vertenex ; Aldehyde C-12 ; Phenylethyl acetate ; Amyl salicylate ; Geraniol ; Nerol ; Citral ; Cyclamal ; Methyl ionone (mixture of isomers) ; UNDECYLENAL ; Anisic aldehyde ; Aldehyde C-12 MNA ; Isoeugenol ; Methyl benzoate ; CUPRESSUS FUNEBRIS WOOD OIL ; Benzyl alcohol ; Rose oxide ; Cinnamic aldehyde ; Alcohol C-9 | 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)                                   | DOVE SOAP TYPE #EU54507F ; Benzyl benzoate ; Hexamethylindanopyran ; Benzyl acetate ; Aldehyde C-12 ; Dimethylbenzyl carbinyI acetate(DMBCA) ; Amyl salicylate ; Cyclamal ; UNDECYLENAL ; Anisic aldehyde ; Aldehyde C-12 MNA ; CUPRESSUS FUNEBRIS WOOD OIL ; Cinnamic aldehyde ; Alcohol C-9 | 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 |

**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 (2024/590)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

**Council Regulation (EC) for the control of dual-use items**

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

**VOC Directive (2004/42)**

VOC content : 10.965 % (calculated value)(CARB VOC) (%w/w)

**Explosives Precursors Regulation (EU 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 (EC 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, Subcategory | Threshold | Annex   |
|-----------|----------------|----------|------------|-----------------------|-----------|---------|
| Piperonal |                | 120-57-0 | 2932 93 00 | Category 1            |           | Annex I |

**National regulations**

**Germany**

VOC ordinance (ChemVOCFarbV) : VOC content : 10.965 % (calculated value)(CARB VOC) (%w/w)

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

List of sensitizing substances (TRGS 907) : Contains sensitizing substances according TRGS 907.

Major Accidents Ordinance (12. BImSchV) : Is not subject to the Major Accidents Ordinance (12. BImSchV)

**Netherlands**

ABM category : A(1) - highly toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW List of Carcinogenic Substances : CUPRESSUS FUNEBRIS WOOD OIL is listed

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SZW List of Mutagenic Substances : CUPRESSUS FUNEBRIS WOOD OIL is listed  
SZW List of Reprotoxic Substances – Breastfeeding : None of the components are listed  
SZW List of Reprotoxic Substances – Fertility : None of the components are listed  
SZW List of Reprotoxic Substances – Development : 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 it.  
If an employee is pregnant or breastfeeding and the person in question uses or is exposed to this product at work, the employer must always carry out a risk assessment of the work. The assessment must both deal with the dangerousness of the impact and its strength and duration. The employer's decision that a pregnant or lactating woman can perform a specific work task must therefore be made in the context of her specific working conditions. See also WEA-Guideline A.1.8-7 on the working environment of pregnant and breastfeeding workers.

### Poland

Polish National Regulations : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).  
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).  
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).  
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).  
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).  
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).  
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)  
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).  
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).  
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)  
Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as amended)

### 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. 4 (Dermal)     | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral), Category 4   |

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| Full text of H- and EUH-statements: |                                                                                                                          |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                            |
| Carc. 2                             | Carcinogenicity, Category 2                                                                                              |
| EUH208                              | Contains {0 message≤name of sensitising substance> fieldvalue=_SENSITIZER_COMPONENTS}. May produce an allergic reaction. |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                                                                            |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                                                                            |
| Repr. 2                             | Reproductive toxicity, Category 2                                                                                        |
| Skin Corr. 1                        | Skin corrosion/irritation, Category 1                                                                                    |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                                                                                    |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                                                                           |
| Skin Sens. 1A                       | Skin sensitisation, category 1A                                                                                          |
| Skin Sens. 1B                       | Skin sensitisation, category 1B                                                                                          |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation                               |
| H302                                | Harmful if swallowed.                                                                                                    |
| H304                                | May be fatal if swallowed and enters airways.                                                                            |
| H312                                | Harmful in contact with skin.                                                                                            |
| H314                                | Causes severe skin burns and eye damage.                                                                                 |
| H315                                | Causes skin irritation.                                                                                                  |
| H317                                | May cause an allergic skin reaction.                                                                                     |
| H318                                | Causes serious eye damage.                                                                                               |
| H319                                | Causes serious eye irritation.                                                                                           |
| H332                                | Harmful if inhaled.                                                                                                      |
| H335                                | May cause respiratory irritation.                                                                                        |
| H351                                | Suspected of causing cancer.                                                                                             |
| H361                                | Suspected of damaging fertility or the unborn child.                                                                     |
| H361d                               | Suspected of damaging 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.                                                                       |

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.