

SUGARED MAGNOLIA

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 1/8/2024 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Trade name : SUGARED MAGNOLIA :
UFI AX07-M2N1-V00F-EUHY :
Product code : Perfumes, fragrances
Type of product : Trade product
Product group

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

1.2.1. Relevant identified uses

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

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

LK FAMILY KFT
HUNGARY, 9400, SOPRON, SELMECI UTCA 23
info@candlemarket.eu

1.4. Emergency telephone number

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin sensitisation, Category 1 H317
Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412

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

Adverse physicochemical, human health and environmental effects

Harmful to aquatic life with long lasting effects. May cause an allergic skin reaction.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

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| | |
|--------------------------------|--|
| Contains | : Hydroxy; Amyl cinnamic aldehyde; Geranyl acetate; Iso E Super; Cyclamal; Benzyl salicylate; Grapefruit oil; COUMARIN; Eugenol; Floralozone; Petitgrain oil; Geranium oil Egyptian ; Cinnamic aldehyde |
| Hazard statements (CLP) | : H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P321 - Specific treatment (see supplemental first aid instruction on this label). |
| Extra phrases | : For professional users only. |

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 is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|-------------------|--|
| tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) | CAS-No.: 63500-71-0 EC-No.: 405-040-6 EC Index-No.: 603-101-00-3 REACH-no: 01-000015458-64 | 0.45 – 1.7 | Eye Irrit. 2, H319 |
| Amyl cinnamic aldehyde | CAS-No.: 122-40-7 EC-No.: 204-541-5 | 0.8 – 1.5 | Skin Sens. 1B, H317 Aquatic Chronic 2, H411 |
| Hydroxy | CAS-No.: 107-75-5 EC-No.: 203-518-7 REACH-no: 01-2119973482-31 | 0.71548 – 1.32322 | Eye Irrit. 2, H319 Skin Sens. 1B, H317 |
| Geranyl acetate | CAS-No.: 105-87-3 EC-No.: 203-341-5 REACH-no: 01-2119973480-35 | 0.6 – 1.2 | Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412 |
| Diethyl malonate | CAS-No.: 105-53-3 EC-No.: 203-305-9 REACH-no: 01-2119886972-18 | 0.6 – 1.15 | Eye Irrit. 2, H319 |
| Iso E Super | CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989-04 | 0.5 – 1 | Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|-------------------|--|
| Benzyl acetate substance with national workplace exposure limit(s) (BE, DK, ES, IE, LT, LV, PT, RO) | CAS-No.: 140-11-4 EC-No.: 205-399-7 REACH-no: 01-2119638272-42 | 0.4 – 0.85 | Aquatic Chronic 3, H412 |
| 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 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227-29 | 0.4 – 0.775 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Benzyl salicylate | CAS-No.: 118-58-1 EC-No.: 204-262-9 EC Index-No.: 607-754-00-5 REACH-no: 01-2119969442-31 | 0.2 – 0.4 | Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412 |
| Eugenol | CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802-33 | 0.225 – 0.4 | Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317 |
| Floralozone | CAS-No.: 67634-15-5 EC-No.: 266-819-2 REACH-no: 01-2120758796-34 | 0.1 – 0.25 | Aquatic Acute 1, H400 Aquatic Chronic 2, H411 Skin Irrit. 2, H315 Skin Sens. 1B, H317 |
| Carbitol substance with national workplace exposure limit(s) (AT, DE, EE, SE, SI, CH) | CAS-No.: 111-90-0 EC-No.: 203-919-7 REACH-no: 01-2119475105-42 | 0.14466 – 0.21699 | Not classified |
| Grapefruit oil | CAS-No.: 8016-20-4 EC-No.: 600-007-4 | 0.1 – 0.2 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| Cyclamal | CAS-No.: 103-95-7 EC-No.: 203-161-7 REACH-no: 01-2119970582-32 | 0.1002 – 0.153 | Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411 |
| COUMARIN | CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756-26 | 0.10001 – 0.15001 | Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| Petitgrain oil | CAS-No.: 8014-17-3 EC-No.: 277-143-2, 616-946-8 REACH-no: 01-2120748358-44 | 0.1 – 0.1 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| Geranium oil Egyptian | CAS-No.: 8000-46-2 EC-No.: 290-140-0 REACH-no: 01-2120769423-50 | 0.1 – 0.1 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|-------------------|---|
| Cinnamic aldehyde | CAS-No.: 104-55-2 EC-No.: 203-213-9 REACH-no: 01-2119935242-45 | 0.005 – 0.0125 | Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317 Aquatic Chronic 3, H412 |
| (R)-p-mentha-1,8-diene; d-limonene substance with national workplace exposure limit(s) (DE, ES, FI, SI, NO, CH) | CAS-No.: 5989-27-5 EC-No.: 205-341-0 EC Index-No.: 601-096-00-2 REACH-no: 01-2119493353-35 | < 0.001 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 |
| .alpha.-Pinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO) | CAS-No.: 80-56-8 EC-No.: 201-291-9 | < 0.001 | Flam. Liq. 3, H226 |
| .beta.-Pinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO) | CAS-No.: 127-91-3 EC-No.: 204-872-5 | < 0.001 | Flam. Liq. 3, H226 |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

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

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

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

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5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

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

6.1.2. For emergency responders

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

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

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid breathing fume, gas, mist, spray, vapours. Avoid contact with skin and eyes. 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.

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. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

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.

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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| Benzyl acetate (140-11-4) | |
|---|---|
| Belgium - Occupational Exposure Limits | |
| OEL TWA | 62 mg/m ³ |
| | 10 ppm |
| Denmark - Occupational Exposure Limits | |
| OEL TWA | 61 mg/m ³ |
| | 10 ppm |
| OEL STEL | 122 mg/m ³ |
| | 20 ppm |
| Ireland - Occupational Exposure Limits | |
| OEL TWA | 10 ppm |
| OEL STEL | 30 ppm (calculated) |
| Latvia - Occupational Exposure Limits | |
| OEL TWA | 5 mg/m ³ |
| Lithuania - Occupational Exposure Limits | |
| IPRV (OEL TWA) | 5 mg/m ³ |
| 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 ³ |
| | 8 ppm |
| OEL STEL | 80 mg/m ³ |
| | 13 ppm |
| Spain - Occupational Exposure Limits | |
| VLA-ED (OEL TWA) | 62 mg/m ³ |
| | 10 ppm |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH OEL TWA | 10 ppm |
| ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| Carbitol (111-90-0) | |
| Austria - Occupational Exposure Limits | |
| MAK (OEL TWA) | 35 mg/m ³ |

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| Carbitol (111-90-0) | |
|--|---|
| | 6 ppm |
| MAK (OEL STEL) | 140 mg/m ³ |
| | 24 ppm |
| Estonia - Occupational Exposure Limits | |
| OEL TWA | 50.1 mg/m ³ |
| | 10 ppm |
| OEL chemical category | Skin notation |
| Germany - Occupational Exposure Limits (TRGS 900) | |
| AGW (OEL TWA) | 35 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| | 6 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| Slovenia - Occupational Exposure Limits | |
| OEL TWA | 35 mg/m ³ |
| | 6 ppm |
| OEL STEL | 70 mg/m ³ |
| | 12 ppm |
| Sweden - Occupational Exposure Limits | |
| NGV (OEL TWA) | 80 mg/m ³ |
| | 15 ppm |
| KGV (OEL STEL) | 170 mg/m ³ |
| | 30 ppm |
| OEL chemical category | Skin notation |
| Switzerland - Occupational Exposure Limits | |
| MAK (OEL TWA) | 50 mg/m ³ (aerosol, inhalable dust, vapour) |
| KZGW (OEL STEL) | 100 mg/m ³ (aerosol, inhalable dust, vapour) |
| (R)-p-mentha-1,8-diene; d-limonene (5989-27-5) | |
| Finland - Occupational Exposure Limits | |
| HTP (OEL TWA) | 140 mg/m ³ |
| | 25 ppm |
| HTP (OEL STEL) | 280 mg/m ³ |
| | 50 ppm |
| Germany - Occupational Exposure Limits (TRGS 900) | |
| AGW (OEL TWA) | 28 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| | 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| Chemical category | Skin notation, Skin sensitization |
| Slovenia - Occupational Exposure Limits | |
| OEL TWA | 28 mg/m ³ |

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| (R)-p-mentha-1,8-diene; d-limonene (5989-27-5) | |
|---|---|
| | 5 ppm |
| OEL STEL | 112 mg/m ³ |
| | 20 ppm |
| OEL chemical category | Potential for cutaneous absorption |
| Spain - Occupational Exposure Limits | |
| VLA-ED (OEL TWA) | 168 mg/m ³ |
| | 30 ppm |
| OEL chemical category | Sensitizer, skin - potential for cutaneous absorption |
| Norway - Occupational Exposure Limits | |
| Grenseverdi (OEL TWA) | 140 mg/m ³ |
| | 25 ppm |
| Korttidsverdi (OEL STEL) | 175 mg/m ³ (value calculated) |
| | 37.5 ppm (value calculated) |
| OEL chemical category | Allergenic substance |
| Switzerland - Occupational Exposure Limits | |
| MAK (OEL TWA) | 40 mg/m ³ |
| | 7 ppm |
| KZGW (OEL STEL) | 80 mg/m ³ |
| | 14 ppm |
| OEL chemical category | Sensitizer |
| .alpha.-Pinene (80-56-8) | |
| Belgium - Occupational Exposure Limits | |
| OEL TWA | 20 ppm |
| Estonia - Occupational Exposure Limits | |
| OEL TWA | 150 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) |
| | 25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) |
| OEL STEL | 300 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) |
| | 50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) |
| Lithuania - Occupational Exposure Limits | |
| IPRV (OEL TWA) | 150 mg/m ³ |
| | 25 ppm |
| TPRV (OEL STEL) | 300 mg/m ³ |
| | 50 ppm |
| Portugal - Occupational Exposure Limits | |
| OEL TWA | 20 ppm (Turpentine and selected Monoterpenes) |
| OEL chemical category | Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen |

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| .alpha.-Pinene (80-56-8) | |
|---|---|
| Spain - Occupational Exposure Limits | |
| VLA-ED (OEL TWA) | 113 mg/m ³ 20 ppm |
| OEL chemical category | Sensitizer |
| Sweden - Occupational Exposure Limits | |
| NGV (OEL TWA) | 150 mg/m ³ 25 ppm |
| KGV (OEL STEL) | 300 mg/m ³ 50 ppm |
| OEL chemical category | Sensitizer |
| Norway - Occupational Exposure Limits | |
| Grenseverdi (OEL TWA) | 140 mg/m ³ 25 ppm |
| Korttidsverdi (OEL STEL) | 175 mg/m ³ (value calculated) 37.5 ppm (value calculated) |
| OEL chemical category | Skin notation |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH OEL TWA | 20 ppm (Turpentine and selected Monoterpenes) |
| ACGIH chemical category | Not Classifiable as a Human Carcinogen, dermal sensitizer |
| .beta.-Pinene (127-91-3) | |
| Belgium - Occupational Exposure Limits | |
| OEL TWA | 20 ppm |
| Estonia - Occupational Exposure Limits | |
| OEL TWA | 150 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) |
| OEL STEL | 300 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) 50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect) |
| Lithuania - Occupational Exposure Limits | |
| IPRV (OEL TWA) | 150 mg/m ³ 25 ppm |
| TPRV (OEL STEL) | 300 mg/m ³ 50 ppm |
| Portugal - Occupational Exposure Limits | |
| OEL TWA | 20 ppm (Turpentine and selected Monoterpenes) |
| OEL chemical category | Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen |

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| .beta.-Pinene (127-91-3) | |
|---|---|
| Spain - Occupational Exposure Limits | |
| VLA-ED (OEL TWA) | 113 mg/m ³ |
| | 20 ppm |
| OEL chemical category | Sensitizer |
| Sweden - Occupational Exposure Limits | |
| NGV (OEL TWA) | 150 mg/m ³ |
| | 25 ppm |
| KGV (OEL STEL) | 300 mg/m ³ |
| | 50 ppm |
| OEL chemical category | Sensitizer |
| Norway - Occupational Exposure Limits | |
| Grenseverdi (OEL TWA) | 140 mg/m ³ |
| | 25 ppm |
| Korttidsverdi (OEL STEL) | 175 mg/m ³ (value calculated) |
| | 37.5 ppm (value calculated) |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH OEL TWA | 20 ppm (Turpentine and selected Monoterpenes) |
| ACGIH chemical category | Not Classifiable as a Human Carcinogen, dermal sensitizer |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

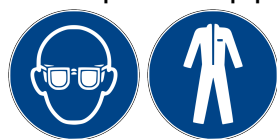
Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses. Chemical goggles or safety glasses

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8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | : Liquid |
| Colour | : light yellow. amber. Conforms to standard. |
| Odour | : Floral. Sweet. characteristic. |
| Odour threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Non flammable,Not applicable |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : > 93 °C |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| pH | : Not available |
| Viscosity, kinematic | : Not available |
| Solubility | : Not available |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Density | : Not available |
| Relative density | : ≈ 0.95 |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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

Hydroxy (107-75-5)

| | |
|--------------------|---------------------------------|
| LD50 oral rat | > 5 g/kg (Source: NLM_CIP) |
| LD50 dermal rabbit | > 2000 mg/kg (Source: ECHA_API) |

Amyl cinnamic aldehyde (122-40-7)

| | |
|--------------------|---------------------------------|
| LD50 oral rat | 3730 mg/kg (Source: CHEMVIEW) |
| LD50 dermal rabbit | > 2000 mg/kg (Source: CHEMVIEW) |

Geranyl acetate (105-87-3)

| | |
|---------------|------------------------------|
| LD50 oral rat | 6330 mg/kg (Source: NLM_CIP) |
|---------------|------------------------------|

tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0)

| | |
|--------------------|---------------------------------|
| LD50 dermal rabbit | > 2000 mg/kg (Source: ECHA_API) |
|--------------------|---------------------------------|

Benzyl acetate (140-11-4)

| | |
|--------------------|----------------------------------|
| LD50 oral rat | 2490 mg/kg (Source: JAPAN_GHS) |
| LD50 oral | 2490 mg/kg bodyweight |
| LD50 dermal rabbit | > 5000 mg/kg (Source: JAPAN_GHS) |

Diethyl malonate (105-53-3)

| | |
|--------------------|----------------------------------|
| LD50 oral rat | 14900 µl/kg (Source: NLM_CIP) |
| LD50 dermal rabbit | > 16960 mg/kg (Source: ECHA_API) |

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

| | |
|--------------------|---------------------------------|
| LD50 oral rat | > 3250 mg/kg (Source: CHEMVIEW) |
| LD50 dermal rabbit | > 3250 mg/kg (Source: CHEMVIEW) |

Cyclamal (103-95-7)

| | |
|---------------|------------------------------|
| LD50 oral rat | 3810 mg/kg (Source: NLM_CIP) |
|---------------|------------------------------|

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| Cyclamal (103-95-7) | |
|---|---|
| LD50 oral | 3810 mg/kg bodyweight |
| LD50 dermal rat | > 5000 mg/kg (Source: ECHA_API) |
| Benzyl salicylate (118-58-1) | |
| LD50 oral rat | 2227 mg/kg (Source: NLM_CIP) |
| LD50 oral | 2200 mg/kg bodyweight |
| LD50 dermal rabbit | > 5000 mg/kg (Source: CHEMVIEW) |
| Grapefruit oil (8016-20-4) | |
| LD50 oral rat | > 5 g/kg (Source: NLM_CIP) |
| COUMARIN (91-64-5) | |
| LD50 oral rat | > 5000 mg/kg (Source: JAPAN_GHS) |
| LD50 oral | 290 mg/kg bodyweight |
| LD50 dermal rat | 293 mg/kg (Source: ECHA_API) |
| Eugenol (97-53-0) | |
| LD50 oral rat | 1930 mg/kg (Source: NZ_CCID) |
| LD50 oral | 2500 mg/kg bodyweight |
| Carbitol (111-90-0) | |
| LD50 oral rat | 10502 mg/kg (Source: OECD_SIDS) |
| LD50 dermal rabbit | 9143 mg/kg (Source: OECD_SIDS) |
| LC50 Inhalation - Rat | > 5240 mg/m ³ (Exposure time: 4 h Source: NLM_CIP) |
| Petitgrain oil (8014-17-3) | |
| LD50 oral rat | > 5 g/kg (Source: NLM_CIP) |
| LD50 oral | 4029 mg/kg bodyweight |
| Geranium oil Egyptian (8000-46-2) | |
| LD50 oral | 4811 mg/kg bodyweight |
| LD50 dermal | 2500 mg/kg bodyweight |
| Cinnamic aldehyde (104-55-2) | |
| LD50 oral rat | 2220 mg/kg (Source: NLM_CIP) |
| LD50 oral | 2200 mg/kg bodyweight |
| LD50 dermal rabbit | 1260 mg/kg (Source: EPA_HP) |
| LD50 dermal | 1100 mg/kg bodyweight |
| (R)-p-mentha-1,8-diene; d-limonene (5989-27-5) | |
| LD50 oral rat | 4400 mg/kg (Source: CHEMVIEW) |
| LD50 dermal rabbit | > 5 g/kg (Source: CHEMVIEW) |
| .alpha.-Pinene (80-56-8) | |
| LD50 oral rat | 3700 mg/kg (Source: NLM_CIP) |
| LD50 oral | 500 mg/kg bodyweight |
| LD50 dermal rat | > 5000 mg/kg (Source: CHEMVIEW) |

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| .beta.-Pinene (127-91-3) | |
|---|--|
| LD50 oral rat | > 5000 mg/kg (Source: EPA_HP) |
| LD50 dermal rabbit | > 5000 mg/kg (Source: CHEMVIEW) |
| Skin corrosion/irritation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Serious eye damage/irritation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Benzyl acetate (140-11-4) | |
| IARC group | 3 - Not classifiable |
| COUMARIN (91-64-5) | |
| IARC group | 3 - Not classifiable |
| Eugenol (97-53-0) | |
| IARC group | 3 - Not classifiable |
| (R)-p-mentha-1,8-diene; d-limonene (5989-27-5) | |
| IARC group | 3 - Not classifiable |
| Reproductive toxicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-single exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-repeated exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Aspiration hazard | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| 11.2. Information on other hazards | |
| 11.2.1. Endocrine disrupting properties | |
| No additional information available | |
| 11.2.2. Other information | |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met |
| SECTION 12: Ecological information | |
| 12.1. Toxicity | |
| Ecology - general | : Harmful to aquatic life with long lasting effects. |
| Ecology - water | : Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects. |
| Diethyl malonate (105-53-3) | |
| LC50 - Fish [1] | 10.3 – 13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) |
| EC50 - Crustacea [1] | 202.3 mg/l (Exposure time: 48 h - Species: Daphnia magna) |

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| Diethyl malonate (105-53-3) | |
|---|--|
| EC50 72h - Algae [1] | 508.2 mg/l (Species: Desmodesmus subspicatus) |
| 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 |
| Benzyl salicylate (118-58-1) | |
| LC50 - Fish [1] | 1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA) |
| Eugenol (97-53-0) | |
| LC50 - Fish [1] | 13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA) |
| Carbitol (111-90-0) | |
| LC50 - Fish [1] | 10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA) |
| LC50 - Fish [2] | 19100 – 23900 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through] Source: EPA) |
| EC50 - Crustacea [1] | 3940 – 4670 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| (R)-p-mentha-1,8-diene; d-limonene (5989-27-5) | |
| LC50 - Fish [1] | 0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) |
| LC50 - Fish [2] | 35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA) |
| .alpha.-Pinene (80-56-8) | |
| LC50 - Fish [1] | 0.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID) |
| EC50 - Crustacea [1] | 41 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| 12.2. Persistence and degradability | |
| SUGARED MAGNOLIA | |
| Persistence and degradability | May cause long-term adverse effects in the environment. Not established. |
| Hydroxy (107-75-5) | |
| Persistence and degradability | Rapidly degradable |
| Amyl cinnamic aldehyde (122-40-7) | |
| Persistence and degradability | Rapidly degradable |
| Geranyl acetate (105-87-3) | |
| Persistence and degradability | Rapidly degradable |
| tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0) | |
| Persistence and degradability | Rapidly degradable |
| Benzyl acetate (140-11-4) | |
| Persistence and degradability | Rapidly degradable |
| Iso E Super (54464-57-2) | |
| Persistence and degradability | Rapidly degradable |

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| | |
|---|---|
| Diethyl malonate (105-53-3) | |
| Persistence and degradability | Rapidly degradable |
| 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCb) (1222-05-5) | |
| Persistence and degradability | Rapidly degradable |
| Cyclamal (103-95-7) | |
| Persistence and degradability | Rapidly degradable |
| Benzyl salicylate (118-58-1) | |
| Persistence and degradability | Rapidly degradable |
| Grapefruit oil (8016-20-4) | |
| Persistence and degradability | Rapidly degradable |
| COUMARIN (91-64-5) | |
| Persistence and degradability | Rapidly degradable |
| Eugenol (97-53-0) | |
| Persistence and degradability | Rapidly degradable |
| Floralozone (67634-15-5) | |
| Persistence and degradability | Rapidly degradable |
| Carbitol (111-90-0) | |
| Persistence and degradability | Rapidly degradable |
| Petitgrain oil (8014-17-3) | |
| Persistence and degradability | Rapidly degradable |
| Geranium oil Egyptian (8000-46-2) | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| Cinnamic aldehyde (104-55-2) | |
| Persistence and degradability | Rapidly degradable |
| (R)-p-mentha-1,8-diene; d-limonene (5989-27-5) | |
| Persistence and degradability | Rapidly degradable |
| .alpha.-Pinene (80-56-8) | |
| Persistence and degradability | Rapidly degradable |
| .beta.-Pinene (127-91-3) | |
| Persistence and degradability | Rapidly degradable |
| 12.3. Bioaccumulative potential | |
| SUGARED MAGNOLIA | |
| Bioaccumulative potential | Not established. |
| Hydroxy (107-75-5) | |
| Partition coefficient n-octanol/water (Log Pow) | 1.68 (at 25 °C) |

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| | |
|---|--|
| Amyl cinnamic aldehyde (122-40-7) | |
| Partition coefficient n-octanol/water (Log Pow) | 2.498 (at 25 °C (at pH 6.2)) |
| Geranyl acetate (105-87-3) | |
| Partition coefficient n-octanol/water (Log Pow) | 4.04 |
| tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0) | |
| Partition coefficient n-octanol/water (Log Pow) | 1.65 (at 23 °C (at pH >6.09-<6.74)) |
| Benzyl acetate (140-11-4) | |
| Partition coefficient n-octanol/water (Log Pow) | 1.96 (at 25 °C (at pH 7)) |
| Diethyl malonate (105-53-3) | |
| Partition coefficient n-octanol/water (Log Pow) | 0.96 |
| 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)) |
| Cyclamal (103-95-7) | |
| Partition coefficient n-octanol/water (Log Pow) | 3.4 (at 35 °C) |
| Benzyl salicylate (118-58-1) | |
| Partition coefficient n-octanol/water (Log Pow) | 4 |
| Eugenol (97-53-0) | |
| Partition coefficient n-octanol/water (Log Pow) | 1.83 (at 30 °C (at pH 5.5)) |
| Carbitol (111-90-0) | |
| Partition coefficient n-octanol/water (Log Pow) | -0.8 |
| Petitgrain oil (8014-17-3) | |
| Partition coefficient n-octanol/water (Log Pow) | 3.38 – 4.88 |
| Geranium oil Egyptian (8000-46-2) | |
| Bioaccumulative potential | Not established. |
| Cinnamic aldehyde (104-55-2) | |
| Partition coefficient n-octanol/water (Log Pow) | 2.1065 (at 25 °C) |
| (R)-p-mentha-1,8-diene; d-limonene (5989-27-5) | |
| Partition coefficient n-octanol/water (Log Pow) | 4.38 (at 37 °C (at pH 7.2)) |
| .alpha.-Pinene (80-56-8) | |
| Partition coefficient n-octanol/water (Log Pow) | 4.1 |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

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12.7. Other adverse effects

Additional 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 information : Avoid release to the environment.
HP Code : HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.
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 |
|---|----------------|----------------|----------------|----------------|
| 14.1. UN number or ID number | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) | | |
|--|--|--|
| Reference code | Applicable on | Entry title or description |
| 3(b) | Cyclamal ; Eugenol ; Diethyl malonate ; Geranium oil Egyptian ; Hydroxy ; Benzyl salicylate ; Amyl cinnamic aldehyde ; Iso E Super ; Geranyl acetate ; (R)-p-mentha-1,8-diene; d-limonene ; Grapefruit oil ; tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |
| 3(c) | Cyclamal ; Geranium oil Egyptian ; Benzyl salicylate ; Amyl cinnamic aldehyde ; Iso E Super ; Geranyl acetate ; 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) ; (R)-p-mentha-1,8-diene; d-limonene ; Grapefruit oil | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1 |
| 3(a) | (R)-p-mentha-1,8-diene; d-limonene ; Grapefruit oil | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F |
| 40. | (R)-p-mentha-1,8-diene; d-limonene ; Grapefruit oil | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |

REACH Annex XIV (Authorisation List)

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

REACH Candidate List (SVHC)

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

PIC Regulation (Prior Informed Consent)

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

POP Regulation (Persistent Organic Pollutants)

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

Ozone Regulation (1005/2009)

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

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Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

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

Drug Precursors Regulation (273/2004)

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

15.1.2. National regulations

Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
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.
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

ABM category : A(3) - hazardous for aquatic organisms, may have longterm hazardous effects in aquatic environment
SZW-lijst van kankerverwekkende stoffen : Floralozone, Petitgrain oil are listed
SZW-lijst van mutagene stoffen : Floralozone, Petitgrain oil are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Other information : None.

| Full text of H- and EUH-statements: | |
|-------------------------------------|---|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3 |
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3 |
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |

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| Full text of H- and EUH-statements: | |
|-------------------------------------|---|
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| H226 | Flammable liquid and vapour. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H311 | Toxic in contact with skin. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| 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. |
| 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 |

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.