

FRANGIPANI SHORES CC-16358 5% in DPG



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

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

1.1. Product identifier

| | |
|-----------------|--|
| Product form | : Mixture |
| Product name | : FRANGIPANI SHORES CC-16358 5% in DPG |
| Product code | : CC-16358_5% |
| Type of product | : Perfumes, Fragrances |
| Product group | : Trade product |

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

1.2.1. Relevant identified uses

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

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Candle Craft
Weiherwiese 10
65510 Idstein - Germany
T 49-6126-9363 -0
info@candlecraft.de - www.candlecraft.de

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]

Hazardous to the aquatic environment – Chronic Hazard H412
Category 3
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.

2.2. Label elements

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

| | |
|--------------------------------|--|
| Signal word (CLP) | : - |
| Hazard statements (CLP) | : H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | : P273 - Avoid release to the environment. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| EUH phrases | : EUH208 - Contains Iso E Super, Linalool, Linalyl acetate, CUPRESSUS FUNEBRIS WOOD OIL. May produce an allergic reaction. |
| Extra phrases | : Restricted to professional users. |

2.3. Other hazards

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

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

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|--------------------|---|
| benzyl benzoate | CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371-33 | 1.425 – 2.8491 | Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |
| Iso E Super | CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989-04 | 0.085 – 0.1675 | Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410 |
| Linalool | CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016-42 | 0.07 – 0.14025 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 |
| Linalyl acetate | CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789-19 | 0.055 – 0.10875 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 |
| CUPRESSUS FUNEBRIS WOOD OIL | CAS-No.: 85085-29-6 EC-No.: 285-360-9 | 0.05 – 0.1 | Skin Irrit. 1, H314 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| (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 | 0.025 – 0.0528 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 |
| citral substance with national workplace exposure limit(s) (BE, ES, IE, PL, PT) | CAS-No.: 5392-40-5 EC-No.: 226-394-6 EC Index-No.: 605-019-00-3 REACH-no: 01-2119462829-23 | 0.01 – 0.01825 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 |
| dipentene, limonene substance with national workplace exposure limit(s) (EE, LT, SE, NO) | CAS-No.: 138-86-3 | 0.005 – 0.0057 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| .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 – 0.0021 | Flam. Liq. 3, H226 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|-------------|---|
| Alcohol C-10 substance with national workplace exposure limit(s) (BG, DE, LT, LV, RO, CH) | CAS-No.: 112-30-1 EC-No.: 203-956-9 | 0 – 0.00007 | Aquatic Chronic 3, H412 |
| Aldehyde C-6 substance with national workplace exposure limit(s) (FI, PL) | CAS-No.: 66-25-1 EC-No.: 200-624-5 | 0 – 0.00002 | 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 | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water. |
| First-aid measures after eye contact | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/doctor/physician 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. |
|------------------|--|

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

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 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

6.1.1. For non-emergency personnel

| | |
|----------------------|--|
| Emergency procedures | : Ventilate spillage area. Evacuate unnecessary personnel. |
|----------------------|--|

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6.1.2. For emergency responders

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

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

- 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 Heading 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. Wear personal protective equipment. 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 vapor.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.
- Storage temperature : 25 °C
- Storage area : Store in a well-ventilated place. Store away from heat.
- Special rules on packaging : Store in a closed container.
- Packaging materials : Do not store in corrodable metal.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| (R)-p-mentha-1,8-diene, d-limonene (5989-27-5) | |
|---|-----------------------|
| Finland - Occupational Exposure Limits | |
| HTP (OEL TWA) [1] | 140 mg/m ³ |
| HTP (OEL TWA) [2] | 25 ppm |
| HTP (OEL STEL) | 280 mg/m ³ |
| HTP (OEL STEL) [ppm] | 50 ppm |

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| (R)-p-mentha-1,8-diene, d-limonene (5989-27-5) | |
|--|---|
| Germany - Occupational Exposure Limits (TRGS 900) | |
| AGW (OEL TWA) [1] | 28 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| AGW (OEL TWA) [2] | 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| Chemical category | skin notation, Skin sensitization |
| Slovenia - Occupational Exposure Limits | |
| OEL TWA | 28 mg/m ³ |
| OEL TWA | 5 ppm |
| OEL STEL | 112 mg/m ³ |
| OEL STEL | 20 ppm |
| OEL chemical category | Potential for cutaneous absorption |
| Spain - Occupational Exposure Limits | |
| VLA-ED (OEL TWA) [1] | 168 mg/m ³ |
| VLA-ED (OEL TWA) [2] | 30 ppm |
| OEL chemical category | Sensitizer, skin - potential for cutaneous absorption |
| Norway - Occupational Exposure Limits | |
| Grenseverdi (OEL TWA) [1] | 140 mg/m ³ |
| Grenseverdi (OEL TWA) [2] | 25 ppm |
| Korttidsverdi (OEL STEL) | 175 mg/m ³ (value calculated) |
| Korttidsverdi (OEL STEL) [ppm] | 37.5 ppm (value calculated) |
| OEL chemical category | Allergenic substance |
| Switzerland - Occupational Exposure Limits | |
| MAK (OEL TWA) [1] | 40 mg/m ³ |
| MAK (OEL TWA) [2] | 7 ppm |
| KZGW (OEL STEL) | 80 mg/m ³ |
| KZGW (OEL STEL) [ppm] | 14 ppm |
| OEL chemical category | Sensitizer |
| citral (5392-40-5) | |
| Belgium - Occupational Exposure Limits | |
| OEL TWA | 32 mg/m ³ (vapor and aerosol) |
| OEL TWA | 5 ppm (vapor and aerosol) |
| OEL chemical category | Skin |
| Ireland - Occupational Exposure Limits | |
| OEL TWA [2] | 5 ppm |
| OEL STEL | 15 ppm (calculated) |
| Poland - Occupational Exposure Limits | |
| NDS (OEL TWA) | 27 mg/m ³ |
| NDSch (OEL STEL) | 54 mg/m ³ |

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| citral (5392-40-5) | |
|---|---|
| Portugal - Occupational Exposure Limits | |
| OEL TWA | 5 ppm (inhalable fraction; vapor) |
| OEL chemical category | Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen, skin - potential for cutaneous exposure |
| Spain - Occupational Exposure Limits | |
| VLA-ED (OEL TWA) [2] | 5 ppm (inhalable fraction and vapor) |
| OEL chemical category | Sensitizer, skin - potential for cutaneous absorption |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH OEL TWA [ppm] | 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 |
| dipentene, limonene (138-86-3) | |
| 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) |
| OEL TWA | 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) |
| OEL STEL | 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 |
| IPRV (OEL TWA) [ppm] | 25 ppm |
| TPRV (OEL STEL) | 300 mg/m ³ |
| TPRV (OEL STEL) [ppm] | 50 ppm |
| OEL chemical category | Sensitizer coniferous resin sensitizes the skin |
| Sweden - Occupational Exposure Limits | |
| NGV (OEL TWA) | 150 mg/m ³ |
| NGV (OEL TWA) [ppm] | 25 ppm |
| KTV (OEL STEL) | 300 mg/m ³ |
| KTV (OEL STEL) [ppm] | 50 ppm |
| OEL chemical category | Sensitizer |
| Norway - Occupational Exposure Limits | |
| Grenseverdi (OEL TWA) [1] | 140 mg/m ³ |
| Grenseverdi (OEL TWA) [2] | 25 ppm |
| Korttidsverdi (OEL STEL) | 175 mg/m ³ (value calculated) |
| Korttidsverdi (OEL STEL) [ppm] | 37.5 ppm (value calculated) |
| OEL chemical category | Allergenic substance |

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| .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) |
| OEL TWA | 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) |
| OEL STEL | 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 |
| IPRV (OEL TWA) [ppm] | 25 ppm |
| TPRV (OEL STEL) | 300 mg/m ³ |
| TPRV (OEL STEL) [ppm] | 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 |
| Spain - Occupational Exposure Limits | |
| VLA-ED (OEL TWA) [1] | 113 mg/m ³ |
| VLA-ED (OEL TWA) [2] | 20 ppm |
| OEL chemical category | Sensitizer |
| Sweden - Occupational Exposure Limits | |
| NGV (OEL TWA) | 150 mg/m ³ |
| NGV (OEL TWA) [ppm] | 25 ppm |
| KTV (OEL STEL) | 300 mg/m ³ |
| KTV (OEL STEL) [ppm] | 50 ppm |
| OEL chemical category | Sensitizer |
| Norway - Occupational Exposure Limits | |
| Grenseverdi (OEL TWA) [1] | 140 mg/m ³ |
| Grenseverdi (OEL TWA) [2] | 25 ppm |
| Korttidsverdi (OEL STEL) | 175 mg/m ³ (value calculated) |
| Korttidsverdi (OEL STEL) [ppm] | 37.5 ppm (value calculated) |
| OEL chemical category | skin notation |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH OEL TWA [ppm] | 20 ppm (Turpentine and selected Monoterpenes) |
| ACGIH chemical category | Not Classifiable as a Human Carcinogen, dermal sensitizer |

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| Alcohol C-10 (112-30-1) | |
|--|---|
| Bulgaria - Occupational Exposure Limits | |
| OEL TWA | 10 mg/m ³ |
| Germany - Occupational Exposure Limits (TRGS 900) | |
| AGW (OEL TWA) [1] | 66 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| AGW (OEL TWA) [2] | 10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| Latvia - Occupational Exposure Limits | |
| OEL TWA | 10 mg/m ³ |
| Lithuania - Occupational Exposure Limits | |
| IPRV (OEL TWA) | 10 mg/m ³ |
| Romania - Occupational Exposure Limits | |
| OEL TWA | 100 mg/m ³ |
| OEL TWA | 15 ppm |
| OEL STEL | 200 mg/m ³ |
| OEL STEL | 30 ppm |
| Switzerland - Occupational Exposure Limits | |
| MAK (OEL TWA) [1] | 66 mg/m ³ (aerosol, vapour) |
| MAK (OEL TWA) [2] | 10 ppm (aerosol, vapour) |
| KZGW (OEL STEL) | 66 mg/m ³ (aerosol, vapour) |
| KZGW (OEL STEL) [ppm] | 10 ppm (aerosol, vapour) |
| Aldehyde C-6 (66-25-1) | |
| Finland - Occupational Exposure Limits | |
| HTP (OEL STEL) | 42 mg/m ³ |
| HTP (OEL STEL) [ppm] | 10 ppm |
| Poland - Occupational Exposure Limits | |
| NDS (OEL TWA) | 40 mg/m ³ |
| NDSch (OEL STEL) | 80 mg/m ³ |

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.

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8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses. Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | : Liquid |
| Color | : Standard. light yellow. amber. Conforms to standard. |
| Odor | : characteristic. |
| Odor threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Non flammable. |
| 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 |
| Vapor pressure | : Not available |
| Vapor pressure at 50°C | : Not available |
| Density | : Not available |
| Relative density | : Not available |
| Relative vapor density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

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9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

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

| benzyl benzoate (120-51-4) | |
|--|-------------------------------|
| LD50 oral rat | 500 mg/kg (Source: NLM_CIP) |
| LD50 oral | 1160 mg/kg body weight |
| LD50 dermal rabbit | 4000 mg/kg (Source: NLM_CIP) |
| Linalool (78-70-6) | |
| LD50 oral | 2790 mg/kg body weight |
| Linalyl acetate (115-95-7) | |
| LD50 oral rat | 14550 mg/kg (Source: EPA_HP) |
| LD50 dermal rabbit | > 5000 mg/kg (Source: EPA_HP) |
| (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) |
| citral (5392-40-5) | |
| LD50 oral rat | 4960 mg/kg (Source: NLM_CIP) |

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| citral (5392-40-5) | |
|---------------------------------------|---------------------------------|
| LD50 dermal rabbit | 2250 mg/kg (Source: NLM_CIP) |
| dipentene, limonene (138-86-3) | |
| LD50 oral rat | 5300 mg/kg (Source: NLM_CIP) |
| .alpha.-Pinene (80-56-8) | |
| LD50 oral rat | 3700 mg/kg (Source: NLM_CIP) |
| LD50 oral | 500 mg/kg body weight |
| LD50 dermal rat | > 5000 mg/kg (Source: CHEMVIEW) |
| Alcohol C-10 (112-30-1) | |
| LD50 oral rat | 4720 mg/kg (Source: NZ_CCID) |
| LD50 dermal rabbit | 3560 mg/kg (Source: NLM_CIP) |
| Aldehyde C-6 (66-25-1) | |
| LD50 oral rat | 4890 mg/kg (Source: NLM_CIP) |
| LD50 dermal rabbit | > 8100 mg/kg (Source: ECHA_API) |

| | |
|-----------------------------------|--|
| 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 sensitization | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| 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 |

| (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 |

| benzyl benzoate (120-51-4) | |
|-----------------------------------|--------------------------|
| Viscosity, kinematic | 7.456 mm ² /s |

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

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SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|--|
| Ecology - general | : 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. |

| | |
|---|--|
| 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 |
| Linalool (78-70-6) | |
| EC50 96h - Algae [1] | 88.3 mg/l (Species: Desmodesmus subspicatus) |
| Linalyl acetate (115-95-7) | |
| LC50 - Fish [1] | 11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) |
| (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) |
| 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) |
| .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) |
| Alcohol C-10 (112-30-1) | |
| LC50 - Fish [1] | 2.2 – 2.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) |
| LC50 - Fish [2] | 4.12 – 6.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA) |
| EC50 - Crustacea [1] | 3 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| Aldehyde C-6 (66-25-1) | |
| LC50 - Fish [1] | 12 – 16.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) |

12.2. Persistence and degradability

| | |
|---|---|
| FRANGIPANI SHORES CC-16358 5% in DPG | |
| Persistence and degradability | Not established. |
| benzyl benzoate (120-51-4) | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |

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

Linalyl acetate (115-95-7)

| | |
|---|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.9 (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)) |
|---|-----------------------------|

citral (5392-40-5)

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

.alpha.-Pinene (80-56-8)

| | |
|---|-----|
| Partition coefficient n-octanol/water (Log Pow) | 4.1 |
|---|-----|

Alcohol C-10 (112-30-1)

| | |
|---|--------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 4.5 (at 25 °C (at pH 6)) |
|---|--------------------------|

Aldehyde C-6 (66-25-1)

| | |
|---|--------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.3 (at 25 °C (at pH 5)) |
|---|--------------------------|

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

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HP code : HP3 - "Flammable:"
– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
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(c) | FRANGIPANI SHORES CC-16358 5% in DPG ; benzyl benzoate ; Iso E Super ; CUPRESSUS FUNEBRIS WOOD OIL ; (R)-p-mentha-1,8-diene, d-limonene ; dipentene, limonene ; Alcohol C-10 | 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(b) | benzyl benzoate ; Iso E Super ; Linalool ; Linalyl acetate ; CUPRESSUS FUNEBRIS WOOD OIL ; (R)-p-mentha-1,8-diene, d-limonene ; citral ; dipentene, limonene | 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(a) | (R)-p-mentha-1,8-diene, d-limonene ; dipentene, limonene ; .alpha.-Pinene ; Aldehyde C-6 | 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 ; dipentene, limonene ; .alpha.-Pinene ; Aldehyde C-6 | 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 REACH Annex XIV substances.

REACH Candidate List (SVHC)

Contains no REACH candidate substance

PIC Regulation (Prior Informed Consent)

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

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15.1.2. National regulations

Germany

Water hazard class (WGK)

: WGK 1, slightly hazardous to water (Classification according to AwSV, Annex 1).

Storage class (LGK, TRGS 510)

: LGK 12 - Non-combustible liquids.

Joint storage table

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

Joint storage not permitted for

: LGK 1, LGK 6.2, LGK 7.

Joint storage with restrictions permitted for

: LGK 4.1A, LGK 4.3, LGK 5.1C.

Joint storage permitted for

: LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13.

Hazardous Incident Ordinance (12. BImSchV)

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

Netherlands

ABM category

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

SZW-lijst van kankerverwekkende stoffen

: CUPRESSUS FUNEBRIS WOOD OIL is listed

SZW-lijst van mutagene stoffen

: CUPRESSUS FUNEBRIS WOOD OIL is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding

: None of the components are listed

SZW-lijst van reprotoxische stoffen –

: None of the components are listed

Vruchtbaarheid

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

: Pregnant/breastfeeding women working with the product must not be in direct contact with the product

Switzerland

Storage class (LK)

: LK 10/12 - Liquids

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information

: None.

Full text of H- and EUH-phrases:

| | |
|---------------------|---|
| 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 |
| EUH208 | Contains Iso E Super, Linalool, Linalyl acetate, CUPRESSUS FUNEBRIS WOOD OIL. May produce an allergic reaction. |

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| Full text of H- and EUH-phrases: | |
|----------------------------------|---|
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 3 | Flammable liquids Category 3 |
| H226 | Flammable liquid and vapor. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| Skin Irrit. 1 | Skin corrosion/irritation Category 1 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| Skin Sens. 1B | Skin sensitization, 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.