

Pinecone Honey CC-16144

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 10/28/2021
Version: 1.0

CandleCraft

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

1.1. Product identifier

Product form : Mixture
Product name : Pinecone Honey
UFI : PX44-M4XH-3007-68RD
Product code : CC-16144
Type of product : Perfumes, fragrances
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
Industrial/Professional use spec : 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]

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

Adverse physicochemical, human health and environmental effects

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

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) : Warning

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| | |
|--------------------------------|---|
| Contains | : Cinnamic aldehyde; 2-Hydroxybenzoic acid, benzyl ester; Iso E Super; Pine Needle Oil 85% Natural ; Eucalyptus oil; Eugenol; Triplal (Vertocitral); acetyl cedrene; Coumarin crystals; Cedar leaf oil; Cinnamalva; beta-Caryophyllene; Orange oil |
| Hazard statements (CLP) | : H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | : P264 - Wash hands, forearms and face thoroughly after handling. 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. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

2.3. Other hazards

Not applicable

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] |
|-------------------------------------|--|----------------|---|
| Iso E Super | CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989-04 | 2.3915 – 4.783 | Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| Cinnamic aldehyde | CAS-No.: 104-55-2 EC-No.: 203-213-9 REACH-no: 01-2119935242-45 | 2.174 – 4.348 | Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412 |
| 2-Hydroxybenzoic acid, benzyl ester | CAS-No.: 118-58-1 EC-No.: 204-262-9 EC Index-No.: 607-754-00-5 REACH-no: 01-2119969442-31 | 1.5215 – 3.043 | Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412 |
| Pine Needle Oil 85% Natural | CAS-No.: 8002-09-3 EC-No.: n.a. | 1.5 – 3 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| Ethyl vanillin crystals | CAS-No.: 121-32-4 EC-No.: 204-464-7 REACH-no: 01-211958961-24 | 0.6955 – 1.391 | Eye Irrit. 2, H319 |
| Anisic aldehyde | CAS-No.: 123-11-5 EC-No.: 204-602-6 REACH-no: 01-2119977101-43 | 0.652 – 1.304 | Aquatic Chronic 3, H412 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-------------------------|--|----------------|--|
| Benzene carboxaldehyde | CAS-No.: 100-52-7 EC-No.: 202-860-4 EC Index-No.: 605-012-00-5 REACH-no: 01-2119455540-44 | 0.5215 – 1.043 | Acute Tox. 4 (Oral), H302 |
| Cedarwood oil, Virginia | CAS-No.: 8000-27-9 EC-No.: 285-370-3;616-769-6 | 0.435 – 0.87 | Asp. Tox. 1, H304 Aquatic Chronic 1, H410 |
| Eucalyptus oil | CAS-No.: 8000-48-4 EC-No.: 283-406-2;286-249-8;616-775-9 REACH-no: 01-2119978250-37 | 0.435 – 0.87 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| Eugenol | CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802-33 | 0.3915 – 0.783 | Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317 |
| Triplal (Vertocitral) | CAS-No.: 68039-49-6 EC-No.: 268-264-1 | 0.3915 – 0.783 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412 |
| acetyl cedrene | CAS-No.: 32388-55-9 EC-No.: 251-020-3 REACH-no: 01-2119969651-28 | 0.348 – 0.696 | Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Coumarin crystals | CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756-26 | 0.348 – 0.696 | Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| Cedar leaf oil | CAS-No.: 8007-20-3 EC-No.: 290-370-1;616-907-5 | 0.326 – 0.652 | Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| Cedarwood oil, Texas | CAS-No.: 68990-83-0 EC-No.: 294-461-7;614-888-8 | 0.261 – 0.522 | Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Benzyl benzoate | CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371-33 | 0.235 – 0.47 | Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |
| beta-Caryophyllene | CAS-No.: 87-44-5 EC-No.: 201-746-1 REACH-no: 01-2120745237-53 | 0.2175 – 0.435 | Asp. Tox. 1, H304 Aquatic Chronic 4, H413 Skin Sens. 1B, H317 |
| Orange oil | CAS-No.: 8008-57-9 EC-No.: 232-433-8; 600-006-9; 616-926-9 REACH-no: 01-2119493353-35 | 0.174 – 0.348 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------|--|-------------------|--|
| Sandela | CAS-No.: 66068-84-6 EC-No.: 266-100-3 | 0.1305 – 0.261 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |
| Cinnamalva | CAS-No.: 1885-38-7 EC-No.: 217-552-5 | 0.1305 – 0.261 | Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Sens. 1B, 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 after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

- Symptoms/effects after skin contact : May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

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

6.1.2. For emergency responders

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

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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. 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. 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.

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

| Benzene carboxaldehyde (100-52-7) | |
|---|------------------------|
| Bulgaria - Occupational Exposure Limits | |
| OEL TWA | 5 mg/m ³ |
| Finland - Occupational Exposure Limits | |
| HTP (OEL TWA) [1] | 4.4 mg/m ³ |
| HTP (OEL TWA) [2] | 1 ppm |
| OEL C | 17.4 mg/m ³ |
| OEL C [ppm] | 4 ppm |
| Hungary - Occupational Exposure Limits | |
| AK (OEL TWA) | 5 mg/m ³ |
| CK (OEL STEL) | 10 mg/m ³ |
| Latvia - Occupational Exposure Limits | |
| OEL TWA | 5 mg/m ³ |
| Lithuania - Occupational Exposure Limits | |
| IPRV (OEL TWA) | 5 mg/m ³ |
| Poland - Occupational Exposure Limits | |
| NDS (OEL TWA) | 10 mg/m ³ |

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Benzene carboxaldehyde (100-52-7)

| | |
|------------------|----------------------|
| NDSCh (OEL STEL) | 40 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.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|------------------------|
| Physical state | : Liquid |
| Colour | : light yellow. amber. |
| Odour | : characteristic. |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : Not applicable |

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| | |
|---|-----------------------------------|
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : > 93 °C (closed cup) ASTM D7094 |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : 0.984 |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

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

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

| Cinnamic aldehyde (104-55-2) | |
|------------------------------|-----------------------|
| LD50 oral rat | 2220 mg/kg |
| LD50 oral | 2200 mg/kg bodyweight |
| LD50 dermal rabbit | 1260 mg/kg |
| LD50 dermal | 1100 mg/kg bodyweight |

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| 2-Hydroxybenzoic acid, benzyl ester (118-58-1) | |
|---|----------------------------------|
| LD50 oral rat | 2227 mg/kg |
| LD50 oral | 2200 mg/kg bodyweight |
| LD50 dermal rabbit | > 5000 mg/kg |
| Pine Needle Oil 85% Natural (8002-09-3) | |
| LD50 oral rat | 3200 mg/kg |
| LD50 oral | 3200 mg/kg bodyweight |
| LD50 dermal rabbit | 400 mg/kg |
| LC50 Inhalation - Rat | > 3.79 mg/l/4h |
| Benzene carboxaldehyde (100-52-7) | |
| LD50 oral rat | 1292 mg/kg |
| LD50 dermal rabbit | > 1250 mg/kg |
| Ethyl vanillin crystals (121-32-4) | |
| LD50 oral rat | 1590 mg/kg |
| LD50 oral | 3000 mg/kg bodyweight |
| LD50 dermal rat | > 2000 mg/kg |
| Anisic aldehyde (123-11-5) | |
| LD50 oral rat | > 2000 mg/kg |
| LD50 oral | 3210 mg/kg bodyweight |
| LD50 dermal rabbit | > 5000 mg/kg |
| LC50 Inhalation - Rat | > 0.32 mg/l (Exposure time: 7 h) |
| Eugenol (97-53-0) | |
| LD50 oral rat | 1930 mg/kg |
| LD50 oral | 2500 mg/kg bodyweight |
| Triplal (Vertocitral) (68039-49-6) | |
| LD50 oral | 3900 mg/kg bodyweight |
| acetyl cedrene (32388-55-9) | |
| LD50 oral | 4500 mg/kg bodyweight |
| LD50 dermal rabbit | > 5000 mg/kg |
| Coumarin crystals (91-64-5) | |
| LD50 oral rat | > 5000 mg/kg |
| LD50 oral | 500 mg/kg bodyweight |
| LD50 dermal rat | 293 mg/kg |
| Sandela (66068-84-6) | |
| LD50 dermal rat | > 2000 mg/kg |
| LC50 Inhalation - Rat | > 5.27 mg/l/4h |
| Cinnamalva (1885-38-7) | |
| LD50 oral | 100 mg/kg bodyweight |

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| Cinnamalva (1885-38-7) | |
|---|--|
| LD50 dermal | 1100 mg/kg bodyweight |
| LC50 Inhalation - Rat (Dust/Mist) | 1.5 mg/l/4h |
| Benzyl benzoate (120-51-4) | |
| LD50 oral rat | 500 mg/kg |
| LD50 oral | 1500 mg/kg bodyweight |
| LD50 dermal rabbit | 4000 mg/kg |
| LD50 dermal | 4000 mg/kg bodyweight |
| Cedarwood oil, Virginia (8000-27-9) | |
| LD50 oral rat | > 5 g/kg |
| Eucalyptus oil (8000-48-4) | |
| LD50 oral rat | 2480 mg/kg |
| Cedar leaf oil (8007-20-3) | |
| LD50 oral rat | 830 mg/kg |
| Orange oil (8008-57-9) | |
| LD50 oral rat | 4400 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Causes serious eye irritation. |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Eugenol (97-53-0) | |
| IARC group | 3 - Not classifiable |
| Coumarin crystals (91-64-5) | |
| IARC group | 3 - Not classifiable |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| SECTION 12: Ecological information | |
| 12.1. Toxicity | |
| Ecology - general | : Toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects. |
| 2-Hydroxybenzoic acid, benzyl ester (118-58-1) | |
| LC50 - Fish [1] | 1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
| Pine Needle Oil 85% Natural (8002-09-3) | |
| EC50 - Crustacea [1] | 17 – 28 mg/l (Exposure time: 48 h - Species: Daphnia magna [Flow through]) |

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| Benzene carboxaldehyde (100-52-7) | |
|---|--|
| LC50 - Fish [1] | 10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |
| LC50 - Fish [2] | 12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| Ethyl vanillin crystals (121-32-4) | |
| LC50 - Fish [1] | 81.4 – 94.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| Eugenol (97-53-0) | |
| LC50 - Fish [1] | 13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
| Benzyl benzoate (120-51-4) | |
| LC50 - Fish [1] | 2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
| NOEC (chronic) | 0.168 mg/l |

12.2. Persistence and degradability

| Benzyl benzoate (120-51-4) | |
|--|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| Eucalyptus oil (8000-48-4) | |
| Persistence and degradability | Not established. |
| Cedarwood oil, Texas (68990-83-0) | |
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| Cinnamic aldehyde (104-55-2) | |
|---|----------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.22 (at 18 °C) |
| Benzene carboxaldehyde (100-52-7) | |
| BCF - Fish [1] | (no significant bioaccumulation) |
| Partition coefficient n-octanol/water (Log Pow) | 1.48 (at 20 °C) |
| Benzyl benzoate (120-51-4) | |
| Partition coefficient n-octanol/water (Log Pow) | 4 |
| Bioaccumulative potential | Not established. |
| Eucalyptus oil (8000-48-4) | |
| Bioaccumulative potential | Not established. |
| Cedarwood oil, Texas (68990-83-0) | |
| Bioaccumulative potential | Not established. |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : UN 3082
UN-No. (IMDG) : UN 3082
UN-No. (IATA) : UN 3082
UN-No. (ADN) : UN 3082
UN-No. (RID) : UN 3082

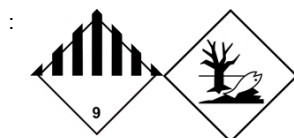
14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.
Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cedarwood oil, virginia), 9, III, (-)
Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cedarwood oil, virginia), 9, III, MARINE POLLUTANT
Transport document description (IATA) : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Cedarwood oil, virginia), 9, III
Transport document description (ADN) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cedarwood oil, virginia), 9, III
Transport document description (RID) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cedarwood oil, virginia), 9, III

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 9
Danger labels (ADR) : 9



IMDG

Transport hazard class(es) (IMDG) : 9
Danger labels (IMDG) : 9



IATA

Transport hazard class(es) (IATA) : 9
Danger labels (IATA) : 9

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ADN

Transport hazard class(es) (ADN) : 9
Danger labels (ADN) : 9



RID

Transport hazard class(es) (RID) : 9
Danger labels (RID) : 9



14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III
Packing group (ADN) : III
Packing group (RID) : III

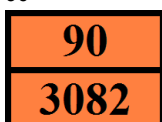
14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

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



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

Transport by sea

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

Air transport

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

Inland waterway transport

Classification code (ADN) : M6
Special provisions (ADN) : 274, 335, 375, 601
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Equipment required (ADN) : PP
Number of blue cones/lights (ADN) : 0

Rail transport

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

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

| EU restriction list (REACH Annex XVII) | |
|--|--|
| Reference code | Applicable on |
| 3(b) | Cinnamic aldehyde ; 2-Hydroxybenzoic acid, benzyl ester ; Iso E Super ; Pine Needle Oil 85% Natural ; Benzene carboxaldehyde |
| 3(c) | Cinnamic aldehyde ; 2-Hydroxybenzoic acid, benzyl ester ; Iso E Super ; Pine Needle Oil 85% Natural ; Anisic aldehyde |

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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.

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

15.1.2. National regulations

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

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)

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

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

Netherlands

SZW-lijst van kankerverwekkende stoffen : Cedarwood oil, Virginia,Eucalyptus oil, Triplal (Vertocitral), Cedarwood oil, Texas , Sandela, Orange oil are listed

SZW-lijst van mutagene stoffen : Cedarwood oil, Virginia,Eucalyptus oil, Triplal (Vertocitral), Sandela, Orange 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

Switzerland

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

| Abbreviations and acronyms | |
|----------------------------|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| CAS-No. | Chemical Abstract Service number |
| N.O.S. | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disrupting properties |

| Full text of H- and EUH-statements | |
|------------------------------------|-------------------------------------|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3 |

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| Full text of H- and EUH-statements | |
|------------------------------------|---|
| 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 (Inhalation) | Acute toxicity (inhal.), 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 |
| Aquatic Chronic 4 | Hazardous to the aquatic environment — Chronic Hazard, Category 4 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1B | Skin sensitisation, category 1B |
| 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. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H332 | Harmful 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. |
| H413 | May cause long lasting harmful effects to aquatic life. |

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.