

# Evening Snow CC-13259

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment  
Regulation (EU) 2015/830 Issue date: 8/13/2020

# CandleCraft

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

### 1.1. Product identifier

Product form : Mixture  
Product name : Evening Snow  
UFI : KU8F-V3QG-M009-J9R4  
Product code : CC-13259  
Type of product : Perfumes, fragrances  
Product group : Finished Good

### 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

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]

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

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) :

Warning

Hazardous ingredients :

Linalool; 2-Hydroxybenzoic acid, benzyl ester; Iso E Super; d-Limonene; Linalyl acetate; Cyclamal; Geraniol; delta-Damascone; Aldehyde C-16; Eucalyptus oil; Citronellol Pure; Geranium oil Egyptian ; Orange oil ; Hexyl cinnamic aldehyde; Eugenol; Triplal (Vertocitral)

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|                                |   |
|--------------------------------|---|
| Hazard statements (CLP)        | : H317 - May cause an allergic skin reaction.<br>H411 - Toxic to aquatic life with long lasting effects.  |
| Precautionary statements (CLP) | : P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P273 - Avoid release to the environment.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of water.<br>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.<br>P362+P364 - Take off contaminated clothing and wash it before reuse. |

### 2.3. Other hazards

No additional information available

## 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]      |
|---|---|--------------|--|
| Hexamethylindanopyran                   | (CAS-No.) 1222-05-5<br>(EC-No.) 214-946-9<br>(EC Index-No.) 603-212-00-7<br>(REACH-no) 01-2119488227-29 | 2.5 – 5      | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                     |
| Linalool                                | (CAS-No.) 78-70-6<br>(EC-No.) 201-134-4<br>(EC Index-No.) 603-235-00-2<br>(REACH-no) 01-2119474016-42   | 1.675 – 3.35 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317     |
| Tetrahydrolinalool                      | (CAS-No.) 78-69-3<br>(EC-No.) 201-133-9   | 1.2 – 2.4    | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319                            |
| Ethylene brassylate                     | (CAS-No.) 105-95-3<br>(EC-No.) 203-347-8<br>(REACH-no) 01-2119967772-24                                 | 1 – 2        | Aquatic Chronic 2, H411  |
| Phenylmethanol                          | (CAS-No.) 100-51-6<br>(EC-No.) 202-859-9<br>(EC Index-No.) 603-057-00-5<br>(REACH-no) 01-2119492630-38  | 0.6 – 1.2    | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Inhalation), H332         |
| Linalyl acetate                         | (CAS-No.) 115-95-7<br>(EC-No.) 204-116-4<br>(REACH-no) 01-2119454789-19                                 | 0.6 – 1.2    | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317      |
| 2-Hydroxybenzoic acid, benzyl ester     | (CAS-No.) 118-58-1<br>(EC-No.) 204-262-9<br>(REACH-no) 01-2119969442-31                                 | 0.5 – 1      | Eye Irrit. 2, H319<br>Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412 |
| Oxyphelylon (Raspberry ketone) crystals | (CAS-No.) 5471-51-2<br>(EC-No.) 226-806-4   | 0.5 – 1      | Acute Tox. 4 (Oral), H302  |
| Iso E Super                             | (CAS-No.) 54464-57-2<br>(EC-No.) 259-174-3<br>(REACH-no) 01-2119489989-04                               | 0.425 – 0.85 | Skin Sens. 1, H317<br>Aquatic Chronic 2, H411                        |

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|-------------------------|---|--------------|--|
| d-Limonene              | (CAS-No.) 5989-27-5<br>(EC-No.) 227-813-5<br>(EC Index-No.) 601-029-00-7<br>(REACH-no) 01-2119493353-35 | 0.425 – 0.85 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| Orange oil              | (CAS-No.) 8008-57-9<br>(EC-No.) 232-433-8<br>(REACH-no) 01-2119493353-35                                | 0.25 – 0.5   | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411                          |
| Geraniol                | (CAS-No.) 106-24-1<br>(EC-No.) 203-377-1<br>(REACH-no) 01-2119552430-49                                 | 0.15 – 0.3   | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317  |
| Aldehyde C-16           | (CAS-No.) 77-83-8<br>(EC-No.) 201-061-8<br>(REACH-no) 01-2119967770-28                                  | 0.125 – 0.25 | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411   |
| Eucalyptus oil          | (CAS-No.) 8000-48-4<br>(EC-No.) 283-406-2;286-249-8;616-775-9<br>(REACH-no) 01-2119978250-37            | 0.125 – 0.25 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411                          |
| Citronellol Pure        | (CAS-No.) 106-22-9<br>(EC-No.) 203-375-0<br>(REACH-no) 01-2119453995-23                                 | 0.125 – 0.25 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317   |
| delta-Damascone         | (CAS-No.) 57378-68-4<br>(EC-No.) 260-709-8  | 0.1 – 0.2    | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 1, H410  |
| Cyclamal                | (CAS-No.) 103-95-7<br>(EC-No.) 203-161-7<br>(REACH-no) 01-2119970582-32                                 | 0.075 – 0.15 | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411  |
| Geranium oil Egyptian   | (CAS-No.) 8000-46-2<br>(EC-No.) 290-140-0<br>(REACH-no) 01-2120769423-50                                | 0.075 – 0.15 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412   |
| Hexyl cinnamic aldehyde | (CAS-No.) 101-86-0<br>(EC-No.) 202-983-3<br>(REACH-no) 01-2119533092-50                                 | 0.075 – 0.15 | Skin Sens. 1, H317<br>Aquatic Chronic 2, H411  |
| Amyl salicylate         | (CAS-No.) 2050-08-0<br>(EC-No.) 218-080-2<br>(REACH-no) 01-2119969444-27                                | 0.05 – 0.1   | Acute Tox. 4 (Oral), H302<br>Aquatic Chronic 1, H410   |
| Eugenol                 | (CAS-No.) 97-53-0<br>(EC-No.) 202-589-1   | 0.05 – 0.1   | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317   |
| Triplal (Vertocitral)   | (CAS-No.) 68039-49-6<br>(EC-No.) 268-264-1  | 0.05 – 0.1   | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412   |

Full text of H-statements: see section 16

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### 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. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Wash 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 or a doctor if you feel unwell.   |

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

|                  |  |
|------------------|--|
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. |
|------------------|--|

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

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

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

##### 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. |
|-------------------------|--|

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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 vapour.

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 away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage temperature : 25 °C

Storage area : Store in a well-ventilated place. Store away from heat.

Special rules on packaging : Store in a closed container.

Packaging materials : Do not store in corrodable metal.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Phenylmethanol (100-51-6)                                |   |
|--|---|
| <b>Bulgaria - Occupational Exposure Limits</b>           |   |
| OEL TWA (mg/m <sup>3</sup> )                             | 5 mg/m <sup>3</sup>   |
| <b>Czech Republic - Occupational Exposure Limits</b>     |   |
| Expoziční limity (PEL) (mg/m <sup>3</sup> )              | 40 mg/m <sup>3</sup>  |
| <b>Finland - Occupational Exposure Limits</b>            |   |
| HTP-arvo (8h) (mg/m <sup>3</sup> )                       | 45 mg/m <sup>3</sup>  |
| HTP-arvo (8h) (ppm)                                      | 10 ppm  |
| <b>Germany - Occupational Exposure Limits (TRGS 900)</b> |   |
| Occupational exposure limit value (mg/m <sup>3</sup> )   | 22 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| Occupational exposure limit value (ppm)                  | 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)                |
| Chemical category  | Skin notation   |
| <b>Latvia - Occupational Exposure Limits</b>             |   |
| OEL TWA (mg/m <sup>3</sup> )                             | 5 mg/m <sup>3</sup>   |
| <b>Lithuania - Occupational Exposure Limits</b>          |   |
| IPRV (mg/m <sup>3</sup> )                                | 5 mg/m <sup>3</sup>   |

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| <b>Phenylmethanol (100-51-6)</b>                         |   |
|--|---|
| OEL chemical category (LT)                               | Skin notation   |
| <b>Poland - Occupational Exposure Limits</b>             |   |
| NDS (mg/m <sup>3</sup> )                                 | 240 mg/m <sup>3</sup>   |
| <b>Slovenia - Occupational Exposure Limits</b>           |   |
| OEL TWA (mg/m <sup>3</sup> )                             | 22 mg/m <sup>3</sup>  |
| OEL TWA (ppm)  | 5 ppm   |
| OEL STEL (mg/m <sup>3</sup> )                            | 44 mg/m <sup>3</sup>  |
| OEL STEL (ppm)   | 10 ppm  |
| OEL chemical category (SI)                               | Potential for cutaneous absorption  |
| <b>Switzerland - Occupational Exposure Limits</b>        |   |
| MAK (mg/m <sup>3</sup> )                                 | 22 mg/m <sup>3</sup> (aerosol, vapour)  |
| MAK (ppm)  | 5 ppm (aerosol, vapour)   |
| OEL chemical category (CH)                               | Skin notation   |
| <b>d-Limonene (5989-27-5)</b>                            |   |
| <b>Finland - Occupational Exposure Limits</b>            |   |
| HTP-arvo (8h) (mg/m <sup>3</sup> )                       | 140 mg/m <sup>3</sup>   |
| HTP-arvo (8h) (ppm)                                      | 25 ppm  |
| HTP-arvo (15 min)  | 280 mg/m <sup>3</sup>   |
| HTP-arvo (15 min) (ppm)                                  | 50 ppm  |
| <b>Germany - Occupational Exposure Limits (TRGS 900)</b> |   |
| Occupational exposure limit value (mg/m <sup>3</sup> )   | 28 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| Occupational exposure limit value (ppm)                  | 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)                |
| Chemical category  | Skin notation, Skin sensitization   |
| <b>Slovenia - Occupational Exposure Limits</b>           |   |
| OEL TWA (mg/m <sup>3</sup> )                             | 28 mg/m <sup>3</sup>  |
| OEL TWA (ppm)  | 5 ppm   |
| OEL STEL (mg/m <sup>3</sup> )                            | 112 mg/m <sup>3</sup>   |
| OEL STEL (ppm)   | 20 ppm  |
| OEL chemical category (SI)                               | Potential for cutaneous absorption  |
| <b>Spain - Occupational Exposure Limits</b>              |   |
| VLA-ED (mg/m <sup>3</sup> )                              | 168 mg/m <sup>3</sup>   |
| VLA-ED (ppm)   | 30 ppm  |
| OEL chemical category (ES)                               | Sensitizer, skin - potential for cutaneous absorption   |
| <b>Norway - Occupational Exposure Limits</b>             |   |
| Grønseverdier (AN) (mg/m <sup>3</sup> )                  | 140 mg/m <sup>3</sup>   |
| Grønseverdier (AN) (ppm)                                 | 25 ppm  |
| Grønseverdier (Korttidsverdi) (mg/m <sup>3</sup> )       | 175 mg/m <sup>3</sup> (value calculated)  |
| Grønseverdier (Korttidsverdi) (ppm)                      | 37.5 ppm (value calculated)   |

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

|                            |                       |
|----------------------------|-----------------------|
| OEL chemical category (NO) | Sensitizing substance |
|----------------------------|-----------------------|

#### Switzerland - Occupational Exposure Limits

|                          |                      |
|--------------------------|----------------------|
| MAK (mg/m <sup>3</sup> ) | 40 mg/m <sup>3</sup> |
|--------------------------|----------------------|

|           |       |
|-----------|-------|
| MAK (ppm) | 7 ppm |
|-----------|-------|

|                           |                      |
|---------------------------|----------------------|
| KZGW (mg/m <sup>3</sup> ) | 80 mg/m <sup>3</sup> |
|---------------------------|----------------------|

|            |        |
|------------|--------|
| KZGW (ppm) | 14 ppm |
|------------|--------|

|                            |            |
|----------------------------|------------|
| OEL chemical category (CH) | Sensitizer |
|----------------------------|------------|

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Wear protective gloves.

#### Eye protection:

Chemical goggles or safety glasses. Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Wear appropriate mask

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



#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

|  |                                      |
|--|--------------------------------------|
| Physical state                             | : Liquid                             |
| Colour                                     | : light yellow. amber.               |
| Odour                                      | : characteristic.                    |
| Odour threshold                            | : No data available                  |
| pH   | : No data available                  |
| Relative evaporation rate (butylacetate=1) | : No data available                  |
| Melting point                              | : Not applicable                     |
| Freezing point                             | : No data available                  |
| Boiling point                              | : No data available                  |
| Flash point                                | : > 93.33 °C (closed cup) ASTM D7094 |

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|   |                     |
|---|---------------------|
| 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                                | : ≈ 0.94            |
| 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

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 toxicological effects

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

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

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

#### Linalool (78-70-6)

|           |                       |
|-----------|-----------------------|
| LD50 oral | 2790 mg/kg bodyweight |
|-----------|-----------------------|

#### Tetrahydrolinalool (78-69-3)

|               |          |
|---------------|----------|
| LD50 oral rat | > 5 g/kg |
|---------------|----------|

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|                    |              |
|--------------------|--------------|
| LD50 dermal rabbit | > 5000 mg/kg |
|--------------------|--------------|

### Ethylene brassylate (105-95-3)

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

### Linalyl acetate (115-95-7)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | 14550 mg/kg  |
| LD50 dermal rabbit | > 5000 mg/kg |

### Phenylmethanol (100-51-6)

|               |                       |
|---------------|-----------------------|
| LD50 oral rat | 1230 mg/kg            |
| LD50 oral     | 1620 mg/kg bodyweight |
| LD50 dermal   | 2500 mg/kg bodyweight |

### Oxyphelyon (Raspberry ketone) crystals (5471-51-2)

|               |            |
|---------------|------------|
| LD50 oral rat | 1320 mg/kg |
|---------------|------------|

### 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          |

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

|                    |            |
|--------------------|------------|
| LD50 oral rat      | 4400 mg/kg |
| LD50 dermal rabbit | > 5 g/kg   |

### Orange oil (8008-57-9)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | 4400 mg/kg   |
| LD50 dermal rabbit | > 5000 mg/kg |

### Geraniol (106-24-1)

|                    |                       |
|--------------------|-----------------------|
| LD50 oral rat      | 3600 mg/kg            |
| LD50 oral          | 3600 mg/kg bodyweight |
| LD50 dermal rabbit | > 5 g/kg              |

### Citronellol Pure (106-22-9)

|                    |                       |
|--------------------|-----------------------|
| LD50 oral rat      | 3450 mg/kg            |
| LD50 oral          | 3450 mg/kg bodyweight |
| LD50 dermal rabbit | 2650 mg/kg            |
| LD50 dermal        | 2650 mg/kg bodyweight |

### Eucalyptus oil (8000-48-4)

|               |            |
|---------------|------------|
| LD50 oral rat | 2480 mg/kg |
|---------------|------------|

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### Aldehyde C-16 (77-83-8)

|               |            |
|---------------|------------|
| LD50 oral rat | 5470 mg/kg |
|---------------|------------|

### delta-Damascone (57378-68-4)

|           |                       |
|-----------|-----------------------|
| LD50 oral | 1400 mg/kg bodyweight |
|-----------|-----------------------|

### Hexyl cinnamic aldehyde (101-86-0)

|                            |                       |
|----------------------------|-----------------------|
| LD50 oral rat              | 3100 mg/kg            |
| LD50 oral                  | 3100 mg/kg bodyweight |
| LD50 dermal rabbit         | > 3000 mg/kg          |
| LC50 inhalation rat (mg/l) | > 5 mg/l/4h           |

### Geranium oil Egyptian (8000-46-2)

|             |                       |
|-------------|-----------------------|
| LD50 dermal | 2500 mg/kg bodyweight |
|-------------|-----------------------|

### Cyclamal (103-95-7)

|               |                       |
|---------------|-----------------------|
| LD50 oral rat | 3810 mg/kg            |
| LD50 oral     | 3810 mg/kg bodyweight |

### Triplal (Vertocitral) (68039-49-6)

|           |                       |
|-----------|-----------------------|
| LD50 oral | 3900 mg/kg bodyweight |
|-----------|-----------------------|

### Eugenol (97-53-0)

|               |                       |
|---------------|-----------------------|
| LD50 oral rat | 1930 mg/kg            |
| LD50 oral     | 2500 mg/kg bodyweight |

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

|                    |                       |
|--------------------|-----------------------|
| LD50 oral rat      | 4100 mg/kg            |
| LD50 oral          | 2000 mg/kg bodyweight |
| LD50 dermal rabbit | > 5000 mg/kg          |

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

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

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

### Eugenol (97-53-0)

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

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

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|   |   |
|---|---|
| STOT-repeated exposure                              | : Not classified  |
| Aspiration hazard                                   | : Not classified  |
| 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   | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| 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.  |

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

|                                |   |
|--------------------------------|---|
| LC50 fish 1                    | 0.452 mg/l Wolf, 1996d-27682                  |
| LC50 other aquatic organisms 1 | > 0.14 mg/l REACH DOSSIER Pimephales promelas |
| EC50 Daphnia 2                 | 260 µg/l REACH Dossier                        |
| EC50 other aquatic organisms 1 | 0.131 mg/l REACH Dossier                      |

#### Linalool (78-70-6)

|                    |  |
|--------------------|--|
| EC50 96h algae (1) | 88.3 mg/l (Species: Desmodesmus subspicatus) |
|--------------------|--|

#### Tetrahydrolinalool (78-69-3)

|             |   |
|-------------|---|
| LC50 fish 1 | 8.9 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
|-------------|---|

#### Linalyl acetate (115-95-7)

|             |   |
|-------------|---|
| LC50 fish 1 | 11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through]) |
|-------------|---|

#### Phenylmethanol (100-51-6)

|                |  |
|----------------|--|
| LC50 fish 1    | 460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| LC50 fish 2    | 10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  |
| EC50 Daphnia 1 | 23 mg/l (Exposure time: 48 h - Species: water flea)                    |

#### 2-Hydroxybenzoic acid, benzyl ester (118-58-1)

|             |  |
|-------------|--|
| LC50 fish 1 | 1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
|-------------|--|

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

|             |  |
|-------------|--|
| LC50 fish 1 | 0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| LC50 fish 2 | 35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)                           |

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

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

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### Aldehyde C-16 (77-83-8)

|             |   |
|-------------|---|
| LC50 fish 1 | 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) |
|-------------|---|

### Eugenol (97-53-0)

|             |  |
|-------------|--|
| LC50 fish 1 | 13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
|-------------|--|

## 12.2. Persistence and degradability

### Evening Snow CC-13259

|                               |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

### Eucalyptus oil (8000-48-4)

|                               |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

### Geranium oil Egyptian (8000-46-2)

|                               |   |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |
|-------------------------------|---|

## 12.3. Bioaccumulative potential

### Evening Snow CC-13259

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

### Phenylmethanol (100-51-6)

|   |     |
|---|-----|
| Partition coefficient n-octanol/water (Log Pow) | 1.1 |
|---|-----|

### Eucalyptus oil (8000-48-4)

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

### Geranium oil Egyptian (8000-46-2)

|                           |                  |
|---------------------------|------------------|
| 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

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.   |

## SECTION 14: Transport information

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

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### 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.<br>(HEXAMETHYLINDANOPYRAN), 9, III, (-)              |
| Transport document description (IMDG) | : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(HEXAMETHYLINDANOPYRAN), 9, III, MARINE POLLUTANT |
| Transport document description (IATA) | : UN 3082 Environmentally hazardous substance, liquid, n.o.s.<br>(HEXAMETHYLINDANOPYRAN), 9, III                   |
| Transport document description (ADN)  | : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III  |
| Transport document description (RID)  | : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 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 |



#### ADN

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



#### RID

|                                  |     |
|----------------------------------|-----|
| Transport hazard class(es) (RID) | : 9 |
|----------------------------------|-----|

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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

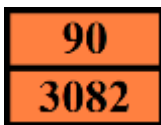
### 14.5. Environmental hazards

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 :



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) : TP2, 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

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PCA max net quantity (IATA) : 450L  
CAO packing instructions (IATA) : 964  
CAO max net quantity (IATA) : 450L  
Special provisions (IATA) : A97, A158, A197  
ERG code (IATA) : 9L

### Inland waterway transport

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

### Rail transport

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

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

| Reference code | Applicable on  |
|----------------|--|
| 3(a)           | d-Limonene ; Eucalyptus oil ; Orange oil   |
| 3(b)           | Evening Snow CC-13259 ; Tetrahydrolinalool ; Linalool ; 2-Hydroxybenzoic acid, benzyl ester ; Iso E Super ; d-Limonene ; Phenylmethanol ; Linalyl acetate ; Cyclamal ; Geraniol ; delta-Damascone ; Aldehyde C-16 ; Eucalyptus oil ; Citronellol Pure ; Geranium oil Egyptian ; Orange oil ; Hexyl cinnamic aldehyde ; Amyl salicylate ; Eugenol ; Triplal (Vertocitral) |
| 3(c)           | Evening Snow CC-13259 ; Hexamethylindanopyran ; Ethylene brassylate ; 2-Hydroxybenzoic acid, benzyl ester ; Iso E Super ; d-Limonene ; Cyclamal ; delta-Damascone ; Aldehyde C-16 ; Eucalyptus oil ; Geranium oil Egyptian ; Orange oil ; Hexyl cinnamic aldehyde ; Amyl salicylate ; Triplal (Vertocitral)  |
| 40.            | d-Limonene ; Eucalyptus oil ; Orange oil   |

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

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

#### Netherlands

- SZW-lijst van kankerverwekkende stoffen : Eucalyptus oil, Orange oil, Triplal (Vertocitral) are listed
- SZW-lijst van mutagene stoffen : Eucalyptus oil, Orange oil, Triplal (Vertocitral) are listed
- NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed
- NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed
- NIET-limitatieve lijst van voor de voortplanting giftige 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. 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 |
| Asp. Tox. 1                         | Aspiration hazard, Category 1                                     |
| 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                                     |
| 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.                                      |
| H302                                | Harmful if swallowed.   |
| H304                                | May be fatal if swallowed and enters airways.                     |
| H315                                | Causes skin irritation.   |
| H317                                | May cause an allergic skin reaction.                              |
| H318                                | Causes serious eye damage.  |

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|      |   |
|------|---|
| H319 | Causes serious eye irritation.                        |
| 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.    |

SDS EU (REACH Annex II)

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.