

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

### 1.1. Product identifier

|                 |                           |
|-----------------|---------------------------|
| Product form    | : Mixture                 |
| Trade name      | : KHALI SUNRISE #EU55628F |
| UFI             | : KP1M-ECV6-200S-XJKF     |
| Product code    | : EU55628F                |
| Type of product | : Perfumes, fragrances    |
| Product group   | : Trade product           |

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

#### Relevant identified uses

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

### 1.3. Details of the supplier of the safety data sheet

FRENCH COLOR & FRAGRANCE INTERNATIONAL GmbH  
Mittlerer Weg 35  
DE 79424 Auggen  
Germany  
T 49-7631-931-8900  
[SDS@frenchcolor.com](mailto:SDS@frenchcolor.com), [www.frenchcolor.com](http://www.frenchcolor.com)

### 1.4. Emergency telephone number

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

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

|                                                                   |      |
|-------------------------------------------------------------------|------|
| Skin corrosion/irritation, Category 2                             | H315 |
| 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- and EUH-statements: see section 16                |      |

#### Adverse physicochemical, human health and environmental effects

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

### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

GHS09

Signal word (CLP)

: Warning

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|                                |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contains                       | : 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone; Hexyl salicylate; Citral; Geranyl acetate; Veratryl aldehyde (Veratraldehyde); Cinnamic aldehyde; Benzyl salicylate; Vertofix; Eucalyptol; Canthoxal; Balsam oil, Peru; Guaiac wood oil; Eugenol; Linalool; .alpha.-Pinene; beta-Caryophyllene; Damascone Beta; Methyl isoeugenol; Isoeugenol; Citronellol Pure; Cashmeran                   |
| Hazard statements (CLP)        | : H315 - Causes skin irritation.<br>H317 - May cause an allergic skin reaction.<br>H319 - Causes serious eye irritation.<br>H411 - Toxic to aquatic life with long lasting effects.                                                                                                                                                                                                                                      |
| Precautionary statements (CLP) | : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P264 - Wash hands, forearms and face thoroughly after handling.<br>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. |
| Extra phrases                  | : For professional users only.                                                                                                                                                                                                                                                                                                                                                                                           |

### 2.3. Other hazards

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

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

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name                                                                     | Product identifier                                                     | %            | Classification according to Regulation (EC) No. 1272/2008 [CLP]                           |
|--------------------------------------------------------------------------|------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------|
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone | CAS-No.: 54464-57-2<br>EC-No.: 259-174-3<br>REACH-no: 01-2119489989-04 | 7.2 – 14.3   | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 1, H410                      |
| Ethylene brassylate                                                      | CAS-No.: 105-95-3<br>EC-No.: 203-347-8<br>REACH-no: 01-2119976314-33   | 4.5 – 8.94   | Aquatic Chronic 2, H411                                                                   |
| Phenylethyl alcohol                                                      | CAS-No.: 60-12-8<br>EC-No.: 200-456-2<br>REACH-no: 01-2119963921-31    | 1.6 – 3.13   | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319                                           |
| Hexyl salicylate                                                         | CAS-No.: 6259-76-3<br>EC-No.: 228-408-6<br>EC Index-No.: 607-772-00-3  | 1.3 – 2.6583 | Skin Sens. 1B, H317<br>Repr. 2, H361d<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| Phenylethyl acetate                                                      | CAS-No.: 103-45-7<br>EC-No.: 203-113-5<br>REACH-no: 01-2119976340-38   | 1.1 – 2.23   | Eye Dam. 1, H318                                                                          |
| Geranyl acetate                                                          | CAS-No.: 105-87-3<br>EC-No.: 203-341-5<br>REACH-no: 01-2119973480-35   | 0.9 – 1.88   | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412                      |

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| Name                                                                                                  | Product identifier                                                                                  | %              | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                        |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethyl maltol                                                                                          | CAS-No.: 4940-11-8<br>EC-No.: 225-582-5                                                             | 0.9 – 1.79     | Acute Tox. 4 (Oral), H302                                                                                                                                              |
| Vanillin                                                                                              | CAS-No.: 121-33-5<br>EC-No.: 204-465-2<br>REACH-no: 01-2119516040-60                                | 0.855 – 1.7721 | Eye Irrit. 2, H319                                                                                                                                                     |
| beta-Ionone                                                                                           | CAS-No.: 14901-07-6<br>EC-No.: 238-969-9                                                            | 0.7 – 1.43     | Aquatic Chronic 2, H411                                                                                                                                                |
| citral<br>substance with national workplace exposure limit(s)<br>(BE, ES, IE, PL, PT)                 | CAS-No.: 5392-40-5<br>EC-No.: 226-394-6<br>EC Index-No.: 605-019-00-3<br>REACH-no: 01-2119462829-23 | 0.7 – 1.34     | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317                                                                                                        |
| Veratryl aldehyde (Veratraldehyde)                                                                    | CAS-No.: 120-14-9<br>EC-No.: 204-373-2                                                              | 0.7 – 1.34     | Acute Tox. 4 (Oral), H302<br>Skin Sens. 1, H317                                                                                                                        |
| Patchouli oil                                                                                         | CAS-No.: 8014-09-3<br>EC-No.: 616-944-7<br>EC Index-No.: 616-944-7                                  | 0.6 – 1.12     | Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411                                                                                                                           |
| Benzyl salicylate                                                                                     | CAS-No.: 118-58-1<br>EC-No.: 204-262-9<br>EC Index-No.: 607-754-00-5<br>REACH-no: 01-2119969442-31  | 0.5 – 1.0711   | Eye Irrit. 2, H319<br>Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412                                                                                                   |
| Guaiac wood oil                                                                                       | CAS-No.: 8016-23-7<br>EC-No.: 616-975-6<br>REACH-no: 01-2120138621-63                               | 0.5 – 0.94     | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411                                                                                                   |
| Vertofix                                                                                              | CAS-No.: 32388-55-9<br>EC-No.: 251-020-3<br>REACH-no: 01-2119969651-28                              | 0.4 – 0.89     | Skin Sens. 1B, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                                                                                                |
| Balsam oil, Peru                                                                                      | CAS-No.: 8007-00-9<br>EC-No.: 232-352-8                                                             | 0.4 – 0.89     | Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT RE 2, H373<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411                                                          |
| .alpha.-Pinene<br>substance with national workplace exposure limit(s)<br>(BE, EE, ES, LT, PT, SE, NO) | CAS-No.: 80-56-8<br>EC-No.: 201-291-9                                                               | 0.4 – 0.89     | Flam. Liq. 3, H226<br>Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Asp. Tox. 1, H304<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| beta-Caryophyllene                                                                                    | CAS-No.: 87-44-5<br>EC-No.: 201-746-1<br>REACH-no: 01-2120745237-53                                 | 0.4 – 0.89     | Asp. Tox. 1, H304<br>Skin Sens. 1B, H317                                                                                                                               |
| Amyl salicylate                                                                                       | CAS-No.: 2050-08-0<br>EC-No.: 218-080-2<br>REACH-no: 01-2119969444-27                               | 0.4 – 0.7103   | Acute Tox. 4 (Oral), H302<br>Aquatic Chronic 1, H410                                                                                                                   |

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| Name              | Product identifier                                                                                              | %          | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eucalyptol        | CAS-No.: 470-82-6<br>EC-No.: 207-431-5<br>REACH-no: 01-2119967772-24                                            | 0.3 – 0.54 | Flam. Liq. 3, H226<br>Skin Sens. 1, H317                                                                                                                                                            |
| Canthoxal         | CAS-No.: 5462-06-6<br>EC-No.: 226-749-5                                                                         | 0.3 – 0.54 | Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412                                                                                                                                                      |
| 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               | 0.3 – 0.54 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317                                                                                                                                    |
| Cinnamic aldehyde | CAS-No.: 104-55-2<br>EC-No.: 203-213-9<br>EC Index-No.: 606-155-00-6<br>REACH-no: 01-2119935242-45              | 0.2 – 0.45 | Acute Tox. 4 (Dermal), H312<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1A, H317<br>Aquatic Chronic 3, H412                                                                          |
| Eugenol           | CAS-No.: 97-53-0<br>EC-No.: 202-589-1<br>REACH-no: 01-2119971802-33                                             | 0.2 – 0.45 | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317                                                                                                                              |
| Cashmeran         | CAS-No.: 33704-61-9<br>EC-No.: 251-649-3<br>REACH-no: 01-2119977131-40                                          | 0.1 – 0.22 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317<br>STOT RE 2, H373<br>Aquatic Chronic 2, H411                                                                                      |
| Citronellol Pure  | CAS-No.: 106-22-9<br>EC-No.: 203-375-0<br>REACH-no: 01-2119453995-23                                            | 0.1 – 0.18 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317                                                                                                                                    |
| Rose oxide        | CAS-No.: 16409-43-1<br>EC-No.: 240-457-5                                                                        | 0.1 – 0.13 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Repr. 2, H361                                                                                                                                          |
| Damascone Beta    | CAS-No.: 23726-92-3<br>EC-No.: 245-843-7                                                                        | 0.1 – 0.13 | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                                                                                                                               |
| Methyl isoeugenol | CAS-No.: 93-16-3<br>EC-No.: 202-224-6<br>REACH-no: 01-2120223689-47                                             | 0.1 – 0.13 | Skin Sens. 1B, H317                                                                                                                                                                                 |
| isoeugenol        | CAS-No.: 97-54-1<br>EC-No.: 202-590-7<br>EC Index-No.: 604-094-00-X;<br>202-590-1<br>REACH-no: 17-2119417630-49 | 0.1 – 0.13 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1A, H317<br>Carc. 2, H351<br>STOT SE 3, H335 |

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

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. 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. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.                                                                                                                                                           |
| 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. |
| Symptoms/effects after skin contact | : Irritation. 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   | : Sand. Water spray. Dry powder. Foam. Carbon dioxide. |
| 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. |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

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

#### For emergency responders

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

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.  
Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.  
Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### National occupational exposure and biological limit values

| citral (5392-40-5)                     |                     |
|----------------------------------------|---------------------|
| Ireland - Occupational Exposure Limits |                     |
| OEL TWA                                | 5 ppm               |
| OEL STEL                               | 15 ppm (calculated) |

#### 8.2. Exposure controls

##### Appropriate engineering controls

###### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Personal protection equipment

###### Personal protective equipment:

Avoid all unnecessary exposure.

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



##### Eye and face protection

###### Eye protection:

Chemical goggles or safety glasses. Safety glasses

##### Skin protection

###### Skin and body protection:

Wear suitable protective clothing

###### Hand protection:

Wear protective gloves.

##### Respiratory protection

###### Respiratory protection:

Wear appropriate mask

##### Environmental exposure controls

###### Environmental exposure controls:

Avoid release to the environment.

###### Other information:

Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

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

|                       |                                              |
|-----------------------|----------------------------------------------|
| Physical state        | : Liquid                                     |
| Colour                | : light yellow. amber. Conforms to standard. |
| Odour                 | : characteristic.                            |
| Odour threshold       | : Not available                              |
| Melting point         | : Not applicable                             |
| Freezing point        | : Not available                              |
| Boiling point         | : Not available                              |
| Flammability          | : Not applicable                             |
| Lower explosion limit | : Not available                              |
| Upper explosion limit | : Not available                              |

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|                                                 |                  |
|-------------------------------------------------|------------------|
| Flash point                                     | : > 93.3 °C      |
| Auto-ignition temperature                       | : Not available  |
| Decomposition temperature                       | : Not available  |
| pH                                              | : Not available  |
| Viscosity, kinematic                            | : Not available  |
| Solubility                                      | : Not available  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Vapour pressure                                 | : Not available  |
| Vapour pressure at 50°C                         | : Not available  |
| Density                                         | : Not available  |
| Relative density                                | : Not available  |
| Relative vapour density at 20°C                 | : Not available  |
| Particle characteristics                        | : Not applicable |

### 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 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 |

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

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

#### Hexyl salicylate (6259-76-3)

|                    |                                 |
|--------------------|---------------------------------|
| LD50 oral rat      | > 5 g/kg (Source: ECHA)         |
| LD50 dermal rabbit | > 5000 mg/kg (Source: ECHA_API) |

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

|               |                               |
|---------------|-------------------------------|
| LD50 oral rat | 1609 mg/kg (Source: EPA_HPVS) |
|---------------|-------------------------------|



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|                                                      |                                  |
|------------------------------------------------------|----------------------------------|
| <b>Phenylethyl alcohol (60-12-8)</b>                 |                                  |
| LD50 oral                                            | 1610 mg/kg                       |
| LD50 dermal rabbit                                   | 2535 mg/kg (Source: EPA_HPVS)    |
| LC50 Inhalation - Rat                                | > 4.63 mg/l/4h                   |
| <b>Vanillin (121-33-5)</b>                           |                                  |
| LD50 dermal rabbit                                   | > 5010 mg/kg (Source: OECD_SIDS) |
| LD50 dermal                                          | 2600 mg/kg bodyweight            |
| <b>Ethyl maltol (4940-11-8)</b>                      |                                  |
| LD50 oral rat                                        | 1150 mg/kg (Source: NLM_CIP)     |
| LD50 oral                                            | 1200 mg/kg bodyweight            |
| LD50 dermal rabbit                                   | > 5000 mg/kg (Source: ECHA_API)  |
| <b>citral (5392-40-5)</b>                            |                                  |
| LD50 oral rat                                        | 4960 mg/kg (Source: NLM_CIP)     |
| LD50 dermal rabbit                                   | 2250 mg/kg (Source: NLM_CIP)     |
| <b>Phenylethyl acetate (103-45-7)</b>                |                                  |
| LD50 oral rat                                        | 3670 mg/kg (Source: NLM_CIP)     |
| LD50 oral                                            | 2500 mg/kg bodyweight            |
| LD50 dermal rabbit                                   | 6210 mg/kg (Source: ECHA_API)    |
| <b>Geranyl acetate (105-87-3)</b>                    |                                  |
| LD50 oral rat                                        | 6330 mg/kg (Source: NLM_CIP)     |
| <b>beta-Ionone (14901-07-6)</b>                      |                                  |
| LD50 oral rat                                        | 4590 mg/kg (Source: NLM_HSDB)    |
| LD50 oral                                            | 3940 mg/kg bodyweight            |
| <b>Veratryl aldehyde (Veratraldehyde) (120-14-9)</b> |                                  |
| LD50 oral rat                                        | 2 g/kg (Source: NLM_CIP)         |
| LD50 oral                                            | 2000 mg/kg bodyweight            |
| <b>Cinnamic aldehyde (104-55-2)</b>                  |                                  |
| LD50 oral rat                                        | 2220 mg/kg (Source: NLM_CIP)     |
| LD50 oral                                            | 2220 mg/kg                       |
| LD50 dermal rabbit                                   | 1260 mg/kg (Source: EPA_HPVS)    |
| LD50 dermal                                          | 1260 mg/kg                       |
| <b>Benzyl salicylate (118-58-1)</b>                  |                                  |
| LD50 oral rat                                        | 2227 mg/kg (Source: NLM_CIP)     |
| LD50 oral                                            | 2200 mg/kg bodyweight            |
| LD50 dermal rabbit                                   | > 5000 mg/kg (Source: CHEMVIEW)  |
| <b>Amyl salicylate (2050-08-0)</b>                   |                                  |
| LD50 oral rat                                        | 4100 mg/kg (Source: NZ_CCID)     |
| LD50 oral                                            | 2000 mg/kg bodyweight            |

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|                                    |                                 |
|------------------------------------|---------------------------------|
| <b>Amyl salicylate (2050-08-0)</b> |                                 |
| LD50 dermal rabbit                 | > 5000 mg/kg (Source: CHEMVIEW) |
| <b>Vertofix (32388-55-9)</b>       |                                 |
| LD50 oral                          | 4500 mg/kg bodyweight           |
| LD50 dermal rabbit                 | > 5000 mg/kg (Source: ECHA_API) |
| <b>Eucalyptol (470-82-6)</b>       |                                 |
| LD50 oral rat                      | 2480 mg/kg (Source: NLM_CIP)    |
| LD50 oral                          | 2480 mg/kg bodyweight           |
| <b>Canthoxal (5462-06-6)</b>       |                                 |
| LD50 oral                          | 4000 mg/kg bodyweight           |
| LD50 dermal rabbit                 | > 5000 mg/kg (Source: ECHA_API) |
| <b>Patchouli oil (8014-09-3)</b>   |                                 |
| LD50 oral rat                      | > 5 g/kg (Source: NLM_CIP)      |
| <b>Guaiac wood oil (8016-23-7)</b> |                                 |
| LD50 oral rat                      | > 5 g/kg (Source: NLM_CIP)      |
| LD50 dermal rabbit                 | > 5 g/kg (Source: NLM_HSDB)     |
| <b>Eugenol (97-53-0)</b>           |                                 |
| LD50 oral rat                      | 1930 mg/kg (Source: NZ_CCID)    |
| LD50 oral                          | 2500 mg/kg bodyweight           |
| LC50 Inhalation - Rat              | > 2.58 mg/l/4h                  |
| <b>Linalool (78-70-6)</b>          |                                 |
| LD50 oral rat                      | 2790 mg/kg (Source: NLM_CIP)    |
| LD50 oral                          | 2790 mg/kg                      |
| LD50 dermal rabbit                 | 5610 mg/kg (Source: ECHA_API)   |
| <b>.alpha.-Pinene (80-56-8)</b>    |                                 |
| LD50 oral rat                      | 3700 mg/kg (Source: NLM_CIP)    |
| LD50 dermal rat                    | > 5000 mg/kg (Source: CHEMVIEW) |
| <b>Rose oxide (16409-43-1)</b>     |                                 |
| LD50 oral rat                      | 4300 mg/kg (Source: NLM_CIP)    |
| LD50 oral                          | 4300 mg/kg bodyweight           |
| <b>Damascone Beta (23726-92-3)</b> |                                 |
| LD50 oral                          | 2920 mg/kg bodyweight           |
| <b>Methyl isoeugenol (93-16-3)</b> |                                 |
| LD50 oral rat                      | 2500 mg/kg (Source: NLM_CIP)    |
| LD50 oral                          | 2500 mg/kg                      |
| <b>isoeugenol (97-54-1)</b>        |                                 |
| LD50 oral rat                      | 1560 mg/kg (Source: NLM_CIP)    |
| LD50 oral                          | 1500 mg/kg bodyweight           |

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|                                     |                                                                    |
|-------------------------------------|--------------------------------------------------------------------|
| <b>isoeugenol (97-54-1)</b>         |                                                                    |
| LD50 dermal                         | 1912 mg/kg bodyweight                                              |
| <b>Citronellol Pure (106-22-9)</b>  |                                                                    |
| LD50 oral rat                       | 3450 mg/kg (Source: NLM_CIP)                                       |
| LD50 oral                           | 3450 mg/kg bodyweight                                              |
| LD50 dermal rabbit                  | 2650 mg/kg (Source: EPA_HP V)                                      |
| LD50 dermal                         | 2650 mg/kg bodyweight                                              |
| <b>Cashmeran (33704-61-9)</b>       |                                                                    |
| LD50 oral rat                       | 2685 mg/kg (Source: ECHA_API)                                      |
| LD50 oral                           | 2900 mg/kg bodyweight                                              |
| Skin corrosion/irritation           | : Causes skin irritation.                                          |
| 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                                                   |
| <b>Eugenol (97-53-0)</b>            |                                                                    |
| IARC group                          | 3 - Not classifiable                                               |
| <b>isoeugenol (97-54-1)</b>         |                                                                    |
| IARC group                          | 2B - Possibly carcinogenic to humans                               |
| Reproductive toxicity               | : Not classified                                                   |
| STOT-single exposure                | : Not classified                                                   |
| <b>isoeugenol (97-54-1)</b>         |                                                                    |
| STOT-single exposure                | May cause respiratory irritation.                                  |
| STOT-repeated exposure              | : Not classified                                                   |
| <b>Balsam oil, Peru (8007-00-9)</b> |                                                                    |
| STOT-repeated exposure              | May cause damage to organs through prolonged or repeated exposure. |
| <b>Cashmeran (33704-61-9)</b>       |                                                                    |
| STOT-repeated exposure              | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard                   | : Not classified                                                   |
| <b>.alpha.-Pinene (80-56-8)</b>     |                                                                    |
| Hydrocarbon                         | Yes                                                                |
| <b>beta-Caryophyllene (87-44-5)</b> |                                                                    |
| Hydrocarbon                         | Yes                                                                |

### 11.2. Information on other hazards

#### Other information

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

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

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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.

|                                                                                              |                                                                                                |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Phenylethyl alcohol (60-12-8)</b>                                                         |                                                                                                |
| EC50 - Crustacea [1]                                                                         | 287.17 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                     |
| EC50 72h - Algae [1]                                                                         | 490 mg/l (Species: Desmodesmus subspicatus)                                                    |
| <b>Vanillin (121-33-5)</b>                                                                   |                                                                                                |
| LC50 - Fish [1]                                                                              | 53 – 61.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) |
| LC50 - Fish [2]                                                                              | 88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)              |
| NOEC (acute)                                                                                 | 10000 mg/kg (Exposure time: 42 Days - Species: Eisenia foetida [soil dry weight])              |
| <b>Ethyl maltol (4940-11-8)</b>                                                              |                                                                                                |
| LC50 - Fish [1]                                                                              | > 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: ECHA)                    |
| <b>citral (5392-40-5)</b>                                                                    |                                                                                                |
| 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)                                                     |
| <b>Benzyl salicylate (118-58-1)</b>                                                          |                                                                                                |
| LC50 - Fish [1]                                                                              | 1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)              |
| <b>Eucalyptol (470-82-6)</b>                                                                 |                                                                                                |
| LC50 - Fish [1]                                                                              | 95.4 (95.4 – 109) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])     |
| <b>Eugenol (97-53-0)</b>                                                                     |                                                                                                |
| LC50 - Fish [1]                                                                              | 13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)                |
| <b>Linalool (78-70-6)</b>                                                                    |                                                                                                |
| LC50 - Fish [1]                                                                              | 27.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: ECHA)           |
| EC50 - Crustacea [1]                                                                         | 20 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                         |
| EC50 96h - Algae [1]                                                                         | 88.3 mg/l (Species: Desmodesmus subspicatus)                                                   |
| <b>.alpha.-Pinene (80-56-8)</b>                                                              |                                                                                                |
| 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)                                         |
| <b>Cashmeran (33704-61-9)</b>                                                                |                                                                                                |
| LC50 - Fish [1]                                                                              | 10.3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)              |
| <b>12.2. Persistence and degradability</b>                                                   |                                                                                                |
| <b>KHALI SUNRISE #EU55628F</b>                                                               |                                                                                                |
| Persistence and degradability                                                                | Not established.                                                                               |
| <b>1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)</b> |                                                                                                |
| Persistence and degradability                                                                | Rapidly degradable                                                                             |

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|                                                      |                                                         |
|------------------------------------------------------|---------------------------------------------------------|
| <b>Ethylene brassylate (105-95-3)</b>                |                                                         |
| Persistence and degradability                        | May cause long-term adverse effects in the environment. |
| <b>Hexyl salicylate (6259-76-3)</b>                  |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Phenylethyl alcohol (60-12-8)</b>                 |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Vanillin (121-33-5)</b>                           |                                                         |
| Persistence and degradability                        | Not established.                                        |
| <b>Ethyl maltol (4940-11-8)</b>                      |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>citral (5392-40-5)</b>                            |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Phenylethyl acetate (103-45-7)</b>                |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Geranyl acetate (105-87-3)</b>                    |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>beta-Ionone (14901-07-6)</b>                      |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Veratryl aldehyde (Veratraldehyde) (120-14-9)</b> |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Cinnamic aldehyde (104-55-2)</b>                  |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Benzyl salicylate (118-58-1)</b>                  |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Amyl salicylate (2050-08-0)</b>                   |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Vertofix (32388-55-9)</b>                         |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Eucalyptol (470-82-6)</b>                         |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Canthoxal (5462-06-6)</b>                         |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Balsam oil, Peru (8007-00-9)</b>                  |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |
| <b>Patchouli oil (8014-09-3)</b>                     |                                                         |
| Persistence and degradability                        | Rapidly degradable                                      |

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|                                                                                              |                             |
|----------------------------------------------------------------------------------------------|-----------------------------|
| <b>Guaiac wood oil (8016-23-7)</b>                                                           |                             |
| Persistence and degradability                                                                | Rapidly degradable          |
| <b>Eugenol (97-53-0)</b>                                                                     |                             |
| Persistence and degradability                                                                | Rapidly degradable          |
| <b>Linalool (78-70-6)</b>                                                                    |                             |
| Persistence and degradability                                                                | Rapidly degradable          |
| <b>.alpha.-Pinene (80-56-8)</b>                                                              |                             |
| Persistence and degradability                                                                | Rapidly degradable          |
| <b>beta-Caryophyllene (87-44-5)</b>                                                          |                             |
| Persistence and degradability                                                                | Rapidly degradable          |
| <b>Rose oxide (16409-43-1)</b>                                                               |                             |
| Persistence and degradability                                                                | Rapidly degradable          |
| <b>Damascone Beta (23726-92-3)</b>                                                           |                             |
| Persistence and degradability                                                                | Rapidly degradable          |
| <b>Methyl isoeugenol (93-16-3)</b>                                                           |                             |
| Persistence and degradability                                                                | Rapidly degradable          |
| <b>isoeugenol (97-54-1)</b>                                                                  |                             |
| Persistence and degradability                                                                | Rapidly degradable          |
| <b>Citronellol Pure (106-22-9)</b>                                                           |                             |
| Persistence and degradability                                                                | Rapidly degradable          |
| <b>Cashmeran (33704-61-9)</b>                                                                |                             |
| Persistence and degradability                                                                | Rapidly degradable          |
| <b>12.3. Bioaccumulative potential</b>                                                       |                             |
| <b>KHALI SUNRISE #EU55628F</b>                                                               |                             |
| Bioaccumulative potential                                                                    | Not established.            |
| <b>1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)</b> |                             |
| Partition coefficient n-octanol/water (Log Pow)                                              | 5.65 (at 30°C)              |
| <b>Ethylene brassylate (105-95-3)</b>                                                        |                             |
| Partition coefficient n-octanol/water (Log Pow)                                              | 4.3 (at 25 °C (at pH 6.4-7) |
| Bioaccumulative potential                                                                    | Not established.            |
| <b>Hexyl salicylate (6259-76-3)</b>                                                          |                             |
| Partition coefficient n-octanol/water (Log Pow)                                              | 5.5 (at 30 °C (at pH 7)     |
| <b>Phenylethyl alcohol (60-12-8)</b>                                                         |                             |
| Partition coefficient n-octanol/water (Log Pow)                                              | 1.36 (at 20 °C (at pH 7)    |
| <b>Vanillin (121-33-5)</b>                                                                   |                             |
| Partition coefficient n-octanol/water (Log Pow)                                              | 1.23 (at 22 °C)             |

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|                                                      |                                       |
|------------------------------------------------------|---------------------------------------|
| <b>Vanillin (121-33-5)</b>                           |                                       |
| Bioaccumulative potential                            | Not established.                      |
| <b>Ethyl maltol (4940-11-8)</b>                      |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 2.9 (at 25 °C)                        |
| <b>citral (5392-40-5)</b>                            |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 2.76 (at 25 °C)                       |
| <b>Phenylethyl acetate (103-45-7)</b>                |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 2.4 (at 25 °C)                        |
| <b>Geranyl acetate (105-87-3)</b>                    |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 4.04                                  |
| <b>beta-Ionone (14901-07-6)</b>                      |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 1.903 (at 27 °C (at pH 5.7)           |
| <b>Veratryl aldehyde (Veratraldehyde) (120-14-9)</b> |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 0.8 (at 25 °C)                        |
| <b>Cinnamic aldehyde (104-55-2)</b>                  |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 2.1065 (at 25 °C)                     |
| <b>Benzyl salicylate (118-58-1)</b>                  |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 4                                     |
| <b>Amyl salicylate (2050-08-0)</b>                   |                                       |
| BCF - Fish [1]                                       | (1170 dimensionless (whole body w.w.) |
| Partition coefficient n-octanol/water (Log Pow)      | 4.5 (at 30 °C)                        |
| <b>Vertofix (32388-55-9)</b>                         |                                       |
| BCF - Fish [1]                                       | (3920 dimensionless (organ w.w.)      |
| Partition coefficient n-octanol/water (Log Pow)      | 5.6 – 5.9                             |
| <b>Eucalyptol (470-82-6)</b>                         |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 3.4                                   |
| <b>Canthoxal (5462-06-6)</b>                         |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 2.5 (at 25 °C)                        |
| <b>Patchouli oil (8014-09-3)</b>                     |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | Not established                       |
| <b>Eugenol (97-53-0)</b>                             |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 1.83 (at 30 °C (at pH 5.5)            |
| <b>Linalool (78-70-6)</b>                            |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 2.9 (at 20 °C (at pH 7)               |
| <b>.alpha.-Pinene (80-56-8)</b>                      |                                       |
| Partition coefficient n-octanol/water (Log Pow)      | 4.1                                   |

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### beta-Caryophyllene (87-44-5)

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 6.23 (at 25 °C (at pH 7) |
|-------------------------------------------------|--------------------------|

### Rose oxide (16409-43-1)

|                                                 |                           |
|-------------------------------------------------|---------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.3 (at 23 °C (at pH 6.5) |
|-------------------------------------------------|---------------------------|

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

|                                                 |                 |
|-------------------------------------------------|-----------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.41 (at 25 °C) |
|-------------------------------------------------|-----------------|

### Cashmeran (33704-61-9)

|                |                                     |
|----------------|-------------------------------------|
| BCF - Fish [1] | (81 dimensionless (whole body w.w.) |
|----------------|-------------------------------------|

|                                                 |                |
|-------------------------------------------------|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 4.2 (at 20 °C) |
|-------------------------------------------------|----------------|

### 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

### KHALI SUNRISE #EU55628F

|                   |                                   |
|-------------------|-----------------------------------|
| Other information | Avoid release to the environment. |
|-------------------|-----------------------------------|

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

|                   |                                   |
|-------------------|-----------------------------------|
| Other information | Avoid release to the environment. |
|-------------------|-----------------------------------|

### Vanillin (121-33-5)

|                   |                                   |
|-------------------|-----------------------------------|
| Other information | Avoid release to the environment. |
|-------------------|-----------------------------------|

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                                                                                                                                                                                                                                                                                                  |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations.                                                                                                                                                                                                                                                                                                                                      |
| Ecological waste information               | : Avoid release to the environment.                                                                                                                                                                                                                                                                                                                                                                            |
| HP Code                                    | : HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.<br>HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.<br>HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment |

## SECTION 14: Transport information

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

| ADR                                 | IMDG    | IATA    | ADN     | RID     |
|-------------------------------------|---------|---------|---------|---------|
| <b>14.1. UN number or ID number</b> |         |         |         |         |
| UN 3082                             | UN 3082 | UN 3082 | UN 3082 | UN 3082 |



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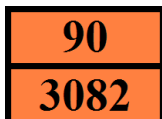
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ADR                                                                                    | IMDG                                                                                                          | IATA                                                                              | ADN                                                                                | RID                                                                                 |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>14.2. UN proper shipping name</b>                                                   |                                                                                                               |                                                                                   |                                                                                    |                                                                                     |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)                      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)                                             | Environmentally hazardous substance, liquid, n.o.s. (ISO E SUPER)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)                  | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)                   |
| <b>Transport document description</b>                                                  |                                                                                                               |                                                                                   |                                                                                    |                                                                                     |
| UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III, (-) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III, MARINE POLLUTANT           | UN 3082 Environmentally hazardous substance, liquid, n.o.s. (ISO E SUPER), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III  | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III   |
| <b>14.3. Transport hazard class(es)</b>                                                |                                                                                                               |                                                                                   |                                                                                    |                                                                                     |
| 9                                                                                      | 9                                                                                                             | 9                                                                                 | 9                                                                                  | 9                                                                                   |
|       |                              |  |  |  |
| <b>14.4. Packing group</b>                                                             |                                                                                                               |                                                                                   |                                                                                    |                                                                                     |
| III                                                                                    | III                                                                                                           | III                                                                               | III                                                                                | III                                                                                 |
| <b>14.5. Environmental hazards</b>                                                     |                                                                                                               |                                                                                   |                                                                                    |                                                                                     |
| Dangerous for the environment: Yes                                                     | Dangerous for the environment: Yes<br>Marine pollutant: Yes<br>EmS-No. (Fire): F-A<br>EmS-No. (Spillage): S-F | Dangerous for the environment: Yes                                                | Dangerous for the environment: Yes                                                 | Dangerous for the environment: Yes                                                  |
| 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) : -

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

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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### SECTION 15: Regulatory information

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

##### EU-Regulations

##### REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference code                         | Applicable on                                                                                                                                                                                                                                                                                                                                                                                                                                    | Entry title or description                                                                                                                                                                                                                                                                                                                                                                         |
| 3(a)                                   | Eucalyptol ; .alpha.-Pinene                                                                                                                                                                                                                                                                                                                                                                                                                      | 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                                                                                           |
| 3(b)                                   | KHALI SUNRISE #EU55628F ; 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone ; Hexyl salicylate ; Phenylethyl alcohol ; Citral ; Phenylethyl acetate ; Geranyl acetate ; Cinnamic aldehyde ; Benzyl salicylate ; Amyl salicylate ; Vertofix ; Eucalyptol ; Canthoxal ; Balsam oil, Peru ; Patchouli oil ; Eugenol ; Linalool ; Rose oxide ; Damascone Beta ; Methyl isoeugenol ; Isoeugenol ; Citronellol Pure ; Cashmeran | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10                                                                                  |
| 3(c)                                   | KHALI SUNRISE #EU55628F ; 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone ; Ethylene brassylate ; Hexyl salicylate ; Geranyl acetate ; beta-Ionone ; Cinnamic aldehyde ; Benzyl salicylate ; Amyl salicylate ; Vertofix ; Canthoxal ; Balsam oil, Peru ; Patchouli oil ; Damascone Beta ; Cashmeran                                                                                                                     | 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                                                                                                                                                                                                                          |
| 40.                                    | Eucalyptol ; .alpha.-Pinene                                                                                                                                                                                                                                                                                                                                                                                                                      | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |

##### REACH Annex XIV (Authorisation List)

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

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### REACH Candidate List (SVHC)

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

### PIC Regulation (Prior Informed Consent)

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

### POP Regulation (Persistent Organic Pollutants)

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

### Ozone Regulation (2024/590)

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

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

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

### Explosives Precursors Regulation (EU 2019/1148)

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

### Drug Precursors Regulation (EC 273/2004)

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

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Other information : None.

| Full text of H- and EUH-statements: |                                                                                                                          |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4                                                                                      |
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4                                                                                      |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                                                                        |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1                                                          |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1                                                        |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2                                                        |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3                                                        |
| Asp. Tox. 1                         | Aspiration hazard, Category 1                                                                                            |
| Carc. 2                             | Carcinogenicity, Category 2                                                                                              |
| EUH208                              | Contains {0 message≤name of sensitising substance>[fieldvalue=_SENSITIZER_COMPONENTS}. May produce an allergic reaction. |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                                                                            |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                                                                            |
| Flam. Liq. 3                        | Flammable liquids, Category 3                                                                                            |
| Repr. 2                             | Reproductive toxicity, Category 2                                                                                        |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                                                                                    |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                                                                           |
| Skin Sens. 1A                       | Skin sensitisation, category 1A                                                                                          |
| Skin Sens. 1B                       | Skin sensitisation, category 1B                                                                                          |
| STOT RE 2                           | Specific target organ toxicity – Repeated exposure, Category 2                                                           |

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| Full text of H- and EUH-statements: |                                                                                            |
|-------------------------------------|--------------------------------------------------------------------------------------------|
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H226                                | Flammable liquid and vapour.                                                               |
| H302                                | Harmful if swallowed.                                                                      |
| H304                                | May be fatal if swallowed and enters airways.                                              |
| H312                                | Harmful in contact with skin.                                                              |
| H315                                | Causes skin irritation.                                                                    |
| H317                                | May cause an allergic skin reaction.                                                       |
| H318                                | Causes serious eye damage.                                                                 |
| H319                                | Causes serious eye irritation.                                                             |
| H332                                | Harmful if inhaled.                                                                        |
| H335                                | May cause respiratory irritation.                                                          |
| H351                                | Suspected of causing cancer.                                                               |
| H361                                | Suspected of damaging fertility or the unborn child.                                       |
| H361d                               | Suspected of damaging the unborn child.                                                    |
| H373                                | May cause damage to organs through prolonged or repeated exposure.                         |
| H400                                | Very toxic to aquatic life.                                                                |
| H410                                | Very toxic to aquatic life with long lasting effects.                                      |
| H411                                | Toxic to aquatic life with long lasting effects.                                           |
| H412                                | Harmful to aquatic life with long lasting effects.                                         |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.