

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Scent pomme au four  
UFI : FS61-90AS-W00U-7E6Y  
Product code : 2570437

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

##### Relevant identified uses

Main use category : Professional use, Consumer use  
Use of the substance/mixture : Fragrance composition (fragrance).

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

LAB SAS  
rue de la clef des champs  
68600 Volgsheim  
France  
T 0389227765  
[office@labsys.fr](mailto:office@labsys.fr)

#### 1.4. Emergency telephone number

No additional information available

### 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 3 H412  
Full text of H- and EUH-statements: see section 16

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

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

#### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

Signal word (CLP)

: Warning

Contains

: Alcool benzylique;  $\alpha$ -methylcinnamaldehyde; coumarin;  $\alpha$ -hexylcinnamaldehyde; Eugenol; pentadecan-15-olide; 2,4-dimethylcyclohex-3-ene-1-carbaldehyde;  $\alpha,\alpha,4$ -trimethylcyclohexylmethyl acetate; linalyl acetate; 3,5-dimethylcyclohex-3-ene-1-carbaldehyde; 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one; ethyl 2,3-epoxy-3-phenylbutyrate; allyl 3-cyclohexylpropionate; cinnamaldehyde; 1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one

Hazard statements (CLP)

: H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.

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### Precautionary statements (CLP)

H319 - Causes serious eye irritation.  
H412 - Harmful to aquatic life with long lasting effects.  
: P273 - Avoid release to the environment.  
P280 - Wear protective gloves, eye protection, face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P501 - Dispose of contents and container to a sorting center, in accordance with local regulations.

### 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]                                                                                         |
|--------------------------------------|----------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2-tert-butylcyclohexyl acetate       | CAS-No.: 88-41-5<br>EC-No.: 201-828-7                                | 12  | Aquatic Chronic 2, H411                                                                                                                                 |
| 1,4-dioxacycloheptadecane-5,17-dione | CAS-No.: 105-95-3<br>EC-No.: 216-133-4                               | 6.9 | Aquatic Chronic 3, H412                                                                                                                                 |
| Alcool benzylique                    | CAS-No.: 100-51-6<br>EC-No.: 202-859-9<br>EC Index-No.: 603-057-00-5 | 6.2 | Acute Tox. 4 (Oral), H302 (ATE=1580 mg/kg bodyweight)<br>Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h)<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317 |
| benzyl benzoate                      | CAS-No.: 120-51-4<br>EC-No.: 204-402-9<br>EC Index-No.: 607-085-00-9 | 6.2 | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411                                                |
| $\alpha$ -methylcinnamaldehyde       | CAS-No.: 101-39-3<br>EC-No.: 202-086-7                               | 5   | Skin Sens. 1B, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412                                                                                 |
| undecan-4-olide                      | CAS-No.: 104-67-6<br>EC-No.: 203-225-4                               | 4.2 | Aquatic Chronic 3, H412                                                                                                                                 |
| coumarin                             | CAS-No.: 91-64-5<br>EC-No.: 202-086-7                                | 3.5 | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412                                                  |
| $\alpha$ -hexylcinnamaldehyde        | CAS-No.: 101-86-0<br>EC-No.: 202-983-3                               | 3.5 | Skin Sens. 1B, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411                                                                                 |
| ethyl vanillin                       | CAS-No.: 121-32-4<br>EC-No.: 204-464-7                               | 1.9 | Eye Irrit. 2, H319                                                                                                                                      |
| 3-phenylpropan-1-ol                  | CAS-No.: 122-97-4<br>EC-No.: 205-775-0                               | 1.9 | Skin Corr. 1B, H314<br>Eye Dam. 1, H318                                                                                                                 |

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| Name                                                 | Product identifier                                                     | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                                           |
|------------------------------------------------------|------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| anisaldehyde                                         | CAS-No.: 123-11-5<br>EC-No.: 204-602-6                                 | 1.5   | Repr. 2, H361<br>Aquatic Chronic 3, H412                                                                                                                                                  |
| 2,6-dimethylheptan-2-ol                              | CAS-No.: 13254-34-7<br>EC-No.: 236-244-1                               | 1.4   | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319                                                                                                                                                 |
| 2-ethyl-3-hydroxy-4-pyrone                           | CAS-No.: 4940-11-8<br>EC-No.: 225-582-5                                | 1     | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)                                                                                                                                      |
| Eugenol                                              | CAS-No.: 97-53-0<br>EC-No.: 202-589-1                                  | 0.77  | Eye Irrit. 2, H319<br>Skin Sens. 1B, H317                                                                                                                                                 |
| pentadecan-15-olide                                  | CAS-No.: 106-02-5<br>EC-No.: 203-354-6                                 | 0.77  | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                                                                                                                                            |
| 2,4-dimethylcyclohex-3-ene-1-carbaldehyde            | CAS-No.: 68039-49-6<br>EC-No.: 268-264-1<br>EC Index-No.: 605-043-00-4 | 0.74  | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                                                                                                                     |
| $\alpha,\alpha,4$ -trimethylcyclohexylmethyl acetate | CAS-No.: 80-25-1<br>EC-No.: 201-264-1                                  | 0.62  | Eye Irrit. 2, H319<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                                                                                                                      |
| linalyl acetate                                      | CAS-No.: 115-95-7<br>EC-No.: 204-116-4                                 | 0.38  | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317                                                                                                                          |
| Heptanoate d'allyle                                  | CAS-No.: 142-19-8<br>EC-No.: 205-527-1                                 | 0.38  | Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight)<br>Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight)<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                        |
| 3,5-dimethylcyclohex-3-ene-1-carbaldehyde            | CAS-No.: 68039-48-5<br>EC-No.: 268-263-6<br>EC Index-No.: 605-043-00-4 | 0.18  | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411                                                                                                                      |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one  | CAS-No.: 57378-68-4<br>EC-No.: 260-709-8                               | 0.15  | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Skin Irrit. 2, H315<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                                    |
| ethyl 2,3-epoxy-3-phenylbutyrate                     | CAS-No.: 77-83-8<br>EC-No.: 201-061-8                                  | 0.15  | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                                                                                                                                            |
| allyl 3-cyclohexylpropionate                         | CAS-No.: 2705-87-5<br>EC-No.: 220-292-5                                | 0.15  | Acute Tox. 4 (Oral), H302 (ATE=380 mg/kg bodyweight)<br>Acute Tox. 4 (Dermal), H312 (ATE=1600 mg/kg bodyweight)<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411 |
| cinnamaldehyde                                       | CAS-No.: 104-55-2<br>EC-No.: 203-213-9<br>EC Index-No.: 606-155-00-6   | 0.061 | Acute Tox. 4 (Dermal), H312 (ATE=1260 mg/kg bodyweight)<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1A, H317<br>Aquatic Chronic 3, H412                                    |

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| Name                                                     | Product identifier                       | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                          |
|----------------------------------------------------------|------------------------------------------|-------|----------------------------------------------------------------------------------------------------------|
| 1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one | CAS-No.: 23696-85-7<br>EC-No.: 245-833-2 | 0.023 | Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315<br>Skin Sens. 1A, H317<br>Aquatic Chronic 2, H411 |

| Specific concentration limits: |                                                                      |                                      |
|--------------------------------|----------------------------------------------------------------------|--------------------------------------|
| Name                           | Product identifier                                                   | Specific concentration limits (%)    |
| cinnamaldehyde                 | CAS-No.: 104-55-2<br>EC-No.: 203-213-9<br>EC Index-No.: 606-155-00-6 | (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            | : If you feel unwell, seek medical advice.                                                                                                                                       |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                                                                                                                 |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.                                               |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.                                                                                                                           |
| Self protection of the first-aiders   | : First-aiders should pay attention to their own protection and use the recommended personal protective equipment (see section 8).                                               |

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

|                                     |                                                    |
|-------------------------------------|----------------------------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions.                    |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : Eye irritation.                                  |
| Symptoms/effects after ingestion    | : None under normal conditions.                    |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

### 5.2. Special hazards arising from the substance or mixture

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Fire hazard                                      | : No fire hazard.              |
| Explosion hazard                                 | : No direct explosion hazard.  |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

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### 5.3. Advice for firefighters

- |                                |   |                                                                                                                                                     |
|--------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : | Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : | Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

## SECTION 6: Accidental release measures

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

- |                                    |   |                                                                                                                                                           |
|------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| General measures                   | : | Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.                     |
| <b>For non-emergency personnel</b> |   |                                                                                                                                                           |
| Protective equipment               | : | Wear recommended personal protective equipment.                                                                                                           |
| Emergency procedures               | : | Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.                                              |
| <b>For emergency responders</b>    |   |                                                                                                                                                           |
| Protective equipment               | : | Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures               | : | Evacuate unnecessary personnel. Stop leak if safe to do so.                                                                                               |

### 6.2. Environmental precautions

Avoid release to the environment.

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

- |                         |   |                                                                                                                                                                                     |
|-------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : | Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. |
| Methods for cleaning up | : | Take up liquid spill into absorbent material.                                                                                                                                       |
| Other information       | : | Dispose of materials or solid residues at an authorized site.                                                                                                                       |

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- |                                   |   |                                                                                                                                                                                                                   |
|-----------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional hazards when processed | : | Not expected to present a significant hazard under anticipated conditions of normal use.                                                                                                                          |
| Precautions for safe handling     | : | Ensure good ventilation of the work station. 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

- |                     |   |                                                                           |
|---------------------|---|---------------------------------------------------------------------------|
| Technical measures  | : | Keep in a cool, well-ventilated place away from heat.                     |
| Storage conditions  | : | Keep cool. Protect from sunlight.                                         |
| Packaging materials | : | Always store product in container of same material as original container. |

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Personal protection equipment

##### Personal protective equipment:

Wear recommended personal protective equipment.

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



##### Eye and face protection

##### Eye protection:

Safety glasses

##### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

##### Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

##### Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

### SECTION 9: Physical and chemical properties

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

|                                                 |                              |
|-------------------------------------------------|------------------------------|
| Physical state                                  | : Liquid                     |
| Colour                                          | : Colourless. Yellow. Green. |
| Odour                                           | : Fruity. Spicy.             |
| Odour threshold                                 | : Not available              |
| Melting point                                   | : Not applicable             |
| Freezing point                                  | : Not available              |
| Boiling point                                   | : Not available              |
| Flammability                                    | : Non flammable              |
| Lower explosion limit                           | : Not available              |
| Upper explosion limit                           | : Not available              |
| Flash point                                     | : 92 °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              |

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|                                 |                  |
|---------------------------------|------------------|
| Vapour pressure at 50°C         | : Not available  |
| Density                         | : Not available  |
| Relative density                | : 0.955          |
| 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

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                             |                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------|
| Acute toxicity (oral)       | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (dermal)     | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : Not classified (Based on available data, the classification criteria are not met) |

| 1,4-dioxacycloheptadecane-5,17-dione (105-95-3) |                                                                                                               |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| LD50 oral rat                                   | > 5000 mg/kg bodyweight Animal: rat                                                                           |
| LD50 dermal rabbit                              | > 5000 mg/kg bodyweight Animal: rabbit                                                                        |
| Alcool benzylique (100-51-6)                    |                                                                                                               |
| LD50 oral                                       | 1580 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1410 - 1770 |
| LD50 dermal rabbit                              | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity)                   |
| LC50 Inhalation - Rat                           | > 4.178 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)                       |
| benzyl benzoate (120-51-4)                      |                                                                                                               |
| LD50 oral rat                                   | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)                      |

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|                                               |                                                                                                                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>α-methylcinnamaldehyde (101-39-3)</b>      |                                                                                                                                                                                                     |
| LD50 oral rat                                 | 275.34 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:                                                                                                                          |
| LD50 dermal rat                               | 293 mg/kg bodyweight Animal: rat, Guideline: other:                                                                                                                                                 |
| <b>undecan-4-olide (104-67-6)</b>             |                                                                                                                                                                                                     |
| LD50 dermal rat                               | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                                                                                                          |
| <b>coumarin (91-64-5)</b>                     |                                                                                                                                                                                                     |
| LD50 oral rat                                 | 293 mg/kg bodyweight Animal: rat, Guideline: other:                                                                                                                                                 |
| LD50 dermal rat                               | 293 mg/kg bodyweight Animal: rat, Guideline: other:                                                                                                                                                 |
| <b>ethyl vanillin (121-32-4)</b>              |                                                                                                                                                                                                     |
| LD50 oral rat                                 | > 3160 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)                                                                                                            |
| LD50 dermal rat                               | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                                                                                                          |
| <b>3-phenylpropan-1-ol (122-97-4)</b>         |                                                                                                                                                                                                     |
| LD50 oral rat                                 | 6800 mg/kg bodyweight Animal: rat                                                                                                                                                                   |
| LD50 dermal rabbit                            | > 2000 mg/kg bodyweight Animal: rabbit                                                                                                                                                              |
| <b>anisaldehyde (123-11-5)</b>                |                                                                                                                                                                                                     |
| LD50 oral rat                                 | 3210 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2755 - 3600                                                                                         |
| LD50 dermal rabbit                            | > 5000 mg/kg bodyweight Animal: rabbit                                                                                                                                                              |
| <b>2-ethyl-3-hydroxy-4-pyrone (4940-11-8)</b> |                                                                                                                                                                                                     |
| LD50 oral rat                                 | ≈ 1220 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1000 - 1440                                                                                       |
| LD50 dermal rabbit                            | > 5000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                                                                                                       |
| <b>Eugenol (97-53-0)</b>                      |                                                                                                                                                                                                     |
| LD50 oral rat                                 | > 2000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)                                                               |
| LD50 oral                                     | 1500 – 1500 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)                                                        |
| <b>pentadecan-15-olide (106-02-5)</b>         |                                                                                                                                                                                                     |
| LD50 oral rat                                 | > 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method), Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method) |
| LD50 dermal rat                               | > 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                                                      |
| <b>linalyl acetate (115-95-7)</b>             |                                                                                                                                                                                                     |
| LD50 oral rat                                 | > 9000 mg/kg bodyweight Animal: rat                                                                                                                                                                 |
| LD50 dermal rabbit                            | > 5000 mg/kg bodyweight Animal: rabbit                                                                                                                                                              |
| <b>Heptanoate d'allyle (142-19-8)</b>         |                                                                                                                                                                                                     |
| LD50 oral rat                                 | 218 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)                                                                                                               |



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|                                                   |                                                                                                                                                |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Heptanoate d'allyle (142-19-8)</b>             |                                                                                                                                                |
| LD50 dermal rabbit                                | 810 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                                                     |
| <b>ethyl 2,3-epoxy-3-phenylbutyrate (77-83-8)</b> |                                                                                                                                                |
| LD50 dermal rat                                   | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)) |
| <b>allyl 3-cyclohexylpropionate (2705-87-5)</b>   |                                                                                                                                                |
| LD50 oral rat                                     | 585 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 480 - 714                                       |
| LD50 oral                                         | 380 mg/kg bodyweight Animal: guinea pig, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 172 - 834                                |
| LD50 dermal rabbit                                | 1600 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 430 - 2770                                |
| <b>cinnamaldehyde (104-55-2)</b>                  |                                                                                                                                                |
| LD50 oral rat                                     | 2220 mg/kg bodyweight Animal: rat, Guideline: other., 95% CL: 1910 - 2600                                                                      |
| LD50 oral                                         | 3400 mg/kg bodyweight Animal: guinea pig, Guideline: other:                                                                                    |
| LD50 dermal rat                                   | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                                                     |
| LD50 dermal rabbit                                | 1260 mg/kg bodyweight Animal: rabbit, Guideline: other:                                                                                        |
| LC50 Inhalation - Rat [ppm]                       | 68.88871 ppm Animal: rat, Guideline: other:                                                                                                    |
| 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 (Based on available data, the classification criteria are not met)                                                            |
| Carcinogenicity                                   | : Not classified (Based on available data, the classification criteria are not met)                                                            |
| <b>undecan-4-olide (104-67-6)</b>                 |                                                                                                                                                |
| NOAEL (chronic, oral, animal/male, 2 years)       | 225 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 451 (Carcinogenicity Studies)                                    |
| NOAEL (chronic, oral, animal/female, 2 years)     | 450 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 451 (Carcinogenicity Studies)                                  |
| Reproductive toxicity                             | : Not classified (Based on available data, the classification criteria are not met)                                                            |
| <b>α-methylcinnamaldehyde (101-39-3)</b>          |                                                                                                                                                |
| NOAEL (animal/male, F0/P)                         | 125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: other:                                                                          |
| NOAEL (animal/female, F0/P)                       | > 333 mg/kg bodyweight Animal: rat, Animal sex: female                                                                                         |
| NOAEL (animal/female, F1)                         | 1200 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: other:                                                                     |
| <b>coumarin (91-64-5)</b>                         |                                                                                                                                                |
| NOAEL (animal/female, F0/P)                       | > 333 mg/kg bodyweight Animal: rat, Animal sex: female                                                                                         |
| <b>ethyl vanillin (121-32-4)</b>                  |                                                                                                                                                |
| NOAEL (animal/female, F0/P)                       | 500 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)     |
| STOT-single exposure                              | : Not classified (Based on available data, the classification criteria are not met)                                                            |
| STOT-repeated exposure                            | : Not classified (Based on available data, the classification criteria are not met)                                                            |

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|                                                                                                       |                                                                                                                          |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>1,4-dioxacycloheptadecane-5,17-dione (105-95-3)</b>                                                |                                                                                                                          |
| NOAEL (oral, rat, 90 days)                                                                            | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)   |
| <b>Alcool benzylique (100-51-6)</b>                                                                   |                                                                                                                          |
| NOAEL (oral, rat, 90 days)                                                                            | 400 mg/kg bodyweight Animal: rat, Guideline: other:                                                                      |
| <b>benzyl benzoate (120-51-4)</b>                                                                     |                                                                                                                          |
| NOAEL (dermal, rat/rabbit, 90 days)                                                                   | 781 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)         |
| <b>α-methylcinnamaldehyde (101-39-3)</b>                                                              |                                                                                                                          |
| NOAEL (subchronic, oral, animal/female, 90 days)                                                      | > 138.3 mg/kg bodyweight Animal: mouse, Animal sex: female                                                               |
| <b>coumarin (91-64-5)</b>                                                                             |                                                                                                                          |
| NOAEL (subchronic, oral, animal/female, 90 days)                                                      | > 138.3 mg/kg bodyweight Animal: mouse, Animal sex: female                                                               |
| <b>anisaldehyde (123-11-5)</b>                                                                        |                                                                                                                          |
| NOAEL (oral, rat, 90 days)                                                                            | 100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)    |
| <b>2-ethyl-3-hydroxy-4-pyrone (4940-11-8)</b>                                                         |                                                                                                                          |
| NOAEL (oral, rat, 90 days)                                                                            | ≥ 200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)  |
| <b>Eugenol (97-53-0)</b>                                                                              |                                                                                                                          |
| NOAEL (subchronic, oral, animal/male, 90 days)                                                        | ≥ 900 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: other:                                                |
| NOAEL (subchronic, oral, animal/female, 90 days)                                                      | 450 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: other:                                                |
| <b>pentadecan-15-olide (106-02-5)</b>                                                                 |                                                                                                                          |
| NOAEL (oral, rat, 90 days)                                                                            | ≥ 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| <b>linalyl acetate (115-95-7)</b>                                                                     |                                                                                                                          |
| NOAEL (dermal, rat/rabbit, 90 days)                                                                   | 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)               |
| <b>ethyl 2,3-epoxy-3-phenylbutyrate (77-83-8)</b>                                                     |                                                                                                                          |
| NOAEL (oral, rat, 90 days)                                                                            | 500 mg/kg bodyweight Animal: rat                                                                                         |
| NOAEL (dermal, rat/rabbit, 90 days)                                                                   | > 1000 mg/kg bodyweight Animal: rat, Guideline: other:                                                                   |
| <b>cinnamaldehyde (104-55-2)</b>                                                                      |                                                                                                                          |
| NOAEL (oral, rat, 90 days)                                                                            | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)   |
| Aspiration hazard : Not classified (Based on available data, the classification criteria are not met) |                                                                                                                          |
| <b>Alcool benzylique (100-51-6)</b>                                                                   |                                                                                                                          |
| Viscosity, kinematic                                                                                  | 4.851 mm²/s                                                                                                              |
| <b>undecan-4-olide (104-67-6)</b>                                                                     |                                                                                                                          |
| Viscosity, kinematic                                                                                  | < 10.621 mm²/s                                                                                                           |
| <b>Heptanoate d'allyle (142-19-8)</b>                                                                 |                                                                                                                          |
| Viscosity, kinematic                                                                                  | 1.7 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'                                                      |

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### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)  
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

#### 1,4-dioxacycloheptadecane-5,17-dione (105-95-3)

|                      |                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 1.23 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                     |
| LC50 - Fish [2]      | 2.13 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                     |
| EC50 72h - Algae [1] | > 6.94 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 72h - Algae [2] | 14.579 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 96h - Algae [1] | 0.788 mg/l Test organisms (species): other:                                                            |

#### Alcool benzylique (100-51-6)

|                      |                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 460 mg/l Test organisms (species): Pimephales promelas                                                                                   |
| EC50 - Crustacea [1] | 230 mg/l Test organisms (species): Daphnia magna                                                                                         |
| EC50 72h - Algae [1] | 770 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2] | 500 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [1] | 76.828 mg/l Test organisms (species): other:                                                                                             |
| NOEC chronic fish    | 48.897 mg/l Test organisms (species): other: Duration: '30 d'                                                                            |

#### benzyl benzoate (120-51-4)

|                      |                                                                                    |
|----------------------|------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 2.32 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| EC50 - Crustacea [1] | 3.09 mg/l Test organisms (species): Daphnia magna                                  |

#### α-methylcinnamaldehyde (101-39-3)

|                      |                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 2.94 mg/l Test organisms (species):                                                                    |
| LC50 - Fish [2]      | 1.324 mg/l Test organisms (species):                                                                   |
| EC50 - Crustacea [1] | 860 mg/l Test organisms (species): Daphnia magna                                                       |
| EC50 72h - Algae [1] | 197.96 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 96h - Algae [1] | 1.452 mg/l Test organisms (species):                                                                   |
| NOEC (chronic)       | 0.5 mg/l Test organisms (species): Duration: '21 d'                                                    |
| NOEC chronic fish    | 0.191 mg/l Test organisms (species): Duration: '30 d'                                                  |

#### undecan-4-olide (104-67-6)

|                      |                                                    |
|----------------------|----------------------------------------------------|
| EC50 - Crustacea [1] | 5.853 mg/l Test organisms (species): Daphnia magna |
|----------------------|----------------------------------------------------|

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|                                               |                                                                                                                                            |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>undecan-4-olide (104-67-6)</b>             |                                                                                                                                            |
| EC50 72h - Algae [1]                          | 7.218 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)                                | 1.83 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                         |
| NOEC (chronic)                                | 0.138 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                        |
| <b>coumarin (91-64-5)</b>                     |                                                                                                                                            |
| LC50 - Fish [1]                               | 2.94 mg/l Test organisms (species):                                                                                                        |
| LC50 - Fish [2]                               | 1.324 mg/l Test organisms (species):                                                                                                       |
| EC50 - Crustacea [1]                          | 8.012 mg/l Test organisms (species): Daphnia sp.                                                                                           |
| EC50 96h - Algae [1]                          | 1.452 mg/l Test organisms (species):                                                                                                       |
| NOEC (chronic)                                | 0.5 mg/l Test organisms (species): Duration: '21 d'                                                                                        |
| NOEC chronic fish                             | 0.191 mg/l Test organisms (species): Duration: '30 d'                                                                                      |
| <b>ethyl vanillin (121-32-4)</b>              |                                                                                                                                            |
| LC50 - Fish [1]                               | 87.6 mg/l Test organisms (species): Pimephales promelas                                                                                    |
| EC50 - Crustacea [1]                          | 26.2 mg/l Test organisms (species): Daphnia magna                                                                                          |
| EC50 72h - Algae [1]                          | > 100 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)                                | 10 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                           |
| NOEC (chronic)                                | 5.9 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                          |
| <b>3-phenylpropan-1-ol (122-97-4)</b>         |                                                                                                                                            |
| LC50 - Fish [1]                               | > 61 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                                                         |
| EC50 - Crustacea [1]                          | 60.6 mg/l Test organisms (species): Daphnia magna                                                                                          |
| EC50 - Crustacea [2]                          | 4.97 mg/l Test organisms (species): Daphnia magna                                                                                          |
| EC50 72h - Algae [1]                          | 109 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)   |
| <b>anisaldehyde (123-11-5)</b>                |                                                                                                                                            |
| LC50 - Fish [1]                               | 148.32 mg/l Test organisms (species): Leuciscus idus                                                                                       |
| EC50 - Crustacea [1]                          | 82.8 mg/l Test organisms (species): Daphnia magna                                                                                          |
| EC50 72h - Algae [1]                          | 68.4 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)  |
| LOEC (chronic)                                | 1.53 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                         |
| NOEC (chronic)                                | 0.71 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                         |
| <b>2,6-dimethylheptan-2-ol (13254-34-7)</b>   |                                                                                                                                            |
| LC50 - Fish [1]                               | 23.9 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                                                         |
| EC50 - Other aquatic organisms [1]            | 24.18 mg/l Test organisms (species):                                                                                                       |
| EC50 72h - Algae [1]                          | 23.77 mg/l Test organisms (species):                                                                                                       |
| <b>2-ethyl-3-hydroxy-4-pyrone (4940-11-8)</b> |                                                                                                                                            |
| LC50 - Fish [1]                               | > 85 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)                                                   |
| EC50 - Crustacea [1]                          | 27 mg/l Test organisms (species): Daphnia magna                                                                                            |

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|                                                   |                                                                                                                                          |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2-ethyl-3-hydroxy-4-pyrone (4940-11-8)</b>     |                                                                                                                                          |
| EC50 72h - Algae [1]                              | 7.2 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| <b>Eugenol (97-53-0)</b>                          |                                                                                                                                          |
| LC50 - Fish [1]                                   | 13 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                                                         |
| EC50 - Crustacea [1]                              | 1.05 mg/l Test organisms (species): Daphnia magna                                                                                        |
| <b>pentadecan-15-olide (106-02-5)</b>             |                                                                                                                                          |
| LC50 - Fish [1]                                   | > 0.797 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)                                              |
| LC50 - Fish [2]                                   | 2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)                                                    |
| EC50 - Crustacea [1]                              | > 0.17 mg/l Test organisms (species): Daphnia magna                                                                                      |
| EC50 72h - Algae [1]                              | 0.4 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                                      |
| EC50 72h - Algae [2]                              | > 0.47 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                                   |
| LOEC (chronic)                                    | 0.127 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                      |
| NOEC (chronic)                                    | 0.068 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                      |
| NOEC chronic fish                                 | 0.027 mg/l Test organisms (species): Pimephales promelas Duration: '33 d'                                                                |
| <b>linalyl acetate (115-95-7)</b>                 |                                                                                                                                          |
| LC50 - Fish [1]                                   | 11 mg/l Test organisms (species): Cyprinus carpio                                                                                        |
| EC50 - Crustacea [1]                              | 59 mg/l Test organisms (species): Daphnia magna                                                                                          |
| EC50 72h - Algae [1]                              | 13.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                                     |
| <b>Heptanoate d'allyle (142-19-8)</b>             |                                                                                                                                          |
| LC50 - Fish [1]                                   | 0.117 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                                                      |
| EC50 - Crustacea [1]                              | 0.89 mg/l Test organisms (species): Daphnia magna                                                                                        |
| EC50 72h - Algae [1]                              | > 4.6 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                                    |
| EC50 72h - Algae [2]                              | 0.778 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                                    |
| <b>ethyl 2,3-epoxy-3-phenylbutyrate (77-83-8)</b> |                                                                                                                                          |
| LC50 - Fish [1]                                   | 4.2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)                                                  |
| EC50 - Crustacea [1]                              | 52 mg/l Test organisms (species): Daphnia magna                                                                                          |
| EC50 72h - Algae [1]                              | 36 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)  |
| EC50 96h - Algae [1]                              | 42 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)  |
| <b>allyl 3-cyclohexylpropionate (2705-87-5)</b>   |                                                                                                                                          |
| LC50 - Fish [1]                                   | 0.13 mg/l Test organisms (species): Pimephales promelas                                                                                  |
| EC50 - Crustacea [1]                              | 3.8 mg/l Test organisms (species): Daphnia magna                                                                                         |
| EC50 72h - Algae [1]                              | 3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)   |

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|                                                 |                                                                                                                                          |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>allyl 3-cyclohexylpropionate (2705-87-5)</b> |                                                                                                                                          |
| EC50 72h - Algae [2]                            | 2.1 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| <b>cinnamaldehyde (104-55-2)</b>                |                                                                                                                                          |
| LC50 - Fish [1]                                 | 2.35 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                                                       |
| EC50 - Crustacea [1]                            | 119.5578 mg/l Test organisms (species): Daphnia magna                                                                                    |
| NOEC chronic fish                               | 15.159 mg/l Test organisms (species): other: Duration: '28 d'                                                                            |

### 12.2. Persistence and degradability

|                                                            |                        |
|------------------------------------------------------------|------------------------|
| <b>Scent pomme au four</b>                                 |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b>2-tert-butylcyclohexyl acetate (88-41-5)</b>            |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b>1,4-dioxacycloheptadecane-5,17-dione (105-95-3)</b>     |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b>Alcool benzylique (100-51-6)</b>                        |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b>benzyl benzoate (120-51-4)</b>                          |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b><math>\alpha</math>-methylcinnamaldehyde (101-39-3)</b> |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b>undecan-4-olide (104-67-6)</b>                          |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b>coumarin (91-64-5)</b>                                  |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b><math>\alpha</math>-hexylcinnamaldehyde (101-86-0)</b>  |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b>ethyl vanillin (121-32-4)</b>                           |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b>3-phenylpropan-1-ol (122-97-4)</b>                      |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b>anisaldehyde (123-11-5)</b>                             |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b>2,6-dimethylheptan-2-ol (13254-34-7)</b>                |                        |
| Persistence and degradability                              | Not rapidly degradable |
| <b>2-ethyl-3-hydroxy-4-pyrone (4940-11-8)</b>              |                        |
| Persistence and degradability                              | Not rapidly degradable |

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|                                                                                 |                        |
|---------------------------------------------------------------------------------|------------------------|
| <b>Eugenol (97-53-0)</b>                                                        |                        |
| Persistence and degradability                                                   | Not rapidly degradable |
| <b>pentadecan-15-olide (106-02-5)</b>                                           |                        |
| Persistence and degradability                                                   | Not rapidly degradable |
| <b>2,4-dimethylcyclohex-3-ene-1-carbaldehyde (68039-49-6)</b>                   |                        |
| Persistence and degradability                                                   | Not rapidly degradable |
| <b><math>\alpha,\alpha,4</math>-trimethylcyclohexylmethyl acetate (80-25-1)</b> |                        |
| Persistence and degradability                                                   | Not rapidly degradable |
| <b>linalyl acetate (115-95-7)</b>                                               |                        |
| Persistence and degradability                                                   | Not rapidly degradable |
| <b>Heptanoate d'allyle (142-19-8)</b>                                           |                        |
| Persistence and degradability                                                   | Not rapidly degradable |
| <b>3,5-dimethylcyclohex-3-ene-1-carbaldehyde (68039-48-5)</b>                   |                        |
| Persistence and degradability                                                   | Not rapidly degradable |
| <b>1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one (57378-68-4)</b>         |                        |
| Persistence and degradability                                                   | Not rapidly degradable |
| <b>ethyl 2,3-epoxy-3-phenylbutyrate (77-83-8)</b>                               |                        |
| Persistence and degradability                                                   | Not rapidly degradable |
| <b>allyl 3-cyclohexylpropionate (2705-87-5)</b>                                 |                        |
| Persistence and degradability                                                   | Not rapidly degradable |
| <b>cinnamaldehyde (104-55-2)</b>                                                |                        |
| Persistence and degradability                                                   | Not rapidly degradable |
| <b>1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one (23696-85-7)</b>    |                        |
| Persistence and degradability                                                   | Not rapidly degradable |

### 12.3. Bioaccumulative potential

No additional information available

### 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

No additional information available

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                                            |                                                                                                                                                                                                                                                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                                                                                                                                                                                      |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                                                                                                                                                   |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                                                                                                                                                                                      |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                                                                                                                                                                                      |
| Additional information                     | : Do not re-use empty containers.                                                                                                                                                                                                                               |
| Ecological waste information               | : The waste of the product should be considered as hazardous as the product itself, with the likelihood of impacting the environment in the same way. Consider the handling and disposal of the waste as defined by the product itself.                         |
| HP Code                                    | : HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.<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>     |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

#### 14.6. Special precautions for user

##### Overland transport

Not applicable

##### Transport by sea

Not applicable

##### Air transport

Not applicable

##### Inland waterway transport

Not applicable

##### Rail transport

Not applicable

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

Not applicable



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## Safety Data Sheet

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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)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

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

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

###### REACH Candidate List (SVHC)

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

###### PIC Regulation (Prior Informed Consent)

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

###### POP Regulation (Persistent Organic Pollutants)

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

###### Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 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

#### Abbreviations and acronyms:

|         |                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------|
| ACGIH   | American Conference of Governmental Industrial Hygienists                                       |
| ADN     | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE     | Acute Toxicity Estimate                                                                         |
| BCF     | Bioconcentration factor                                                                         |
| BLV     | Biological limit value                                                                          |
| BOD     | Biochemical oxygen demand (BOD)                                                                 |
| CAS-No. | Chemical Abstracts Service number                                                               |
| CLP     | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| COD     | Chemical oxygen demand (COD)                                                                    |
| CSA     | Chemical safety assessment                                                                      |
| DMEL    | Derived Minimal Effect level                                                                    |
| DNEL    | Derived-No Effect Level                                                                         |

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| Abbreviations and acronyms: |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| EC-No.                      | European Community number                                                    |
| EC50                        | Median effective concentration                                               |
| ED                          | Endocrine disruptor                                                          |
| EN                          | European Standard                                                            |
| EWC                         | European waste catalogue                                                     |
| IARC                        | International Agency for Research on Cancer                                  |
| IATA                        | International Air Transport Association                                      |
| IMDG                        | International Maritime Dangerous Goods                                       |
| LC50                        | Median lethal concentration                                                  |
| LD50                        | Median lethal dose                                                           |
| LOAEL                       | Lowest Observed Adverse Effect Level                                         |
| Log Kow                     | Partition coefficient n-octanol/water (Log Kow)                              |
| Log Pow                     | Partition coefficient n-octanol/water (Log Pow)                              |
| MAK                         | maximum workplace concentration                                              |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level                                             |
| NOEC                        | No-Observed Effect Concentration                                             |
| N.O.S.                      | Not Otherwise Specified                                                      |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit                                                  |
| OSHA                        | Occupational Safety & Health Administration                                  |
| PBT                         | Persistent Bioaccumulative Toxic                                             |
| PNEC                        | Predicted No-Effect Concentration                                            |
| PPE                         | Personal protection equipment                                                |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet                                                            |
| STP                         | Sewage treatment plant                                                       |
| TF                          | Technical function                                                           |
| ThOD                        | Theoretical oxygen demand (ThOD)                                             |
| TLM                         | Median Tolerance Limit                                                       |
| TWA                         | Time Weighted Average                                                        |
| VOC                         | Volatile Organic Compounds                                                   |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| UFI                         | Unique Formula Identifier                                                    |

| Full text of H- and EUH-statements: |                                     |
|-------------------------------------|-------------------------------------|
| Acute Tox. 3 (Dermal)               | Acute toxicity (dermal), Category 3 |
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral), Category 3   |
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4 |

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## Safety Data Sheet

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| Full text of H- and EUH-statements: |                                                                   |
|-------------------------------------|-------------------------------------------------------------------|
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4                               |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| Repr. 2                             | Reproductive toxicity, Category 2                                 |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B            |
| 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                                   |
| H301                                | Toxic if swallowed.                                               |
| H302                                | Harmful if swallowed.                                             |
| H311                                | Toxic in contact with skin.                                       |
| H312                                | Harmful in contact with skin.                                     |
| H314                                | Causes severe skin burns and eye damage.                          |
| 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.                                               |
| H361                                | Suspected of damaging fertility or the unborn child.              |
| 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.                |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: |      |                    |
|---------------------------------------------------------------------------------------------------------------------------|------|--------------------|
| Skin Irrit. 2                                                                                                             | H315 | Calculation method |
| Eye Irrit. 2                                                                                                              | H319 | Calculation method |
| Skin Sens. 1                                                                                                              | H317 | Calculation method |
| Aquatic Chronic 3                                                                                                         | H412 | Expert judgement   |

Safety Data Sheet (SDS), EU TDB

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.