



## Good Sense Summer Festival O1b

Revision: 2023-03-17

Version: 05.1

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

#### 1.1 Product identifier

**Trade name:** Good Sense Summer Festival O1b

UFI: N985-F0D3-5005-UPTG

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

|                              |                                                              |
|------------------------------|--------------------------------------------------------------|
| <b>Product use:</b>          | Odor Control - Instant action.<br>For professional use only. |
| <b>Uses advised against:</b> | Uses other than those identified are not recommended.        |

**SWED - Sector-specific worker exposure description :**

AISE\_SWED\_PW\_4\_1

AISE\_SWED\_PW\_11\_1

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

Diversey Europe Operations BV, Maarssenbroeksedijk 2, 3542DN Utrecht, The Netherlands

#### Contact details

Diversey Ltd

Weston Favell Centre, Northampton NN3 8PD, United Kingdom

Tel: 01604 405311, Fax: 01604 406809

Regulatory Email: customerservice.uk@diversey.com

#### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)

For medical or environmental emergency only:

call 0800 052 0185

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Aerosol 1 (H222)

#### 2.2 Label elements



**Signal word:** Danger.

Contains citronellol (Citronellol), benzyl salicylate (Benzyl Salicylate), geraniol (Geraniol), 3-p-cumenyl-2-methylpropionaldehyde (Cyclamen Aldehyde), alpha-hexylcinnamaldehyde (Hexyl Cinnamal)

#### Hazard statements:

H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

EUH208 - May produce an allergic reaction.

#### Precautionary statements:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

#### 2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

| Ingredient(s)                                       | EC number | CAS number | REACH number     | Classification                                                             | Notes | Weight percent |
|-----------------------------------------------------|-----------|------------|------------------|----------------------------------------------------------------------------|-------|----------------|
| dimethyl ether                                      | 204-065-8 | 115-10-6   | 01-2119472128-37 | Flam. Gas 1 (H220)<br>Press. Gas (Comp.) (H280)                            |       | >= 75          |
| ethanol                                             | 200-578-6 | 64-17-5    | 01-2119457610-43 | Flam. Liq. 2 (H225)                                                        |       | 10-20          |
| 2-phenylethanol                                     | 200-456-2 | 60-12-8    | 01-2119963921-31 | Acute Tox. 3 (H311)<br>Acute Tox. 4 (H302)<br>Eye Irrit. 2 (H319)          |       | 0.1-1          |
| citronellol                                         | 203-375-0 | 106-22-9   | 01-2119453995-23 | Skin Irrit. 2 (H315)<br>Skin Sens. 1B (H317)<br>Aquatic Chronic 2 (H411)   |       | 0.1-1          |
| benzyl salicylate                                   | 204-262-9 | 118-58-1   | 01-2119969442-31 | Eye Irrit. 2 (H319)<br>Skin Sens. 1B (H317)<br>Aquatic Chronic 2 (H411)    |       | 0.1-1          |
| geraniol                                            | 203-377-1 | 106-24-1   | 01-2119552430-49 | Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>Skin Sens. 1 (H317)           |       | 0.1-1          |
| nerol                                               | 203-378-7 | 106-25-2   | 01-2119983244-33 | Skin Irrit. 2 (H315)                                                       |       | 0.1-1          |
| 3-p-cumenyl-2-methylpropionaldehyde                 | 203-161-7 | 103-95-7   | 01-2119970582-32 | Skin Irrit. 2 (H315)<br>Skin Sens. 1B (H317)<br>Aquatic Chronic 2 (H411)   |       | 0.1-1          |
| alpha-hexylcinnamaldehyde                           | 202-983-3 | 101-86-0   | 01-2119533092-50 | Skin Sens. 1B (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 2 (H411) |       | 0.1-1          |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | 260-709-8 | 57378-68-4 | 01-2119535122-53 | Skin Sens. 1 (H317)                                                        |       | 0.01-0.1       |

#### Specific concentration limits

dimethyl ether:

- Aerosol 1 (H222) >= 5%

ethanol:

- Aerosol 1 (H222) >= 35%

Propan-2-ol:

- Aerosol 1 (H222) >= 35%

butanone:

- Aerosol 1 (H222) >= 5%

Workplace exposure limit(s), if available, are listed in subsection 8.1.

For the full text of the H and EUH phrases mentioned in this Section, see Section 16.

ATE, if available, are listed in section 11..

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**Inhalation:**

Get medical attention or advice if you feel unwell.

**Skin contact:**

Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.

**Eye contact:**

Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical attention.

**Ingestion:**

Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.

**Self-protection of first aider:**

Consider personal protective equipment as indicated in subsection 8.2.

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

**Inhalation:**

No known effects or symptoms in normal use.

**Skin contact:**

Direct contact can damage skin by freezing.

**Eye contact:**

Direct contact can damage the eye by freezing.

**Ingestion:**

No known effects or symptoms in normal use.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Carbon dioxide. Dry powder. Sand. Alcohol-resistant foam. Do not use water.

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

No special hazards known.

### 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

## SECTION 6: Accidental release measures

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

No special measures required.

### 6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water.

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

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

### 6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Measures to prevent fire and explosions:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50° C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Use non-sparking tools.

#### Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

#### Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Handle and open container with care. Do not mix with other products unless advised by Diversey. Wash hands before breaks and at the end of workday. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. Keep away from heat and direct sunlight.

For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

Comah - Lower Tier requirements (tonnes): 150

Comah - Upper Tier requirements (tonnes): 500

### 7.3 Specific end use(s)

No specific advice for end use available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Workplace exposure limits

Air limit values, if available:

| Ingredient(s)  | UK - Long term value(s)            | UK - Short term value(s)           |
|----------------|------------------------------------|------------------------------------|
| dimethyl ether | 400 ppm<br>766 mg/m <sup>3</sup>   | 500 ppm<br>958 mg/m <sup>3</sup>   |
| ethanol        | 1000 ppm<br>1920 mg/m <sup>3</sup> | 3000 ppm<br>5760 mg/m <sup>3</sup> |

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

DNEL/DMEL and PNEC values

**Human exposure**

DNEL/DMEL oral exposure - Consumer (mg/kg bw)

| Ingredient(s)                                       | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|-----------------------------------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| dimethyl ether                                      | -                          | -                             | -                         | -                            |
| ethanol                                             | -                          | -                             | -                         | 87                           |
| 2-phenylethanol                                     | No data available          | No data available             | No data available         | No data available            |
| citronellol                                         | No data available          | No data available             | No data available         | No data available            |
| benzyl salicylate                                   | No data available          | No data available             | No data available         | No data available            |
| geraniol                                            | No data available          | No data available             | No data available         | No data available            |
| nerol                                               | No data available          | No data available             | No data available         | No data available            |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available          | No data available             | No data available         | No data available            |
| alpha-hexylcinnamaldehyde                           | No data available          | No data available             | No data available         | No data available            |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available          | No data available             | No data available         | No data available            |

DNEL/DMEL dermal exposure - Worker

| Ingredient(s)                                       | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|-----------------------------------------------------|----------------------------|------------------------------------------|---------------------------|-----------------------------------------|
| dimethyl ether                                      | No data available          | -                                        | No data available         | -                                       |
| ethanol                                             | -                          | -                                        | -                         | 343                                     |
| 2-phenylethanol                                     | No data available          | No data available                        | No data available         | No data available                       |
| citronellol                                         | No data available          | No data available                        | No data available         | No data available                       |
| benzyl salicylate                                   | No data available          | No data available                        | No data available         | No data available                       |
| geraniol                                            | No data available          | No data available                        | No data available         | No data available                       |
| nerol                                               | No data available          | No data available                        | No data available         | No data available                       |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available          | No data available                        | No data available         | No data available                       |
| alpha-hexylcinnamaldehyde                           | No data available          | No data available                        | No data available         | No data available                       |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available          | No data available                        | No data available         | No data available                       |

DNEL/DMEL dermal exposure - Consumer

| Ingredient(s)                                       | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|-----------------------------------------------------|----------------------------|------------------------------------------|---------------------------|-----------------------------------------|
| dimethyl ether                                      | No data available          | -                                        | No data available         | -                                       |
| ethanol                                             | -                          | -                                        | -                         | 206                                     |
| 2-phenylethanol                                     | No data available          | No data available                        | No data available         | No data available                       |
| citronellol                                         | No data available          | No data available                        | No data available         | No data available                       |
| benzyl salicylate                                   | No data available          | No data available                        | No data available         | No data available                       |
| geraniol                                            | No data available          | No data available                        | No data available         | No data available                       |
| nerol                                               | No data available          | No data available                        | No data available         | No data available                       |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available          | No data available                        | No data available         | No data available                       |
| alpha-hexylcinnamaldehyde                           | No data available          | No data available                        | No data available         | No data available                       |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available          | No data available                        | No data available         | No data available                       |

DNEL/DMEL inhalatory exposure - Worker (mg/m<sup>3</sup>)

| Ingredient(s)                                       | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|-----------------------------------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| dimethyl ether                                      | -                          | -                             | -                         | 1894                         |
| ethanol                                             | 1900                       | -                             | -                         | 950                          |
| 2-phenylethanol                                     | No data available          | No data available             | No data available         | No data available            |
| citronellol                                         | No data available          | No data available             | No data available         | No data available            |
| benzyl salicylate                                   | No data available          | No data available             | No data available         | No data available            |
| geraniol                                            | No data available          | No data available             | No data available         | No data available            |
| nerol                                               | No data available          | No data available             | No data available         | No data available            |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available          | No data available             | No data available         | No data available            |
| alpha-hexylcinnamaldehyde                           | No data available          | No data available             | No data available         | No data available            |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available          | No data available             | No data available         | No data available            |

DNEL/DMEL inhalatory exposure - Consumer (mg/m<sup>3</sup>)

| Ingredient(s)                       | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|-------------------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| dimethyl ether                      | -                          | -                             | -                         | 471                          |
| ethanol                             | 950                        | -                             | -                         | 114                          |
| 2-phenylethanol                     | No data available          | No data available             | No data available         | No data available            |
| citronellol                         | No data available          | No data available             | No data available         | No data available            |
| benzyl salicylate                   | No data available          | No data available             | No data available         | No data available            |
| geraniol                            | No data available          | No data available             | No data available         | No data available            |
| nerol                               | No data available          | No data available             | No data available         | No data available            |
| 3-p-cumenyl-2-methylpropionaldehyde | No data available          | No data available             | No data available         | No data available            |
| alpha-hexylcinnamaldehyde           | No data available          | No data available             | No data available         | No data available            |

|                                                     |                   |                   |                   |                   |
|-----------------------------------------------------|-------------------|-------------------|-------------------|-------------------|
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available | No data available | No data available | No data available |
|-----------------------------------------------------|-------------------|-------------------|-------------------|-------------------|

**Environmental exposure**

Environmental exposure - PNEC

| Ingredient(s)                                       | Surface water, fresh (mg/l) | Surface water, marine (mg/l) | Intermittent (mg/l) | Sewage treatment plant (mg/l) |
|-----------------------------------------------------|-----------------------------|------------------------------|---------------------|-------------------------------|
| dimethyl ether                                      | 0.155                       | 0.016                        | 1.549               | 160                           |
| ethanol                                             | 0.96                        | 0.79                         | 2.75                | 580                           |
| 2-phenylethanol                                     | No data available           | No data available            | No data available   | No data available             |
| citronellol                                         | No data available           | No data available            | No data available   | No data available             |
| benzyl salicylate                                   | No data available           | No data available            | No data available   | No data available             |
| geraniol                                            | No data available           | No data available            | No data available   | No data available             |
| nerol                                               | No data available           | No data available            | No data available   | No data available             |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available           | No data available            | No data available   | No data available             |
| alpha-hexylcinnamaldehyde                           | No data available           | No data available            | No data available   | No data available             |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available           | No data available            | No data available   | No data available             |

Environmental exposure - PNEC, continued

| Ingredient(s)                                       | Sediment, freshwater (mg/kg) | Sediment, marine (mg/kg) | Soil (mg/kg)      | Air (mg/m³)       |
|-----------------------------------------------------|------------------------------|--------------------------|-------------------|-------------------|
| dimethyl ether                                      | 0.681                        | 0.069                    | 0.045             | -                 |
| ethanol                                             | 3.6                          | 2.9                      | 0.63              | -                 |
| 2-phenylethanol                                     | No data available            | No data available        | No data available | No data available |
| citronellol                                         | No data available            | No data available        | No data available | No data available |
| benzyl salicylate                                   | No data available            | No data available        | No data available | No data available |
| geraniol                                            | No data available            | No data available        | No data available | No data available |
| nerol                                               | No data available            | No data available        | No data available | No data available |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available            | No data available        | No data available | No data available |
| alpha-hexylcinnamaldehyde                           | No data available            | No data available        | No data available | No data available |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available            | No data available        | No data available | No data available |

**8.2 Exposure controls**

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet.

If available, please refer to the product information sheet for application and handling instructions.

Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

**Appropriate engineering controls:** Provide a good standard of general ventilation.  
**Appropriate organisational controls:** Avoid direct contact and/or splashes where possible. Train personnel.

**REACH use scenarios considered for the undiluted product:**

|                                             | SWED - Sector-specific worker exposure description | LCS | PROC    | Duration (min) | ERC   |
|---------------------------------------------|----------------------------------------------------|-----|---------|----------------|-------|
| Spray application                           | AISE_SWED_PW_11_1                                  | PW  | PROC 11 | 60             | ERC8a |
| Automatic application in a dedicated system | AISE_SWED_PW_4_1                                   | PW  | PROC 4  | 480            | ERC8a |

**Personal protective equipment**

**Eye / face protection:** Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 166).

**Hand protection:** No special requirements under normal use conditions.

**Body protection:** No special requirements under normal use conditions.

**Respiratory protection:** No special requirements under normal use conditions.

**Environmental exposure controls:** No special requirements under normal use conditions.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Information in this section refers to the product, unless it is specifically stated that substance data is listed

**Method / remark**

**Physical state:** Liquid

**Colour:** Clear , Not determined

**Odour:** Perfumed

**Odour threshold:** Not applicable

## Good Sense Summer Festival O1b

**Melting point/freezing point (°C):** Not determined  
**Initial boiling point and boiling range (°C):** Not determined

Not relevant to classification of this product  
 See substance data

## Substance data, boiling point

| Ingredient(s)                                       | Value (°C)        | Method           | Atmospheric pressure (hPa) |
|-----------------------------------------------------|-------------------|------------------|----------------------------|
| dimethyl ether                                      | -24.8             |                  |                            |
| ethanol                                             | 78.4              | Method not given |                            |
| 2-phenylethanol                                     | No data available |                  |                            |
| citronellol                                         | No data available |                  |                            |
| benzyl salicylate                                   | No data available |                  |                            |
| geraniol                                            | No data available |                  |                            |
| nerol                                               | No data available |                  |                            |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available |                  |                            |
| alpha-hexylcinnamaldehyde                           | No data available |                  |                            |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |                  |                            |

## Method / remark

**Flammability (solid, gas):** Not applicable to liquids  
**Flammability (liquid):** Not applicable. Not flammable.  
**Flash point (°C):** Not applicable as product is an aerosol  
**Sustained combustion:** Not applicable.  
 (UN Manual of Tests and Criteria, section 32, L.2)

**Lower and upper explosion limit/flammability limit (%):** Not determined

See substance data

## Substance data, flammability or explosive limits, if available:

| Ingredient(s)  | Lower limit (% vol) | Upper limit (% vol) |
|----------------|---------------------|---------------------|
| dimethyl ether | 3.3                 | 26.2                |

## Method / remark

**Autoignition temperature:** Not determined  
**Decomposition temperature:** Not applicable.  
**pH:** Not applicable  
**Kinematic viscosity:** Not determined  
**Solubility in / Miscibility with water:** Not miscible or difficult to mix

## Substance data, solubility in water

| Ingredient(s)                                       | Value (g/l)       | Method | Temperature (°C) |
|-----------------------------------------------------|-------------------|--------|------------------|
| dimethyl ether                                      | 45.6              |        | 25               |
| ethanol                                             | No data available |        |                  |
| 2-phenylethanol                                     | No data available |        |                  |
| citronellol                                         | No data available |        |                  |
| benzyl salicylate                                   | No data available |        |                  |
| geraniol                                            | No data available |        |                  |
| nerol                                               | No data available |        |                  |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available |        |                  |
| alpha-hexylcinnamaldehyde                           | No data available |        |                  |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |        |                  |

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

## Method / remark

**Vapour pressure:** Not determined

See substance data

## Substance data, vapour pressure

| Ingredient(s)                                       | Value (Pa)        | Method           | Temperature (°C) |
|-----------------------------------------------------|-------------------|------------------|------------------|
| dimethyl ether                                      | 510000            |                  | 20               |
| ethanol                                             | 5800              | Method not given |                  |
| 2-phenylethanol                                     | No data available |                  |                  |
| citronellol                                         | No data available |                  |                  |
| benzyl salicylate                                   | No data available |                  |                  |
| geraniol                                            | No data available |                  |                  |
| nerol                                               | No data available |                  |                  |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available |                  |                  |
| alpha-hexylcinnamaldehyde                           | No data available |                  |                  |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |                  |                  |

## Good Sense Summer Festival O1b

**Relative density:**  $\approx 0.79$  (20 °C)  
**Relative vapour density:** Not determined.  
**Particle characteristics:** No data available.

**Method / remark**

OECD 109 (EU A.3)  
 Not relevant to classification of this product  
 Not applicable to liquids.

**9.2 Other information****9.2.1 Information with regard to physical hazard classes**

**Explosive properties:** Not explosive. Vapours may form explosive mixtures with air.

**Oxidising properties:** Not oxidising.

**Corrosion to metals:** Not corrosive

Not applicable to solids or gases

**9.2.2 Other safety characteristics**

No other relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

**10.2 Chemical stability**

Stable under normal storage and use conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known under normal storage and use conditions.

**10.4 Conditions to avoid**

None known under normal storage and use conditions.

**10.5 Incompatible materials**

None known under normal use conditions.

**10.6 Hazardous decomposition products**

None known under normal storage and use conditions.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Mixture data:.

**Relevant calculated ATE(s):**

ATE - Dermal (mg/kg): >2000

Substance data, where relevant and available, are listed below:.

**Acute toxicity**

Acute oral toxicity

| Ingredient(s)                                       | Endpoint         | Value (mg/kg)     | Species | Method            | Exposure time (h) | ATE (mg/kg)     |
|-----------------------------------------------------|------------------|-------------------|---------|-------------------|-------------------|-----------------|
| dimethyl ether                                      |                  | No data available |         |                   |                   | Not established |
| ethanol                                             | LD <sub>50</sub> | 5000              | Rat     | OECD 401 (EU B.1) |                   | Not established |
| 2-phenylethanol                                     | LD <sub>50</sub> | 1790              |         |                   |                   | 1790            |
| citronellol                                         |                  | No data available |         |                   |                   | 690000          |
| benzyl salicylate                                   | LD <sub>50</sub> | > 2000            |         | Method not given  |                   | Not established |
| geraniol                                            |                  | No data available |         |                   |                   | Not established |
| nerol                                               |                  | No data available |         |                   |                   | 2.9e+006        |
| 3-p-cumenyl-2-methylpropionaldehyde                 | LD <sub>50</sub> | > 3000            |         |                   |                   | 3850            |
| alpha-hexylcinnamaldehyde                           |                  | 3100              |         |                   |                   | Not established |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |                  | No data available |         |                   |                   | 810000          |

Acute dermal toxicity

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure | ATE |
|---------------|----------|-------|---------|--------|----------|-----|
|---------------|----------|-------|---------|--------|----------|-----|

|                                                     |                  | (mg/kg)           |        |                   | time (h) | (mg/kg)         |
|-----------------------------------------------------|------------------|-------------------|--------|-------------------|----------|-----------------|
| dimethyl ether                                      |                  | No data available |        |                   |          | Not established |
| ethanol                                             | LD <sub>50</sub> | > 10000           | Rabbit | OECD 402 (EU B.3) |          | Not established |
| 2-phenylethanol                                     | LD <sub>50</sub> | 2500              |        |                   |          | 2500            |
| citronellol                                         |                  | No data available |        |                   |          | 500000          |
| benzyl salicylate                                   |                  | No data available |        |                   |          | Not established |
| geraniol                                            |                  | No data available |        |                   |          | Not established |
| nerol                                               |                  | No data available |        |                   |          | Not established |
| 3-p-cumenyl-2-methylpropionaldehyde                 |                  | No data available |        |                   |          | Not established |
| alpha-hexylcinnamaldehyde                           |                  | No data available |        |                   |          | Not established |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |                  | No data available |        |                   |          | Not established |

## Acute inhalative toxicity

| Ingredient(s)                                       | Endpoint         | Value (mg/l)      | Species | Method             | Exposure time (h) |
|-----------------------------------------------------|------------------|-------------------|---------|--------------------|-------------------|
| dimethyl ether                                      | LC <sub>50</sub> | 309               | Rat     | Method not given   | 4                 |
| ethanol                                             | LC <sub>50</sub> | > 1800            | Rat     | Non guideline test | 4                 |
| 2-phenylethanol                                     |                  | No data available |         |                    |                   |
| citronellol                                         |                  | No data available |         |                    |                   |
| benzyl salicylate                                   |                  | No data available |         |                    |                   |
| geraniol                                            |                  | No data available |         |                    |                   |
| nerol                                               |                  | No data available |         |                    |                   |
| 3-p-cumenyl-2-methylpropionaldehyde                 |                  | No data available |         |                    |                   |
| alpha-hexylcinnamaldehyde                           |                  | No data available |         |                    |                   |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |                  | No data available |         |                    |                   |

## Acute inhalative toxicity, continued

| Ingredient(s)                                       | ATE - inhalation, dust (mg/l) | ATE - inhalation, mist (mg/l) | ATE - inhalation, vapour (mg/l) | ATE - inhalation, gas (mg/l) |
|-----------------------------------------------------|-------------------------------|-------------------------------|---------------------------------|------------------------------|
| dimethyl ether                                      | Not established               | Not established               | Not established                 | Not established              |
| ethanol                                             | Not established               | Not established               | Not established                 | Not established              |
| 2-phenylethanol                                     | Not established               | Not established               | Not established                 | Not established              |
| citronellol                                         | Not established               | Not established               | Not established                 | Not established              |
| benzyl salicylate                                   | Not established               | Not established               | Not established                 | Not established              |
| geraniol                                            | Not established               | Not established               | Not established                 | Not established              |
| nerol                                               | Not established               | Not established               | Not established                 | Not established              |
| 3-p-cumenyl-2-methylpropionaldehyde                 | Not established               | Not established               | Not established                 | Not established              |
| alpha-hexylcinnamaldehyde                           | Not established               | Not established               | Not established                 | Not established              |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | Not established               | Not established               | Not established                 | Not established              |

## Irritation and corrosivity

## Skin irritation and corrosivity

| Ingredient(s)                                       | Result            | Species | Method            | Exposure time |
|-----------------------------------------------------|-------------------|---------|-------------------|---------------|
| dimethyl ether                                      | No data available |         |                   |               |
| ethanol                                             | Not irritant      | Rabbit  | OECD 404 (EU B.4) |               |
| 2-phenylethanol                                     | No data available |         |                   |               |
| citronellol                                         | No data available |         |                   |               |
| benzyl salicylate                                   | No data available |         |                   |               |
| geraniol                                            | No data available |         |                   |               |
| nerol                                               | No data available |         |                   |               |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available |         |                   |               |
| alpha-hexylcinnamaldehyde                           | No data available |         |                   |               |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |         |                   |               |

## Eye irritation and corrosivity

| Ingredient(s)  | Result            | Species | Method | Exposure time |
|----------------|-------------------|---------|--------|---------------|
| dimethyl ether | No data available |         |        |               |

## Good Sense Summer Festival O1b

|                                                     |                   |        |                   |  |
|-----------------------------------------------------|-------------------|--------|-------------------|--|
|                                                     |                   |        |                   |  |
| ethanol                                             | Irritant          | Rabbit | OECD 405 (EU B.5) |  |
| 2-phenylethanol                                     | No data available |        |                   |  |
| citronellol                                         | No data available |        |                   |  |
| benzyl salicylate                                   | No data available |        |                   |  |
| geraniol                                            | No data available |        |                   |  |
| nerol                                               | No data available |        |                   |  |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available |        |                   |  |
| alpha-hexylcinnamaldehyde                           | No data available |        |                   |  |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |        |                   |  |

## Respiratory tract irritation and corrosivity

| Ingredient(s)                                       | Result            | Species | Method | Exposure time |
|-----------------------------------------------------|-------------------|---------|--------|---------------|
| dimethyl ether                                      | No data available |         |        |               |
| ethanol                                             | No data available |         |        |               |
| 2-phenylethanol                                     | No data available |         |        |               |
| citronellol                                         | No data available |         |        |               |
| benzyl salicylate                                   | No data available |         |        |               |
| geraniol                                            | No data available |         |        |               |
| nerol                                               | No data available |         |        |               |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available |         |        |               |
| alpha-hexylcinnamaldehyde                           | No data available |         |        |               |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |         |        |               |

## Sensitisation

## Sensitisation by skin contact

| Ingredient(s)                                       | Result            | Species | Method | Exposure time (h) |
|-----------------------------------------------------|-------------------|---------|--------|-------------------|
| dimethyl ether                                      | No data available |         |        |                   |
| ethanol                                             | Not sensitising   |         |        |                   |
| 2-phenylethanol                                     | No data available |         |        |                   |
| citronellol                                         | No data available |         |        |                   |
| benzyl salicylate                                   | No data available |         |        |                   |
| geraniol                                            | No data available |         |        |                   |
| nerol                                               | No data available |         |        |                   |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available |         |        |                   |
| alpha-hexylcinnamaldehyde                           | No data available |         |        |                   |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |         |        |                   |

## Sensitisation by inhalation

| Ingredient(s)                                       | Result            | Species | Method | Exposure time |
|-----------------------------------------------------|-------------------|---------|--------|---------------|
| dimethyl ether                                      | No data available |         |        |               |
| ethanol                                             | No data available |         |        |               |
| 2-phenylethanol                                     | No data available |         |        |               |
| citronellol                                         | No data available |         |        |               |
| benzyl salicylate                                   | No data available |         |        |               |
| geraniol                                            | No data available |         |        |               |
| nerol                                               | No data available |         |        |               |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available |         |        |               |
| alpha-hexylcinnamaldehyde                           | No data available |         |        |               |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |         |        |               |

## CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

## Mutagenicity

| Ingredient(s)                       | Result (in-vitro)                                  | Method (in-vitro)              | Result (in-vivo)  | Method (in-vivo) |
|-------------------------------------|----------------------------------------------------|--------------------------------|-------------------|------------------|
| dimethyl ether                      | No evidence of genotoxicity, negative test results | OECD 471 (EU B.12/13) OECD 473 | No data available |                  |
| ethanol                             | No data available                                  |                                | No data available |                  |
| 2-phenylethanol                     | No data available                                  |                                | No data available |                  |
| citronellol                         | No data available                                  |                                | No data available |                  |
| benzyl salicylate                   | No data available                                  |                                | No data available |                  |
| geraniol                            | No data available                                  |                                | No data available |                  |
| nerol                               | No data available                                  |                                | No data available |                  |
| 3-p-cumenyl-2-methylpropionaldehyde | No data available                                  |                                | No data available |                  |

## Good Sense Summer Festival O1b

|                                                     |                   |  |                   |  |
|-----------------------------------------------------|-------------------|--|-------------------|--|
| alpha-hexylcinnamaldehyde                           | No data available |  | No data available |  |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |  | No data available |  |

## Carcinogenicity

| Ingredient(s)                                       | Effect                                                 |
|-----------------------------------------------------|--------------------------------------------------------|
| dimethyl ether                                      | No evidence for carcinogenicity, negative test results |
| ethanol                                             | No data available                                      |
| 2-phenylethanol                                     | No data available                                      |
| citronellol                                         | No data available                                      |
| benzyl salicylate                                   | No data available                                      |
| geraniol                                            | No data available                                      |
| nerol                                               | No data available                                      |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available                                      |
| alpha-hexylcinnamaldehyde                           | No data available                                      |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available                                      |

## Toxicity for reproduction

| Ingredient(s)                                       | Endpoint | Specific effect | Value (mg/kg bw/d) | Species | Method | Exposure time | Remarks and other effects reported |
|-----------------------------------------------------|----------|-----------------|--------------------|---------|--------|---------------|------------------------------------|
| dimethyl ether                                      |          |                 | No data available  |         |        |               |                                    |
| ethanol                                             |          |                 | No data available  |         |        |               |                                    |
| 2-phenylethanol                                     |          |                 | No data available  |         |        |               |                                    |
| citronellol                                         |          |                 | No data available  |         |        |               |                                    |
| benzyl salicylate                                   |          |                 | No data available  |         |        |               |                                    |
| geraniol                                            |          |                 | No data available  |         |        |               |                                    |
| nerol                                               |          |                 | No data available  |         |        |               |                                    |
| 3-p-cumenyl-2-methylpropionaldehyde                 |          |                 | No data available  |         |        |               |                                    |
| alpha-hexylcinnamaldehyde                           |          |                 | No data available  |         |        |               |                                    |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |          |                 | No data available  |         |        |               |                                    |

## Repeated dose toxicity

## Sub-acute or sub-chronic oral toxicity

| Ingredient(s)                                       | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|-----------------------------------------------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| dimethyl ether                                      |          | No data available  |         |        |                      |                                      |
| ethanol                                             |          | No data available  |         |        |                      |                                      |
| 2-phenylethanol                                     |          | No data available  |         |        |                      |                                      |
| citronellol                                         |          | No data available  |         |        |                      |                                      |
| benzyl salicylate                                   |          | No data available  |         |        |                      |                                      |
| geraniol                                            |          | No data available  |         |        |                      |                                      |
| nerol                                               |          | No data available  |         |        |                      |                                      |
| 3-p-cumenyl-2-methylpropionaldehyde                 |          | No data available  |         |        |                      |                                      |
| alpha-hexylcinnamaldehyde                           |          | No data available  |         |        |                      |                                      |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |          | No data available  |         |        |                      |                                      |

## Sub-chronic dermal toxicity

| Ingredient(s)   | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|-----------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| dimethyl ether  |          | No data available  |         |        |                      |                                      |
| ethanol         |          | No data available  |         |        |                      |                                      |
| 2-phenylethanol |          | No data available  |         |        |                      |                                      |

## Good Sense Summer Festival O1b

|                                                     |  |                   |  |  |  |  |
|-----------------------------------------------------|--|-------------------|--|--|--|--|
| citronellol                                         |  | No data available |  |  |  |  |
| benzyl salicylate                                   |  | No data available |  |  |  |  |
| geraniol                                            |  | No data available |  |  |  |  |
| nerol                                               |  | No data available |  |  |  |  |
| 3-p-cumenyl-2-methylpropionaldehyde                 |  | No data available |  |  |  |  |
| alpha-hexylcinnamaldehyde                           |  | No data available |  |  |  |  |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |  | No data available |  |  |  |  |

## Sub-chronic inhalation toxicity

| Ingredient(s)                                       | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|-----------------------------------------------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| dimethyl ether                                      |          | No data available  |         |        |                      |                                      |
| ethanol                                             |          | No data available  |         |        |                      |                                      |
| 2-phenylethanol                                     |          | No data available  |         |        |                      |                                      |
| citronellol                                         |          | No data available  |         |        |                      |                                      |
| benzyl salicylate                                   |          | No data available  |         |        |                      |                                      |
| geraniol                                            |          | No data available  |         |        |                      |                                      |
| nerol                                               |          | No data available  |         |        |                      |                                      |
| 3-p-cumenyl-2-methylpropionaldehyde                 |          | No data available  |         |        |                      |                                      |
| alpha-hexylcinnamaldehyde                           |          | No data available  |         |        |                      |                                      |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |          | No data available  |         |        |                      |                                      |

## Chronic toxicity

| Ingredient(s)                                       | Exposure route | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time | Specific effects and organs affected | Remark |
|-----------------------------------------------------|----------------|----------|--------------------|---------|--------|---------------|--------------------------------------|--------|
| dimethyl ether                                      |                |          | No data available  |         |        |               |                                      |        |
| ethanol                                             |                |          | No data available  |         |        |               |                                      |        |
| 2-phenylethanol                                     |                |          | No data available  |         |        |               |                                      |        |
| citronellol                                         |                |          | No data available  |         |        |               |                                      |        |
| benzyl salicylate                                   |                |          | No data available  |         |        |               |                                      |        |
| geraniol                                            |                |          | No data available  |         |        |               |                                      |        |
| nerol                                               |                |          | No data available  |         |        |               |                                      |        |
| 3-p-cumenyl-2-methylpropionaldehyde                 |                |          | No data available  |         |        |               |                                      |        |
| alpha-hexylcinnamaldehyde                           |                |          | No data available  |         |        |               |                                      |        |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |                |          | No data available  |         |        |               |                                      |        |

## STOT-single exposure

| Ingredient(s)                                       | Affected organ(s) |
|-----------------------------------------------------|-------------------|
| dimethyl ether                                      | No data available |
| ethanol                                             | No data available |
| 2-phenylethanol                                     | No data available |
| citronellol                                         | No data available |
| benzyl salicylate                                   | No data available |
| geraniol                                            | No data available |
| nerol                                               | No data available |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available |
| alpha-hexylcinnamaldehyde                           | No data available |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |

STOT-repeated exposure

| Ingredient(s)                                       | Affected organ(s) |
|-----------------------------------------------------|-------------------|
| dimethyl ether                                      | No data available |
| ethanol                                             | No data available |
| 2-phenylethanol                                     | No data available |
| citronellol                                         | No data available |
| benzyl salicylate                                   | No data available |
| geraniol                                            | No data available |
| nerol                                               | No data available |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available |
| alpha-hexylcinnamaldehyde                           | No data available |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |

**Aspiration hazard**

Substances with an aspiration hazard (H304), if any, are listed in section 3.

**Potential adverse health effects and symptoms**

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

**11.2 Information on other hazards****11.2.1 Endocrine disrupting properties**

Endocrine disrupting properties - Human data, if available:

**11.2.2 Other information**

No other relevant information available.

**SECTION 12: Ecological information****12.1 Toxicity**

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

**Aquatic short-term toxicity**

Aquatic short-term toxicity - fish

| Ingredient(s)                                       | Endpoint         | Value (mg/l)      | Species                    | Method           | Exposure time (h) |
|-----------------------------------------------------|------------------|-------------------|----------------------------|------------------|-------------------|
| dimethyl ether                                      | LC <sub>50</sub> | > 4100            | <i>Poecilia reticulata</i> |                  | 96                |
| ethanol                                             | LC <sub>50</sub> | 8150              | <i>Alburnus alburnus</i>   | Method not given | 96                |
| 2-phenylethanol                                     |                  | No data available |                            |                  |                   |
| citronellol                                         |                  | No data available |                            |                  |                   |
| benzyl salicylate                                   |                  | No data available |                            |                  |                   |
| geraniol                                            |                  | No data available |                            |                  |                   |
| nerol                                               |                  | No data available |                            |                  |                   |
| 3-p-cumenyl-2-methylpropionaldehyde                 |                  | No data available |                            |                  |                   |
| alpha-hexylcinnamaldehyde                           |                  | No data available |                            |                  |                   |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |                  | No data available |                            |                  |                   |

Aquatic short-term toxicity - crustacea

| Ingredient(s)     | Endpoint         | Value (mg/l)      | Species                     | Method           | Exposure time (h) |
|-------------------|------------------|-------------------|-----------------------------|------------------|-------------------|
| dimethyl ether    | EC <sub>50</sub> | > 4400            | <i>Daphnia magna</i> Straus |                  | 48                |
| ethanol           | EC <sub>50</sub> | 5012              | <i>Daphnia magna</i> Straus | Method not given | 48                |
| 2-phenylethanol   |                  | No data available |                             |                  |                   |
| citronellol       |                  | No data available |                             |                  |                   |
| benzyl salicylate |                  | No data available |                             |                  |                   |
| geraniol          |                  | No data available |                             |                  |                   |

## Good Sense Summer Festival O1b

|                                                     |  |                   |  |  |  |
|-----------------------------------------------------|--|-------------------|--|--|--|
| nerol                                               |  | No data available |  |  |  |
| 3-p-cumenyl-2-methylpropionaldehyde                 |  | No data available |  |  |  |
| alpha-hexylcinnamaldehyde                           |  | No data available |  |  |  |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |  | No data available |  |  |  |

## Aquatic short-term toxicity - algae

| Ingredient(s)                                       | Endpoint         | Value (mg/l)      | Species                                         | Method           | Exposure time (h) |
|-----------------------------------------------------|------------------|-------------------|-------------------------------------------------|------------------|-------------------|
| dimethyl ether                                      | EC <sub>50</sub> | 154.9             |                                                 | QSAR             | 96                |
| ethanol                                             | EC <sub>50</sub> | 675               | <i>Scenedesmus quadricauda</i><br>Not specified | Method not given | 72                |
| 2-phenylethanol                                     |                  | No data available |                                                 |                  |                   |
| citronellol                                         |                  | No data available |                                                 |                  |                   |
| benzyl salicylate                                   |                  | No data available |                                                 |                  |                   |
| geraniol                                            |                  | No data available |                                                 |                  |                   |
| nerol                                               |                  | No data available |                                                 |                  |                   |
| 3-p-cumenyl-2-methylpropionaldehyde                 |                  | No data available |                                                 |                  |                   |
| alpha-hexylcinnamaldehyde                           |                  | No data available |                                                 |                  |                   |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |                  | No data available |                                                 |                  |                   |

## Aquatic short-term toxicity - marine species

| Ingredient(s)                                       | Endpoint | Value (mg/l)      | Species | Method | Exposure time (days) |
|-----------------------------------------------------|----------|-------------------|---------|--------|----------------------|
| dimethyl ether                                      |          | No data available |         |        |                      |
| ethanol                                             |          | No data available |         |        |                      |
| 2-phenylethanol                                     |          | No data available |         |        |                      |
| citronellol                                         |          | No data available |         |        |                      |
| benzyl salicylate                                   |          | No data available |         |        |                      |
| geraniol                                            |          | No data available |         |        |                      |
| nerol                                               |          | No data available |         |        |                      |
| 3-p-cumenyl-2-methylpropionaldehyde                 |          | No data available |         |        |                      |
| alpha-hexylcinnamaldehyde                           |          | No data available |         |        |                      |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |          | No data available |         |        |                      |

## Impact on sewage plants - toxicity to bacteria

| Ingredient(s)                                       | Endpoint         | Value (mg/l)      | Inoculum                  | Method           | Exposure time |
|-----------------------------------------------------|------------------|-------------------|---------------------------|------------------|---------------|
| dimethyl ether                                      | EC <sub>10</sub> | > 1600            | <i>Pseudomonas putida</i> | Method not given |               |
| ethanol                                             | EC <sub>0</sub>  | 6500              | <i>Pseudomonas putida</i> | Method not given | 16 hour(s)    |
| 2-phenylethanol                                     |                  | No data available |                           |                  |               |
| citronellol                                         |                  | No data available |                           |                  |               |
| benzyl salicylate                                   |                  | No data available |                           |                  |               |
| geraniol                                            |                  | No data available |                           |                  |               |
| nerol                                               |                  | No data available |                           |                  |               |
| 3-p-cumenyl-2-methylpropionaldehyde                 |                  | No data available |                           |                  |               |
| alpha-hexylcinnamaldehyde                           |                  | No data available |                           |                  |               |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |                  | No data available |                           |                  |               |

|  |  |           |  |  |
|--|--|-----------|--|--|
|  |  | available |  |  |
|--|--|-----------|--|--|

**Aquatic long-term toxicity**

Aquatic long-term toxicity - fish

| Ingredient(s)                                       | Endpoint | Value (mg/l)      | Species | Method | Exposure time | Effects observed |
|-----------------------------------------------------|----------|-------------------|---------|--------|---------------|------------------|
| dimethyl ether                                      |          | No data available |         |        |               |                  |
| ethanol                                             |          | No data available |         |        |               |                  |
| 2-phenylethanol                                     |          | No data available |         |        |               |                  |
| citronellol                                         |          | No data available |         |        |               |                  |
| benzyl salicylate                                   |          | No data available |         |        |               |                  |
| geraniol                                            |          | No data available |         |        |               |                  |
| nerol                                               |          | No data available |         |        |               |                  |
| 3-p-cumenyl-2-methylpropionaldehyde                 |          | No data available |         |        |               |                  |
| alpha-hexylcinnamaldehyde                           |          | No data available |         |        |               |                  |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |          | No data available |         |        |               |                  |

Aquatic long-term toxicity - crustacea

| Ingredient(s)                                       | Endpoint | Value (mg/l)      | Species | Method | Exposure time | Effects observed |
|-----------------------------------------------------|----------|-------------------|---------|--------|---------------|------------------|
| dimethyl ether                                      |          | No data available |         |        |               |                  |
| ethanol                                             |          | No data available |         |        |               |                  |
| 2-phenylethanol                                     |          | No data available |         |        |               |                  |
| citronellol                                         |          | No data available |         |        |               |                  |
| benzyl salicylate                                   |          | No data available |         |        |               |                  |
| geraniol                                            |          | No data available |         |        |               |                  |
| nerol                                               |          | No data available |         |        |               |                  |
| 3-p-cumenyl-2-methylpropionaldehyde                 |          | No data available |         |        |               |                  |
| alpha-hexylcinnamaldehyde                           |          | No data available |         |        |               |                  |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |          | No data available |         |        |               |                  |

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

| Ingredient(s)                                       | Endpoint | Value (mg/kg dw sediment) | Species | Method | Exposure time (days) | Effects observed |
|-----------------------------------------------------|----------|---------------------------|---------|--------|----------------------|------------------|
| dimethyl ether                                      |          | No data available         |         |        |                      |                  |
| ethanol                                             |          | No data available         |         |        |                      |                  |
| 2-phenylethanol                                     |          | No data available         |         |        |                      |                  |
| citronellol                                         |          | No data available         |         |        |                      |                  |
| benzyl salicylate                                   |          | No data available         |         |        |                      |                  |
| geraniol                                            |          | No data available         |         |        |                      |                  |
| nerol                                               |          | No data available         |         |        |                      |                  |
| 3-p-cumenyl-2-methylpropionaldehyde                 |          | No data available         |         |        |                      |                  |
| alpha-hexylcinnamaldehyde                           |          | No data available         |         |        |                      |                  |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |          | No data available         |         |        |                      |                  |

**Terrestrial toxicity**

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

## 12.2 Persistence and degradability

### Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

### Biodegradation

Ready biodegradability - aerobic conditions

| Ingredient(s)                                       | Inoculum                 | Analytical method          | DT <sub>50</sub>   | Method    | Evaluation                 |
|-----------------------------------------------------|--------------------------|----------------------------|--------------------|-----------|----------------------------|
| dimethyl ether                                      | Activated sludge, aerobe | Oxygen depletion           | 5 % in 28 day(s)   | OECD 301D | Not readily biodegradable. |
| ethanol                                             | Activated sludge, aerobe | Oxygen depletion           | > 60% in 10 day(s) | OECD 301B | Readily biodegradable      |
| 2-phenylethanol                                     | Activated sludge, aerobe |                            | 78.61%             | OECD 301B | Readily biodegradable      |
| citronellol                                         | Activated sludge, aerobe | CO <sub>2</sub> production |                    | OECD 301F | Readily biodegradable      |
| benzyl salicylate                                   |                          |                            |                    | OECD 301F | Readily biodegradable      |
| geraniol                                            |                          |                            |                    | OECD 301F | Readily biodegradable      |
| nerol                                               |                          |                            |                    | OECD 301D | Readily biodegradable      |
| 3-p-cumenyl-2-methylpropionaldehyde                 |                          |                            |                    | OECD 301B | Readily biodegradable      |
| alpha-hexylcinnamaldehyde                           |                          |                            |                    |           | Not readily biodegradable. |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one |                          |                            |                    |           | Not readily biodegradable. |

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

## 12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log K<sub>ow</sub>)

| Ingredient(s)                                       | Value             | Method             | Evaluation                  | Remark   |
|-----------------------------------------------------|-------------------|--------------------|-----------------------------|----------|
| dimethyl ether                                      | 0.07              | Method not given   | No bioaccumulation expected | at 25 °C |
| ethanol                                             | -0.31             | Weight of evidence | No bioaccumulation expected |          |
| 2-phenylethanol                                     | No data available |                    |                             |          |
| citronellol                                         | No data available |                    |                             |          |
| benzyl salicylate                                   | No data available |                    |                             |          |
| geraniol                                            | No data available |                    |                             |          |
| nerol                                               | No data available |                    |                             |          |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available |                    |                             |          |
| alpha-hexylcinnamaldehyde                           | No data available |                    |                             |          |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |                    |                             |          |

Bioconcentration factor (BCF)

| Ingredient(s)                       | Value             | Species | Method             | Evaluation                  | Remark |
|-------------------------------------|-------------------|---------|--------------------|-----------------------------|--------|
| dimethyl ether                      | No data available |         |                    |                             |        |
| ethanol                             | 0.5               |         | Weight of evidence | No bioaccumulation expected |        |
| 2-phenylethanol                     | No data available |         |                    |                             |        |
| citronellol                         | No data available |         |                    |                             |        |
| benzyl salicylate                   | No data available |         |                    |                             |        |
| geraniol                            | No data available |         |                    |                             |        |
| nerol                               | No data available |         |                    |                             |        |
| 3-p-cumenyl-2-methylpropionaldehyde | No data available |         |                    |                             |        |

|                                                     |                   |  |  |  |  |
|-----------------------------------------------------|-------------------|--|--|--|--|
| alpha-hexylcinnamaldehyde                           | No data available |  |  |  |  |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available |  |  |  |  |

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

| Ingredient(s)                                       | Adsorption coefficient Log K <sub>oc</sub> | Desorption coefficient Log K <sub>oc</sub> (des) | Method | Soil/sediment type | Evaluation |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------|--------|--------------------|------------|
| dimethyl ether                                      | No data available                          |                                                  |        |                    |            |
| ethanol                                             | No data available                          |                                                  |        |                    |            |
| 2-phenylethanol                                     | No data available                          |                                                  |        |                    |            |
| citronellol                                         | No data available                          |                                                  |        |                    |            |
| benzyl salicylate                                   | No data available                          |                                                  |        |                    |            |
| geraniol                                            | No data available                          |                                                  |        |                    |            |
| nerol                                               | No data available                          |                                                  |        |                    |            |
| 3-p-cumenyl-2-methylpropionaldehyde                 | No data available                          |                                                  |        |                    |            |
| alpha-hexylcinnamaldehyde                           | No data available                          |                                                  |        |                    |            |
| 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one | No data available                          |                                                  |        |                    |            |

**12.5 Results of PBT and vPvB assessment**

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

**12.6 Endocrine disrupting properties**

Endocrine disrupting properties - Environmental effects, if available:

**12.7 Other adverse effects**

No other adverse effects known.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Waste from residues / unused products:**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

**European Waste Catalogue:**

16 05 04\* - gases in pressure containers (including halons) containing dangerous substances.

**Empty packaging****Recommendation:**

Dispose of observing national or local regulations.

**SECTION 14: Transport information**Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)**14.1 UN number or ID number:** 1950**14.2 UN proper shipping name:**

Aerosols

**14.3 Transport hazard class(es):**

Transport hazard class (and subsidiary risks): 2.1

**14.4 Packing group:** -**14.5 Environmental hazards:**

Environmentally hazardous: No

Marine pollutant: No

**14.6 Special precautions for user:** None known.**14.7 Maritime transport in bulk according to IMO instruments:** The product is not transported in bulk tankers.**Other relevant information:****ADR**

Classification code: 5F

## Good Sense Summer Festival O1b

Tunnel restriction code: (D)

Hazard identification number: -

IMO/IMDG

EmS: F-D, S-U

The product has been classified, labelled and packaged in accordance with the requirements of ADR and the provisions of the IMDG Code. According to special provision 190, aerosols with a capacity not exceeding 50ml containing only non-toxic constituents are not subject to the requirements of ADR or the provisions of the IMDG code.

## SECTION 15: Regulatory information

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

#### National regulations :

- Regulation (EC) 1907/2006 - REACH (UK amended)
- Regulation (EC) 1272/2008 - CLP (UK amended)
- Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- International Maritime Dangerous Goods (IMDG) Code

**Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII):** Not applicable.

**Comah - classification:** P3a - FLAMMABLE AEROSOLS

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

## SECTION 16: Other information

*The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract*

**SDS code:** MSDS5004

**Version:** 05.1

**Revision:** 2023-03-17

#### Reason for revision:

Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006

#### Classification procedure

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

#### Abbreviations and acronyms:

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- ATE - Acute Toxicity Estimate
- LD50 - Lethal Dose, 50% / Median Lethal dose
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- EC50 - effective concentration, 50%
- NOEL - No observed effect level
- NOAEL - No observed adverse effect level
- OECD - Organisation for Economic Cooperation and Development
- H220 - Extremely flammable gas.
- H225 - Highly flammable liquid and vapour.
- H226 - Flammable liquid and vapour.
- H280 - Contains gas under pressure; may explode if heated.
- H302 - Harmful if swallowed.
- H304 - May be fatal if swallowed and enters airways.
- H311 - Toxic in contact with skin.
- H312 - Harmful in contact with skin.
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.
- H320 - Causes eye irritation.
- H332 - Harmful if inhaled.
- H335 - May cause respiratory irritation.
- H336 - May cause drowsiness or dizziness.

**Good Sense Summer Festival O1b**

- H360 - May damage 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.
- EUH066 - Repeated exposure may cause skin dryness or cracking.

**End of Safety Data Sheet**