



**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier:** Zawieszka zapachowa uniwersalna Omnia

**Other means of identification:**

Non-applicable

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

Relevant uses: Air freshener

Uses advised against: All uses not specified in this section or in section 7.3

**1.3 Details of the supplier of the safety data sheet:**

Indigo Nails Sp. z o.o.  
Senatorska 14/16  
93-192 Łódź - woj. łódzkie - Polska  
Phone: + 48 42 715 80 16  
mieszalniny@indigo-nails.com  
<https://www.indigo-nails.com>

**1.4 Emergency telephone number: 112**

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture:**

**CLP Regulation (EC) No 1272/2008:**

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard, Category 1, H410

Eye Irrit. 2: Eye irritation, Category 2, H319

Skin Irrit. 2: Skin irritation, Category 2, H315

Skin Sens. 1A: Sensitisation, skin, Category 1A, H317

**2.2 Label elements:**

**CLP Regulation (EC) No 1272/2008:**

Warning



**Hazard statements:**

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

**Precautionary statements:**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501: Dispose of contents/container according to the separated collection system used in your municipality.

**Supplementary information:**

Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, 1-(2,2,6-Trimethylcyclohexyl)-3-hexanol, 3-(4-tert-butylphenyl)propionaldehyde, 3,7-dimethyl-1,6-nonadien-3-ol, 3-p-cumenyl-2-methylpropionaldehyde, Acetyl cedrene, Alpha-Isomethyl Ionone, alpha-Methyl-1,3-benzodioxole-5-propionaldehyde, alpha-Pinene, Benzyl salicylate, beta-Pinene, Cineole, Citral, Dimethylcyclohex-3-ene-1-carbaldehyde, d-limonene, Linalool, Linalyl acetate, Methyl 2,4-dihydroxy-3,6-dimethylbenzoate.

**Substances that contribute to the classification**

Damascenone; Rose Ketones

**UFI:** 5M00-GOMN-600W-FQF5

**2.3 Other hazards:**

Product fails to meet PBT/vPvB criteria

Endocrine-disrupting properties: The product fails to meet the criteria.



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Soap, colourant and perfume based mixture

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 18479-58-8 EC: 242-362-4 Index: Non-applicable REACH: 01-2119457274-37-XXXX	<b>2,6-dimethyloct-7-en-2-ol<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning	10 - <25 % 
CAS: 10339-55-6 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>3,7-dimethyl-1,6-nonadien-3-ol<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Sens. 1B: H317 - Warning	10 - <25 % 
CAS: 78-70-6 EC: 201-134-4 Index: 603-235-00-2 REACH: 01-2119474016-42-XXXX	<b>Linalool<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	2,5 - <10 % 
CAS: 5989-27-5 EC: 227-813-5 Index: 601-096-00-2 REACH: 01-2119529223-47-XXXX	<b>d-limonene<sup>(1)</sup></b> ATP ATP17 Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	2,5 - <10 %    
CAS: 1222-05-5 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-e-benzopyran<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 1: H410 - Warning	2,5 - <10 % 
CAS: 70788-30-6 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>1-(2,2,6-Trimethylcyclohexyl)-3-hexanol<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 1: H410; Skin Sens. 1B: H317 - Warning	2,5 - <10 %  
CAS: 23696-85-7 EC: 245-833-2 Index: Non-applicable REACH: Non-applicable	<b>Damascenone<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Warning	2,5 - <10 %  
CAS: 128-37-0 EC: 204-881-4 Index: Non-applicable REACH: 01-2119565113-46-XXXX	<b>2,6-di-tert-butyl-p-cresol<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 1: H410 - Warning	2,5 - <10 % 
CAS: 103-95-7 EC: 203-161-7 Index: Non-applicable REACH: 01-2119970582-32-XXXX	<b>3-p-cumenyl-2-methylpropionaldehyde<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 3: H412; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	2,5 - <10 % 
CAS: 32388-55-9 EC: 251-020-3 Index: Non-applicable REACH: Non-applicable	<b>Acetyl cedrene<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 1: H410; Skin Sens. 1B: H317 - Warning	2,5 - <10 %  
CAS: 68901-15-5 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>Allyl (cyclohexyloxy)acetate<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Chronic 1: H410 - Warning	2,5 - <10 %  
CAS: 127-51-5 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>Alpha-isomethyl ionone<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	2,5 - <10 %  
CAS: 118-58-1 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>Benzyl salicylate<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 3: H412; Skin Sens. 1B: H317 - Warning	2,5 - <10 % 
CAS: 5392-40-5 EC: 226-394-6 Index: 605-019-00-3 REACH: 01-2119462829-23-XXXX	<b>Citral<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	2,5 - <10 % 
CAS: 68039-49-6 EC: 248-742-6 Index: Non-applicable REACH: Non-applicable	<b>Dimethylcyclohex-3-ene-1-carbaldehyde<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	2,5 - <10 %  

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Chemical name/Classification	Concentration
CAS: 111879-80-2 EC: 422-320-3 Index: Non-applicable REACH: 01-0000016883-62-XXXX	<b>reaction mass of: (E)-oxacyclohexadec-12-en-2-one<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning	2,5 - <10 %
CAS: 470-82-6 EC: 207-431-5 Index: Non-applicable REACH: 01-2119967772-24-XXXX	<b>Cineole<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Flam. Liq. 3: H226; Skin Sens. 1B: H317 - Warning	2,5 - <10 %
CAS: 115-95-7 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>Linalyl acetate<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	2,5 - <10 %
CAS: 4707-47-5 EC: 225-193-0 Index: Non-applicable REACH: 01-2120762759-36-XXXX	<b>Methyl 2,4-dihydroxy-3,6-dimethylbenzoate<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Skin Sens. 1B: H317 - Warning	2,5 - <10 %
CAS: 54464-57-2 EC: 259-174-3 Index: Non-applicable REACH: Non-applicable	<b>1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	2,5 - <10 %
CAS: 23696-85-7 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>Rose Ketones<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Chronic 2: H411; Skin Sens. 1A: H317 - Warning	2,5 - <10 %
CAS: 1205-17-0 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>alpha-Methyl-1,3-benzodioxole-5-propionaldehyde<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Repr. 2: H361; Skin Sens. 1B: H317 - Warning	1 - <2,5 %
CAS: 80-56-8 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>alpha-Pinene<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Danger	1 - <2,5 %
CAS: 29940-11-6 EC: 249-320-4 Index: Non-applicable REACH: Non-applicable	<b>7-Methyl-2H-benzo-1,5-dioxepin-3(4H)-one<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Skin Corr. 1B: H314; STOT SE 3: H335 - Danger	1 - <2,5 %
CAS: 127-91-3 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>beta-Pinene<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Danger	1 - <2,5 %
CAS: 99-85-4 EC: Non-applicable Index: Non-applicable REACH: Non-applicable	<b>p-Mentha-1,4-diene<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Asp. Tox. 1: H304; Flam. Liq. 3: H226; Repr. 2: H361 - Danger	1 - <2,5 %
CAS: 18127-01-0 EC: 242-016-2 Index: Non-applicable REACH: 01-2119983533-30-XXXX	<b>3-(4-tert-butylphenyl)propionaldehyde<sup>(1)</sup></b> Self-classified Regulation 1272/2008 Aquatic Chronic 3: H412; Repr. 2: H361; Skin Irrit. 2: H315; Skin Sens. 1B: H317; STOT RE 2: H373 - Warning	1 - <2,5 %

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

**By skin contact:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**By eye contact:**



**SECTION 4: FIRST AID MEASURES (continued)**

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

**4.2 Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are indicated in sections 2 and 11.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Non-applicable

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media:**

**Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

**Unsuitable extinguishing media:**

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

**5.2 Special hazards arising from the substance or mixture:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**5.3 Advice for firefighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

**Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:**

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

**For emergency responders:**

See section 8.

**6.2 Environmental precautions:**

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

**6.3 Methods and material for containment and cleaning up:**

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

**6.4 Reference to other sections:**

See sections 8 and 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling:**



**SECTION 7: HANDLING AND STORAGE (continued)**

**A.- General precautions for safe use**

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

**B.- Technical recommendations for the prevention of fires and explosions**

Due to its inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

**C.- Technical recommendations on general occupational hygiene**

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

**D.- Technical recommendations to prevent environmental risks**

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal See sections 8 and 13.

**7.2 Conditions for safe storage, including any incompatibilities:**

**A.- Technical measures for storage**

Minimum Temp.: 5 °C

**B.- General conditions for storage**

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

**7.3 Specific end use(s):**

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Nuisance dust: Inhalable dust 10 mg/m<sup>3</sup> // Respirable dust 4 mg/m<sup>3</sup>

**DNEL (Workers):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	20,8 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	73,5 mg/m <sup>3</sup>	Non-applicable
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	3,5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	24,58 mg/m <sup>3</sup>	Non-applicable
d-limonene CAS: 5989-27-5 EC: 227-813-5	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	9,5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	66,7 mg/m <sup>3</sup>	Non-applicable
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	3,5 mg/m <sup>3</sup>	Non-applicable
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,67 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	5,83 mg/m <sup>3</sup>	Non-applicable
Citral CAS: 5392-40-5 EC: 226-394-6	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,7 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	9 mg/m <sup>3</sup>	Non-applicable
Cineole CAS: 470-82-6 EC: 207-431-5	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	2 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	7,05 mg/m <sup>3</sup>	Non-applicable
3-(4-tert-butylphenyl)propionaldehyde CAS: 18127-01-0 EC: 242-016-2	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	3,57 mg/kg	Non-applicable	0,89 mg/kg	Non-applicable
	Inhalation	0,88 mg/m <sup>3</sup>	0,88 mg/m <sup>3</sup>	0,308 mg/m <sup>3</sup>	0,22 mg/m <sup>3</sup>

**DNEL (General population):**



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	Oral	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	21,7 mg/m <sup>3</sup>	Non-applicable
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	Non-applicable	Non-applicable	2,49 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,25 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	4,33 mg/m <sup>3</sup>	Non-applicable
d-limonene CAS: 5989-27-5 EC: 227-813-5	Oral	Non-applicable	Non-applicable	4,8 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	4,8 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	16,6 mg/m <sup>3</sup>	Non-applicable
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,25 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0,86 mg/m <sup>3</sup>	Non-applicable
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	Oral	Non-applicable	Non-applicable	0,83 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,83 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1,45 mg/m <sup>3</sup>	Non-applicable
Citral CAS: 5392-40-5 EC: 226-394-6	Oral	Non-applicable	Non-applicable	0,6 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	2,7 mg/m <sup>3</sup>	Non-applicable
Cineole CAS: 470-82-6 EC: 207-431-5	Oral	Non-applicable	Non-applicable	600 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1,74 mg/m <sup>3</sup>	Non-applicable
3-(4-tert-butylphenyl)propionaldehyde CAS: 18127-01-0 EC: 242-016-2	Oral	26,88 mg/kg	Non-applicable	0,03 mg/kg	Non-applicable
	Dermal	1,79 mg/kg	Non-applicable	0,45 mg/kg	Non-applicable
	Inhalation	0,22 mg/m <sup>3</sup>	0,22 mg/m <sup>3</sup>	0,0544 mg/m <sup>3</sup>	0,22 mg/m <sup>3</sup>

PNEC:

Identification				
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	STP	10 mg/L	Fresh water	0,0278 mg/L
	Soil	0,103 mg/kg	Marine water	0,00278 mg/L
	Intermittent	0,278 mg/L	Sediment (Fresh water)	0,594 mg/kg
	Oral	0,111 g/kg	Sediment (Marine water)	0,059 mg/kg
Linalool CAS: 78-70-6 EC: 201-134-4	STP	10 mg/L	Fresh water	0,2 mg/L
	Soil	0,327 mg/kg	Marine water	0,02 mg/L
	Intermittent	2 mg/L	Sediment (Fresh water)	2,22 mg/kg
	Oral	0,0078 g/kg	Sediment (Marine water)	0,222 mg/kg
d-limonene CAS: 5989-27-5 EC: 227-813-5	STP	1,8 mg/L	Fresh water	0,014 mg/L
	Soil	0,763 mg/kg	Marine water	0,0014 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	3,85 mg/kg
	Oral	0,133 g/kg	Sediment (Marine water)	0,385 mg/kg
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	STP	0,17 mg/L	Fresh water	0,000199 mg/L
	Soil	0,04769 mg/kg	Marine water	0,00002 mg/L
	Intermittent	0,00199 mg/L	Sediment (Fresh water)	0,0996 mg/kg
	Oral	0,00833 g/kg	Sediment (Marine water)	0,00996 mg/kg
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	STP	1 mg/L	Fresh water	0,00109 mg/L
	Soil	0,025 mg/kg	Marine water	0,00011 mg/L
	Intermittent	0,01092 mg/L	Sediment (Fresh water)	0,126 mg/kg
	Oral	0,0333 g/kg	Sediment (Marine water)	0,013 mg/kg
Citral CAS: 5392-40-5 EC: 226-394-6	STP	1,6 mg/L	Fresh water	0,007 mg/L
	Soil	0,021 mg/kg	Marine water	0,001 mg/L
	Intermittent	0,068 mg/L	Sediment (Fresh water)	0,125 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,013 mg/kg



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
reaction mass of: (E)-oxacyclohexadec-12-en-2-one CAS: 111879-80-2 EC: 422-320-3	STP	10 mg/L	Fresh water	0,0027 mg/L
	Soil	5,44 mg/kg	Marine water	0,00027 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	21 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	4,2 mg/kg
Cineole CAS: 470-82-6 EC: 207-431-5	STP	10 mg/L	Fresh water	0,057 mg/L
	Soil	0,25 mg/kg	Marine water	0,0057 mg/L
	Intermittent	0,57 mg/L	Sediment (Fresh water)	1,425 mg/kg
	Oral	0,04 g/kg	Sediment (Marine water)	0,142 mg/kg
Methyl 2,4-dihydroxy-3,6-dimethylbenzoate CAS: 4707-47-5 EC: 225-193-0	STP	10 mg/L	Fresh water	0,0033 mg/L
	Soil	0,016 mg/kg	Marine water	0,00033 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	0,089 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0089 mg/kg
3-(4-tert-butylphenyl)propionaldehyde CAS: 18127-01-0 EC: 242-016-2	STP	3,16 mg/L	Fresh water	0,00105 mg/L
	Soil	0,0202 mg/kg	Marine water	0,000105 mg/L
	Intermittent	0,0105 mg/L	Sediment (Fresh water)	0,104 mg/kg
	Oral	0,00017 g/kg	Sediment (Marine water)	0,0104 mg/kg

8.2 Exposure controls:



A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection



The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands



Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Protective gloves against minor risks			Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.



E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing			Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes		EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007

F.- Additional emergency measures



**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

**Volatile organic compounds:**

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	27,99 % weight
V.O.C. density at 20 °C:	Non-applicable
Average carbon number:	10
Average molecular weight:	151,95 g/mol

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

Physical state at 20 °C:	Solid
Appearance:	Characteristic
Colour:	Characteristic
Odour:	Characteristic
Odour threshold:	Non-applicable *

**Volatility:**

Boiling point at atmospheric pressure:	217 °C
Vapour pressure at 20 °C:	50 Pa
Vapour pressure at 50 °C:	329,2 Pa (0,33 kPa)
Evaporation rate at 20 °C:	Non-applicable *

**Product description:**

Density at 20 °C:	Non-applicable *
Relative density at 20 °C:	Non-applicable *
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20 °C:	Non-applicable *
Partition coefficient n-octanol/water 20 °C:	Non-applicable *
Solubility in water at 20 °C:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *

**Flammability:**

Flash Point:	62 °C
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\*Not relevant due to the nature of the product, not providing information property of its hazards.





**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	225 °C
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *
<b>Explosive (Solid):</b>	
Lower explosive limit:	Non-applicable *
Upper explosive limit:	Non-applicable *
<b>Particle characteristics:</b>	
Median equivalent diameter:	Non-applicable *

**9.2 Other information:**

**Information with regard to physical hazard classes:**

Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *
Aerosols-total percentage (by mass) of flammable components:	Non-applicable *

**Other safety characteristics:**

Surface tension at 20 °C:	Non-applicable *
Refraction index:	Non-applicable *

\*Not relevant due to the nature of the product, not providing information property of its hazards.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

**10.2 Chemical stability:**

Chemically stable under the indicated conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

**10.5 Incompatible materials:**

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

**10.6 Hazardous decomposition products:**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION**

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

The experimental information related to the toxicological properties of the product itself is not available

**Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:



**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

**A- Ingestion (acute effect):**

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

**B- Inhalation (acute effect):**

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**C- Contact with the skin and the eyes (acute effect):**

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

**D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):**

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: d-limonene (3); 2,6-di-tert-butyl-p-cresol (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**E- Sensitizing effects:**

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

**F- Specific target organ toxicity (STOT) - single exposure:**

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

**G- Specific target organ toxicity (STOT)-repeated exposure:**

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**H- Aspiration hazard:**

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

Identification	Acute toxicity		Genus
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	LD50 oral	3600 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L	
3,7-dimethyl-1,6-nonadien-3-ol CAS: 10339-55-6 EC: Non-applicable	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Linalool CAS: 78-70-6 EC: 201-134-4	LD50 oral	3000 mg/kg	Rat
	LD50 dermal	5610 mg/kg	Rabbit
	LC50 inhalation	>20 mg/L	
d-limonene CAS: 5989-27-5 EC: 227-813-5	LD50 oral	4400 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	Rabbit
	LC50 inhalation	>20 mg/L	



SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-e-benzopyran CAS: 1222-05-5 EC: Non-applicable	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
1-(2,2,6-Trimethylcyclohexyl)-3-hexanol CAS: 70788-30-6 EC: Non-applicable	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Damascenone CAS: 23696-85-7 EC: 245-833-2	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L	
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	LD50 oral	6000 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>5 mg/L	
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	LD50 oral	3810 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L	
7-Methyl-2H-benzo-1,5-dioxepin-3(4H)-one CAS: 29940-11-6 EC: 249-320-4	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Acetyl cedrene CAS: 32388-55-9 EC: 251-020-3	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Allyl (cyclohexyloxy)acetate CAS: 68901-15-5 EC: Non-applicable	LD50 oral	500 mg/kg (ATEI)	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Alpha-Isomethyl Ionone CAS: 127-51-5 EC: Non-applicable	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Benzyl salicylate CAS: 118-58-1 EC: Non-applicable	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Citral CAS: 5392-40-5 EC: 226-394-6	LD50 oral	4950 mg/kg	Rat
	LD50 dermal	2250 mg/kg	Rabbit
	LC50 inhalation	>20 mg/L	
Dimethylcyclohex-3-ene-1-carbaldehyde CAS: 68039-49-6 EC: 248-742-6	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
reaction mass of: (E)-oxacyclohexadec-12-en-2-one CAS: 111879-80-2 EC: 422-320-3	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L	
Cineole CAS: 470-82-6 EC: 207-431-5	LD50 oral	2480 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L	
Linalyl acetate CAS: 115-95-7 EC: Non-applicable	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Methyl 2,4-dihydroxy-3,6-dimethylbenzoate CAS: 4707-47-5 EC: 225-193-0	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	Rat
	LC50 inhalation	>5 mg/L	
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one CAS: 54464-57-2 EC: 259-174-3	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L	



SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
Rose Ketones CAS: 23696-85-7 EC: Non-applicable	LD50 oral	500 mg/kg (ATEi)	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
alpha-Methyl-1,3-benzodioxole-5-propionaldehyde CAS: 1205-17-0 EC: Non-applicable	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
alpha-Pinene CAS: 80-56-8 EC: Non-applicable	LD50 oral	500 mg/kg (ATEi)	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
beta-Pinene CAS: 127-91-3 EC: Non-applicable	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
p-Mentha-1,4-diene CAS: 99-85-4 EC: Non-applicable	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
3-(4-tert-butylphenyl)propionaldehyde CAS: 18127-01-0 EC: 242-016-2	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L	

11.2 Information on other hazards:

**Endocrine disrupting properties**

Endocrine-disrupting properties: The product fails to meet the criteria.

**Other information**

Non-applicable

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

**Acute toxicity:**

Identification	Concentration		Species	Genus
d-limonene CAS: 5989-27-5 EC: 227-813-5	LC50	0,702 mg/L (96 h)	Pimephales promelas	Fish
	EC50	0,577 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		



SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-e-benzopyran CAS: 1222-05-5 EC: Non-applicable	LC50	>0.1 - 1 (96 h)		Fish
	EC50	>0.1 - 1 (48 h)		Crustacean
	EC50	>0.1 - 1 (72 h)		Algae
1-(2,2,6-Trimethylcyclohexyl)-3-hexanol CAS: 70788-30-6 EC: Non-applicable	LC50	>0.1 - 1 (96 h)		Fish
	EC50	>0.1 - 1 (48 h)		Crustacean
	EC50	>0.1 - 1 (72 h)		Algae
Damascenone CAS: 23696-85-7 EC: 245-833-2	LC50	>1 - 10 (96 h)		Fish
	EC50	>1 - 10 (48 h)		Crustacean
	EC50	>1 - 10 (72 h)		Algae
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	LC50	0,199 mg/L (96 h)	Oryzias latipes	Fish
	EC50	0,48 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	LC50	1,092 mg/L (96 h)	N/A	Fish
	EC50	1,4 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	3,8 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
Acetyl cedrene CAS: 32388-55-9 EC: 251-020-3	LC50	>0.1 - 1 (96 h)		Fish
	EC50	>0.1 - 1 (48 h)		Crustacean
	EC50	>0.1 - 1 (72 h)		Algae
Allyl (cyclohexyloxy)acetate CAS: 68901-15-5 EC: Non-applicable	LC50	>0.1 - 1 (96 h)		Fish
	EC50	>0.1 - 1 (48 h)		Crustacean
	EC50	>0.1 - 1 (72 h)		Algae
Alpha-Isomethyl Ionone CAS: 127-51-5 EC: Non-applicable	LC50	>1 - 10 (96 h)		Fish
	EC50	>1 - 10 (48 h)		Crustacean
	EC50	>1 - 10 (72 h)		Algae
Benzyl salicylate CAS: 118-58-1 EC: Non-applicable	LC50	>10 - 100 (96 h)		Fish
	EC50	>10 - 100 (48 h)		Crustacean
	EC50	>10 - 100 (72 h)		Algae
Citral CAS: 5392-40-5 EC: 226-394-6	LC50	6,1 mg/L (24 h)	Oryzias latipes	Fish
	EC50	11 mg/L (24 h)	Daphnia magna	Crustacean
	EC50	16 mg/L (72 h)	Scenedesmus subspicatus	Algae
Dimethylcyclohex-3-ene-1-carbaldehyde CAS: 68039-49-6 EC: 248-742-6	LC50	>1 - 10 (96 h)		Fish
	EC50	>1 - 10 (48 h)		Crustacean
	EC50	>1 - 10 (72 h)		Algae
reaction mass of: (E)-oxacyclohexadec-12-en-2-one CAS: 111879-80-2 EC: 422-320-3	LC50	>0.1 - 1 (96 h)		Fish
	EC50	>0.1 - 1 (48 h)		Crustacean
	EC50	>0.1 - 1 (72 h)		Algae



**SECTION 12: ECOLOGICAL INFORMATION (continued)**

Identification	Concentration		Species	Genus
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one CAS: 54464-57-2 EC: 259-174-3	LC50	>0.1 - 1 (96 h)		Fish
	EC50	>0.1 - 1 (48 h)		Crustacean
	EC50	>0.1 - 1 (72 h)		Algae
Rose Ketones CAS: 23696-85-7 EC: Non-applicable	LC50	>1 - 10 (96 h)		Fish
	EC50	>1 - 10 (48 h)		Crustacean
	EC50	>1 - 10 (72 h)		Algae
alpha-Methyl-1,3-benzodioxole-5-propionaldehyde CAS: 1205-17-0 EC: Non-applicable	LC50	>1 - 10 (96 h)		Fish
	EC50	>1 - 10 (48 h)		Crustacean
	EC50	>1 - 10 (72 h)		Algae
alpha-Pinene CAS: 80-56-8 EC: Non-applicable	LC50	>0.1 - 1 (96 h)		Fish
	EC50	>0.1 - 1 (48 h)		Crustacean
	EC50	>0.1 - 1 (72 h)		Algae
beta-Pinene CAS: 127-91-3 EC: Non-applicable	LC50	>0.1 - 1 (96 h)		Fish
	EC50	>0.1 - 1 (48 h)		Crustacean
	EC50	>0.1 - 1 (72 h)		Algae
3-(4-tert-butylphenyl)propionaldehyde CAS: 18127-01-0 EC: 242-016-2	LC50	>10 - 100 (96 h)		Fish
	EC50	>10 - 100 (48 h)		Crustacean
	EC50	>10 - 100 (72 h)		Algae

**Chronic toxicity:**

Identification	Concentration		Species	Genus
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	NOEC	Non-applicable		
	NOEC	9,5 mg/L	Daphnia magna	Crustacean
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	NOEC	0,053 mg/L	Oryzias latipes	Fish
	NOEC	0,069 mg/L	Daphnia magna	Crustacean
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	NOEC	Non-applicable		
	NOEC	0,71 mg/L	Daphnia magna	Crustacean

**12.2 Persistence and degradability:**

Identification	Degradability		Biodegradability	
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	BOD5	Non-applicable	Concentration	10 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	72 %
Linalool CAS: 78-70-6 EC: 201-134-4	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	90 %



SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Degradability		Biodegradability	
d-limonene CAS: 5989-27-5 EC: 227-813-5	BOD5	Non-applicable	Concentration	10 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	71,4 %
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	BOD5	Non-applicable	Concentration	10 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	4,7 %
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	BOD5	Non-applicable	Concentration	Non-applicable
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	65,5 %
Citral CAS: 5392-40-5 EC: 226-394-6	BOD5	0,56 g O2/g	Concentration	100 mg/L
	COD	1,99 g O2/g	Period	28 days
	BOD5/COD	0,28	% Biodegradable	92 %
Methyl 2,4-dihydroxy-3,6-dimethylbenzoate CAS: 4707-47-5 EC: 225-193-0	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	59 %

12.3 Bioaccumulative potential:

Identification	Bioaccumulation potential	
Linalool CAS: 78-70-6 EC: 201-134-4	BCF	
	Pow Log	2.97
	Potential	
d-limonene CAS: 5989-27-5 EC: 227-813-5	BCF	
	Pow Log	4.83
	Potential	
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	BCF	598
	Pow Log	4.36
	Potential	High
3-p-cumenyl-2-methylpropionaldehyde CAS: 103-95-7 EC: 203-161-7	BCF	102
	Pow Log	3.05
	Potential	High
Citral CAS: 5392-40-5 EC: 226-394-6	BCF	10
	Pow Log	3.45
	Potential	Low
Cineole CAS: 470-82-6 EC: 207-431-5	BCF	
	Pow Log	2.74
	Potential	



**SECTION 12: ECOLOGICAL INFORMATION (continued)**

Identification	Bioaccumulation potential	
Methyl 2,4-dihydroxy-3,6-dimethylbenzoate CAS: 4707-47-5 EC: 225-193-0	BCF	232
	Pow Log	
	Potential	High

**12.4 Mobility in soil:**

Identification	Absorption/desorption		Volatility	
d-limonene CAS: 5989-27-5 EC: 227-813-5	Koc	6324	Henry	2533,13 Pa·m <sup>3</sup> /mol
	Conclusion	Immobile	Dry soil	Yes
	Surface tension	2,675E-2 N/m (25 °C)	Moist soil	Yes
2,6-di-tert-butyl-p-cresol CAS: 128-37-0 EC: 204-881-4	Koc	23030	Henry	3,42E-1 Pa·m <sup>3</sup> /mol
	Conclusion	Immobile	Dry soil	Yes
	Surface tension	1,255E-2 N/m (258,85 °C)	Moist soil	Yes
Cineole CAS: 470-82-6 EC: 207-431-5	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	3,24E-2 N/m (25 °C)	Moist soil	Non-applicable
Methyl 2,4-dihydroxy-3,6-dimethylbenzoate CAS: 4707-47-5 EC: 225-193-0	Koc	235	Henry	1,1E-2 Pa·m <sup>3</sup> /mol
	Conclusion	Moderate	Dry soil	Non-applicable
	Surface tension	Non-applicable	Moist soil	Non-applicable

**12.5 Results of PBT and vPvB assessment:**

Product fails to meet PBT/vPvB criteria

**12.6 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product fails to meet the criteria.

**12.7 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

Code	Description	Waste class (Regulation (EU) No 1357/2014)
07 01 04*	other organic solvents, washing liquids and mother liquors	Dangerous

**Type of waste (Regulation (EU) No 1357/2014):**

HP14 Ecotoxic, HP13 Sensitising, HP4 Irritant — skin irritation and eye damage

**Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

**SECTION 14: TRANSPORT INFORMATION**

**Transport of dangerous goods by land:**

With regard to ADR 2021 and RID 2021:





SECTION 14: TRANSPORT INFORMATION (continued)



<b>14.1 UN number or ID number:</b>	UN3077
<b>14.2 UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Damascenone; d-limonene)
<b>14.3 Transport hazard class(es):</b>	9
Labels:	9
<b>14.4 Packing group:</b>	III
<b>14.5 Environmental hazards:</b>	Yes
<b>14.6 Special precautions for user</b>	
Special regulations:	274, 335, 375, 601
Tunnel restriction code:	-
Physico-Chemical properties:	see section 9
Limited quantities:	5 kg
<b>14.7 Maritime transport in bulk according to IMO instruments:</b>	Non-applicable

**Transport of dangerous goods by sea:**

With regard to IMDG 39-18:



<b>14.1 UN number or ID number:</b>	UN3077
<b>14.2 UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Damascenone; d-limonene)
<b>14.3 Transport hazard class(es):</b>	9
Labels:	9
<b>14.4 Packing group:</b>	III
<b>14.5 Marine pollutant:</b>	Yes
<b>14.6 Special precautions for user</b>	
Special regulations:	335, 966, 274, 967, 969
EmS Codes:	F-A, S-F
Physico-Chemical properties:	see section 9
Limited quantities:	5 kg
Segregation group:	Non-applicable
<b>14.7 Maritime transport in bulk according to IMO instruments:</b>	Non-applicable

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2022:



<b>14.1 UN number or ID number:</b>	UN3077
<b>14.2 UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Damascenone; d-limonene)
<b>14.3 Transport hazard class(es):</b>	9
Labels:	9
<b>14.4 Packing group:</b>	III
<b>14.5 Environmental hazards:</b>	Yes
<b>14.6 Special precautions for user</b>	
Physico-Chemical properties:	see section 9
<b>14.7 Maritime transport in bulk according to IMO instruments:</b>	Non-applicable

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable



**SECTION 15: REGULATORY INFORMATION (continued)**

**Seveso III:**

Section	Description	Lower-tier requirements	Upper-tier requirements
E1	ENVIRONMENTAL HAZARDS	100	200

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):**

Non-applicable

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

**Other legislation:**

The product could be affected by sectorial legislation

**15.2 Chemical safety assessment:**

The supplier has not carried out evaluation of chemical safety.

**SECTION 16: OTHER INFORMATION**

**Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

**Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

Non-applicable

**Texts of the legislative phrases mentioned in section 2:**

- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H410: Very toxic to aquatic life with long lasting effects.
- H319: Causes serious eye irritation.

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**CLP Regulation (EC) No 1272/2008:**

- Acute Tox. 4: H302 - Harmful if swallowed.
- Aquatic Acute 1: H400 - Very toxic to aquatic life.
- Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
- Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
- Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
- Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
- Eye Irrit. 2: H319 - Causes serious eye irritation.
- Flam. Liq. 3: H226 - Flammable liquid and vapour.
- Repr. 2: H361 - Suspected of damaging fertility or the unborn child.
- Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
- Skin Irrit. 2: H315 - Causes skin irritation.
- Skin Sens. 1: H317 - May cause an allergic skin reaction.
- Skin Sens. 1A: H317 - May cause an allergic skin reaction.
- Skin Sens. 1B: H317 - May cause an allergic skin reaction.
- STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).
- STOT SE 3: H335 - May cause respiratory irritation.

**Classification procedure:**

- Skin Irrit. 2: Calculation method
- Skin Sens. 1A: Calculation method
- Aquatic Chronic 1: Calculation method
- Eye Irrit. 2: Calculation method

**Advice related to training:**

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**

- <http://echa.europa.eu>
- <http://eur-lex.europa.eu>



SECTION 16: OTHER INFORMATION (continued)

**Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road  
 IMDG: International maritime dangerous goods code  
 IATA: International Air Transport Association  
 ICAO: International Civil Aviation Organisation  
 COD: Chemical Oxygen Demand  
 BOD5: 5day biochemical oxygen demand  
 BCF: Bioconcentration factor  
 LD50: Lethal Dose 50  
 LC50: Lethal Concentration 50  
 EC50: Effective concentration 50  
 LogPOW: Octanolwater partition coefficient  
 Koc: Partition coefficient of organic carbon  
 UFI: unique formula identifier  
 IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.