

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 2/25/2025 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture

Trade name : Duftöl: Peach Blossom UFI : V75M-6C5F-N002-2JG3

Product code :

Type of product : Perfumes, fragrances
Product group : Trade product

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

### 1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use

Industrial/Professional use spec : Industrial

Use of the substance/mixture : Perfumes, fragrances
Function or use category : Odour agents

#### 1.2.2. Uses advised against

No additional information available

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

Hansawax GmbH Lloyd Industriepark Richard-Dunkel-Straße 120 DE– 28199 Bremen T 49-421-57890808

hallo@hansawax.de - www.hansawax.de

### 1.4. Emergency telephone number

Emergency number : 1-800-255-3924; +01-813-248-0585; China:+400-120-0751; Mexico:+01-800-099-0731;

Brazil: +0-800-591-6042; India: +000-800-100-4086

### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

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

Skin sensitisation, Category 1 H317 Hazardous to the aquatic environment – Chronic Hazard, H412

Category 3

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

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

Harmful to aquatic life with long lasting effects. May cause an allergic skin reaction.

### 2.2. Label elements

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

Hazard pictograms (CLP)



GHSU

Signal word (CLP)

Contains : Orange oil ; Linalool; Amyl cinnamic aldehyde; Neryl acetate; Linalyl acetate; Triplal

(Vertocitral); CUPRESSUS FUNEBRIS WOOD OIL; Cinnamic aldehyde

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Hazard statements (CLP) : H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P321 - Specific treatment (see supplemental first aid instruction on this label).

Extra phrases : For professional users only.

#### 2.3. Other hazards

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

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

### **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2(3H)-Furanone, 5-heptyldihydro-	CAS-No.: 104-67-6 EC-No.: 203-225-4 REACH-no: 01-2119959333- 34	8.5 – 17	Aquatic Chronic 3, H412
Benzyl acetate substance with national workplace exposure limit(s) (BE, DK, ES, IE, LT, LV, PT, RO)	CAS-No.: 140-11-4 EC-No.: 205-399-7 REACH-no: 01-2119638272-	8 – 16	Aquatic Chronic 3, H412
Verdox	CAS-No.: 88-41-5 EC-No.: 201-828-7 REACH-no: 01-2119970713- 33	5 – 10	Aquatic Chronic 2, H411
benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371-	2.3 – 4.6	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Ethylene brassylate	CAS-No.: 105-95-3 EC-No.: 203-347-8 REACH-no: 01-2119976314- 33	1.5 – 3	Aquatic Chronic 2, H411
Allyl caproate	CAS-No.: 123-68-2 EC-No.: 204-642-4 REACH-no: 01-2119983573- 26	1.5 – 3	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Orange oil	CAS-No.: 8008-57-9 EC-No.: 232-433-8 REACH-no: 01-2119493353- 35	1.3 – 2.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016-	1.3 – 2.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Amyl cinnamic aldehyde	CAS-No.: 122-40-7 EC-No.: 204-541-5	1 – 2	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Ethyl maltol	CAS-No.: 4940-11-8 EC-No.: 225-582-5	1 – 1.9	Acute Tox. 4 (Oral), H302
Neryl acetate	CAS-No.: 141-12-8 EC-No.: 205-459-2	0.8 – 1.6	Skin Sens. 1B, H317
beta-lonone	CAS-No.: 14901-07-6 EC-No.: 238-969-9	0.8 – 1.5	Aquatic Chronic 2, H411
Dimethylphenylethyl carbinol	CAS-No.: 103-05-9 EC-No.: 203-074-4	0.8 – 1.5	Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Aldehyde C-10	CAS-No.: 112-31-2 EC-No.: 203-957-4	0.7 – 1.4	Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789- 19	0.7 – 1.3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
isopentyl acetate substance with national workplace exposure limit(s) (AT, BE, BG, CY, DE, DK, EE, ES, FI, FR, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, CH, TR); substance with a Community workplace exposure limit	CAS-No.: 123-92-2 EC-No.: 204-662-3 EC Index-No.: 607-130-00-2 REACH-no: 01-2119548408- 32	0.4 – 0.8	Flam. Liq. 3, H226
Triplal (Vertocitral)	CAS-No.: 68039-49-6 EC-No.: 268-264-1	0.4 – 0.7	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
CUPRESSUS FUNEBRIS WOOD OIL	CAS-No.: 85085-29-6 EC-No.: 285-360-9	0.3 – 0.6	Skin Corr. 1, H314 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Cinnamic aldehyde	CAS-No.: 104-55-2 EC-No.: 203-213-9 EC Index-No.: 606-155-00-6 REACH-no: 01-2119935242- 45	0.1 – 0.25	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
benzaldehyde substance with national workplace exposure limit(s) (BG, FI, HU, LT, LV, PL)	CAS-No.: 100-52-7 EC-No.: 202-860-4 EC Index-No.: 605-012-00-5 REACH-no: 01-2119455540-	0.1 – 0.25	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 1B, H360Df STOT SE 3, H335
Alcohol C-8 substance with national workplace exposure limit(s) (BG, DE, LT, LV, RO, SI, CH)	CAS-No.: 111-87-5 EC-No.: 203-917-6	0.1 – 0.15	Eye Irrit. 2, H319 Aquatic Chronic 3, H412

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

### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

4.1. Description of mot ala measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Wash with plenty of water/ Get medical advice/attention. Wash contaminated clothing before reuse. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use. Symptoms/effects after skin contact : May cause an allergic skin reaction.

POISON CENTER/doctor if you feel unwell. Call a poison center or a doctor if you feel

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

Treat symptomatically.

### **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

Suitable extinguishing media : Sand. Water spray. Dry powder. Foam. Carbon dioxide.

unwell.

Unsuitable extinguishing media : Do not use a heavy water stream.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

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#### **SECTION 6: Accidental release measures**

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes.

Avoid breathing dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew

with proper protection. For further information refer to section 8: "Exposure

controls/personal protection".

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

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

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

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or

diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

: Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

Other information

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

### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wash hands and other exposed areas with mild

soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear

personal protective equipment.

Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke

when using this product. Always wash hands after handling the product.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep

container closed when not in use. Keep in fireproof place. Store in a well-ventilated place.

Keep cool.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

Storage temperature : 25 °C

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

Special rules on packaging : Store in a closed container.

Packaging materials : Do not store in corrodable metal.

Germany

Storage class (LGK, TRGS 510) : LGK 10 - Combustible liquids

Joint storage table : I CK 1 I CK 2 I CK 2

LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13

Joint storage not permitted for : LGK 1, LGK 2A, LGK 5.1A, LGK 6.2, LGK 7

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Joint storage with restrictions permitted for : LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2

Joint storage permitted for : LGK 2B, LGK 3, LGK 4.1B, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B,

LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

**Switzerland** 

Storage class (LK) : LK 10/12 - Liquids

### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

DEL TWA         62 mg/m²           Denmark - Occupational Exposure Limits         61 mg/m²           DEL TWA         61 mg/m²           10 ppm         10 ppm           DEL STEL         122 mg/m²           20 ppm         20 ppm           DEL TWA         10 ppm           DEL STEL         30 ppm (calculated)           Latvia - Occupational Exposure Limits         DEL TWA           DEL TWA         5 mg/m²           Lithuania - Occupational Exposure Limits         Prortugal - Occupational Exposure Limits           DEL TWA         5 mg/m²           OEL TWA         10 ppm           OEL TWA         44 - Not Classifiable as a Human Carcinogen           Romania - Occupational Exposure Limits         DEL TWA           DEL TWA         50 mg/m²           3 ppm         OCCUPATIONAL Exposure Limits           DEL TWA         50 mg/m²           3 ppm         Spain - Occupational Exposure Limits           VIA- ED (OEL TWA)         62 mg/m³           10 ppm	Benzyl acetate (140-11-4)		
Denmark - Occupational Exposure Limits  DEL TWA  61 mg/m² 10 ppm  DEL STEL  122 mg/m³ 20 ppm  Interiand - Occupational Exposure Limits  DEL TWA  10 ppm  DEL STEL  10 ppm  DEL STEL  10 ppm  DEL STEL  30 ppm (calculated)  Latvia - Occupational Exposure Limits  DEL TWA  5 mg/m³  Lithuania - Occupational Exposure Limits  DEL TWA  5 mg/m³  DEL TWA  5 mg/m³  DEL TWA  10 ppm  DEL TWA  5 mg/m³  Portugal - Occupational Exposure Limits  DEL TWA  5 mg/m³  DEL TWA  10 ppm  DEL TWA  5 mg/m³  10 ppm  DEL TWA  10 ppm  DEL TWA  50 mg/m³  3 ppm  DEL TWA  60 mg/m³  3 ppm  DEL TWA  60 mg/m³  10 ppm  DEL STEL  80 mg/m³  13 ppm  Spain - Occupational Exposure Limits  DEL STEL  80 mg/m³  10 ppm  DEL STEL  10 ppm	Belgium - Occupational Exposure Limits		
Denmark - Occupational Exposure Limits  OEL TWA  61 mg/m² 10 ppm  OEL STEL  122 mg/m² 20 ppm  ireland - Occupational Exposure Limits  OEL TWA  10 ppm  OEL STEL  30 ppm (calculated)  Latvia - Occupational Exposure Limits  OEL TWA  5 mg/m²  Lithuania - Occupational Exposure Limits  OPL TWA  5 mg/m²  PPV (OEL TWA)  5 mg/m²  Portugal - Occupational Exposure Limits  OEL TWA  10 ppm  OEL TWA  5 mg/m²  Portugal - Occupational Exposure Limits  OEL TWA  5 mg/m²  Portugal - Occupational Exposure Limits  OEL TWA  10 ppm  OEL Chemical category  A4 - Not Classiflable as a Human Carcinogen  Romania - Occupational Exposure Limits  OEL TWA  50 mg/m² 8 ppm  OEL STEL  80 mg/m² 13 ppm  Spain - Occupational Exposure Limits  VIA-ED (OEL TWA)  62 mg/m² 10 ppm	OEL TWA	62 mg/m³	
DEL TWA         61 mg/m³           10 ppm         10 ppm           DEL STEL         122 mg/m³           20 ppm         10 ppm           DEL TWA         10 ppm           DEL STEL         30 ppm (calculated)           Latvia - Occupational Exposure Limits         5 mg/m³           DEL TWA         5 mg/m³           Lithuania - Occupational Exposure Limits         PPV (OEL TWA)           PPV (USEL TWA)         5 mg/m³           POPTugal - Occupational Exposure Limits         OEL TWA           OEL TWA         10 ppm           OEL TWA         4 - Not Classifiable as a Human Carcinogen           Romania - Occupational Exposure Limits         OEL TWA           OEL TWA         50 mg/m²           8 ppm         0EL STEL           0EL STEL         80 mg/m²           13 ppm         3 ppm           Spain - Occupational Exposure Limits         VLA-ED (OEL TWA)           62 mg/m³         10 ppm           USA - ACGIH - Occupational Exposure Limits         10 ppm		10 ppm	
10 ppm  112 mg/m³ 20 ppm  Ireland - Occupational Exposure Limits  OEL TWA  OEL STEL  30 ppm (calculated)  Latvia - Occupational Exposure Limits  OEL TWA  5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA)  5 mg/m³  Portugal - Occupational Exposure Limits  OEL TWA  10 ppm  OEL TWA  10 ppm  OEL TWA  50 mg/m³  A4 - Not Classifiable as a Human Carcinogen  Romania - Occupational Exposure Limits  OEL TWA  50 mg/m³  8 ppm  OEL STEL  80 mg/m³  13 ppm  Spain - Occupational Exposure Limits  VIA-ED (OEL TWA)  62 mg/m³  10 ppm	Denmark - Occupational Exposure Limits		
DEL STEL  122 mg/m³ 20 ppm  Ireland - Occupational Exposure Limits  DEL TWA  10 ppm  OEL STEL  30 ppm (calculated)  Latvia - Occupational Exposure Limits  DEL TWA  DEL TWA  5 mg/m³  Lithuania - Occupational Exposure Limits  PRV (OEL TWA)  5 mg/m³  Portugal - Occupational Exposure Limits  DEL TWA  10 ppm  A4 - Not Classifiable as a Human Carcinogen  Romania - Occupational Exposure Limits  DEL TWA  50 mg/m³  8 ppm  DEL STEL  80 mg/m³  13 ppm  Spain - Occupational Exposure Limits  VIA-ED (OEL TWA)  62 mg/m³  10 ppm  LUSA - ACGIH - Occupational Exposure Limits	OEL TWA	61 mg/m³	
20 ppm		10 ppm	
Ireland - Occupational Exposure Limits  OEL TWA  OEL STEL  30 ppm (calculated)  Latvia - Occupational Exposure Limits  OEL TWA  5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA)  5 mg/m³  5 mg/m³  Portugal - Occupational Exposure Limits  OEL TWA  10 ppm  OEL chemical category  A4 - Not Classifiable as a Human Carcinogen  Romania - Occupational Exposure Limits  OEL TWA  50 mg/m³  8 ppm  OEL STEL  80 mg/m³  8 ppm  OEL STEL  80 mg/m³  13 ppm  Spain - Occupational Exposure Limits  VLA-ED (OEL TWA)  62 mg/m³  10 ppm	OEL STEL	122 mg/m³	
OEL TWA 10 ppm OEL STEL 30 ppm (calculated)  Latvia - Occupational Exposure Limits OEL TWA 5 mg/m²  Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 5 mg/m²  Portugal - Occupational Exposure Limits OEL TWA 10 ppm OEL chemical category A4 - Not Classifiable as a Human Carcinogen  Romania - Occupational Exposure Limits OEL TWA 50 mg/m³ 8 ppm OEL STEL 80 mg/m³ 13 ppm  Spain - Occupational Exposure Limits VLA-ED (OEL TWA) 62 mg/m³ 10 ppm		20 ppm	
DEL STEL 30 ppm (calculated)  Latvia - Occupational Exposure Limits  DEL TWA 5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA) 5 mg/m³  Portugal - Occupational Exposure Limits  DEL TWA 10 ppm  OEL chemical category A4 - Not Classifiable as a Human Carcinogen  Romania - Occupational Exposure Limits  DEL TWA 50 mg/m³  8 ppm  OEL STEL 80 mg/m³  13 ppm  Spain - Occupational Exposure Limits  VLA-ED (OEL TWA) 62 mg/m³  10 ppm	Ireland - Occupational Exposure Limits		
Latvia - Occupational Exposure Limits  OEL TWA  5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA)  5 mg/m³  Portugal - Occupational Exposure Limits  OEL TWA  10 ppm  OEL chemical category  A4 - Not Classifiable as a Human Carcinogen  Romania - Occupational Exposure Limits  OEL TWA  50 mg/m³  8 ppm  OEL STEL  80 mg/m³  13 ppm  Spain - Occupational Exposure Limits  VLA-ED (OEL TWA)  62 mg/m³  10 ppm	OEL TWA	10 ppm	
DEL TWA 5 mg/m³  Lithuania - Occupational Exposure Limits  IPRV (OEL TWA) 5 mg/m³  Portugal - Occupational Exposure Limits  OEL TWA 10 ppm  OEL chemical category A4 - Not Classifiable as a Human Carcinogen  Romania - Occupational Exposure Limits  OEL TWA 50 mg/m³  8 ppm  OEL STEL 80 mg/m³  13 ppm  Spain - Occupational Exposure Limits  VLA-ED (OEL TWA) 62 mg/m³  10 ppm  USA - ACGIH - Occupational Exposure Limits	OEL STEL	30 ppm (calculated)	
Lithuania - Occupational Exposure Limits  IPRV (OEL TWA)  Portugal - Occupational Exposure Limits  OEL TWA  10 ppm  OEL chemical category  A4 - Not Classifiable as a Human Carcinogen  Romania - Occupational Exposure Limits  OEL TWA  50 mg/m³  8 ppm  OEL STEL  80 mg/m³  13 ppm  Spain - Occupational Exposure Limits  VLA-ED (OEL TWA)  62 mg/m³  10 ppm  USA - ACGIH - Occupational Exposure Limits	Latvia - Occupational Exposure Limits		
PRV (OEL TWA) 5 mg/m³  Portugal - Occupational Exposure Limits  OEL TWA 10 ppm  OEL chemical category A4 - Not Classifiable as a Human Carcinogen  Romania - Occupational Exposure Limits  OEL TWA 50 mg/m³ 8 ppm  OEL STEL 80 mg/m³ 13 ppm  Spain - Occupational Exposure Limits  VLA-ED (OEL TWA) 62 mg/m³ 10 ppm  USA - ACGIH - Occupational Exposure Limits	OEL TWA	5 mg/m³	
Portugal - Occupational Exposure Limits  OEL TWA  10 ppm  OEL chemical category  A4 - Not Classifiable as a Human Carcinogen  Romania - Occupational Exposure Limits  OEL TWA  50 mg/m³ 8 ppm  OEL STEL  80 mg/m³ 13 ppm  Spain - Occupational Exposure Limits  VLA-ED (OEL TWA)  62 mg/m³ 10 ppm  USA - ACGIH - Occupational Exposure Limits	Lithuania - Occupational Exposure Limits		
OEL TWA 10 ppm OEL chemical category A4 - Not Classifiable as a Human Carcinogen  Romania - Occupational Exposure Limits OEL TWA 50 mg/m³ 8 ppm OEL STEL 80 mg/m³ 13 ppm  Spain - Occupational Exposure Limits VLA-ED (OEL TWA) 62 mg/m³ 10 ppm  USA - ACGIH - Occupational Exposure Limits	IPRV (OEL TWA)	5 mg/m³	
OEL chemical category  Romania - Occupational Exposure Limits  OEL TWA  50 mg/m³ 8 ppm  OEL STEL  80 mg/m³ 13 ppm  Spain - Occupational Exposure Limits  VLA-ED (OEL TWA)  62 mg/m³ 10 ppm  USA - ACGIH - Occupational Exposure Limits	Portugal - Occupational Exposure Limits		
Romania - Occupational Exposure Limits  OEL TWA  50 mg/m³ 8 ppm  OEL STEL  80 mg/m³ 13 ppm  Spain - Occupational Exposure Limits  VLA-ED (OEL TWA)  62 mg/m³ 10 ppm  USA - ACGIH - Occupational Exposure Limits	OEL TWA	10 ppm	
OEL TWA         50 mg/m³           8 ppm         80 mg/m³           OEL STEL         80 mg/m³           13 ppm         13 ppm           Spain - Occupational Exposure Limits         62 mg/m³           VLA-ED (OEL TWA)         62 mg/m³           10 ppm         10 ppm	OEL chemical category	A4 - Not Classifiable as a Human Carcinogen	
8 ppm  OEL STEL  80 mg/m³  13 ppm  Spain - Occupational Exposure Limits  VLA-ED (OEL TWA)  62 mg/m³  10 ppm  USA - ACGIH - Occupational Exposure Limits	Romania - Occupational Exposure Limits		
OEL STEL  80 mg/m³  13 ppm  Spain - Occupational Exposure Limits  VLA-ED (OEL TWA)  62 mg/m³  10 ppm  USA - ACGIH - Occupational Exposure Limits	OEL TWA	50 mg/m³	
Spain - Occupational Exposure Limits  VLA-ED (OEL TWA)  62 mg/m³  10 ppm  USA - ACGIH - Occupational Exposure Limits		8 ppm	
Spain - Occupational Exposure Limits  VLA-ED (OEL TWA)  62 mg/m³  10 ppm  USA - ACGIH - Occupational Exposure Limits	OEL STEL	80 mg/m³	
VLA-ED (OEL TWA)  62 mg/m³  10 ppm  USA - ACGIH - Occupational Exposure Limits		13 ppm	
10 ppm  USA - ACGIH - Occupational Exposure Limits	Spain - Occupational Exposure Limits		
USA - ACGIH - Occupational Exposure Limits	VLA-ED (OEL TWA)	62 mg/m³	
		10 ppm	
ACGIH OEL TWA 10 ppm	USA - ACGIH - Occupational Exposure Limits		
	ACGIH OEL TWA	10 ppm	

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Benzyl acetate (140-11-4)		
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
isopentyl acetate (123-92-2)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	270 mg/m³	
	50 ppm	
IOEL STEL	540 mg/m³	
	100 ppm	
Austria - Occupational Exposure Limits		
MAK (OEL TWA)	270 mg/m³ (Pentyl acetate (all isomers))	
	50 ppm (Pentyl acetate (all isomers))	
MAK (OEL STEL)	540 mg/m³ (Pentylacetate)	
	100 ppm (Pentylacetate)	
Belgium - Occupational Exposure Limits		
OEL TWA	270 mg/m³	
	50 ppm	
OEL STEL	540 mg/m³	
	100 ppm	
Bulgaria - Occupational Exposure Limits		
OEL TWA	270 mg/m³	
	50 ppm	
OEL STEL	540 mg/m³	
	100 ppm	
Croatia - Occupational Exposure Limits		
GVI (OEL TWA)	270 mg/m³	
	50 ppm	
KGVI (OEL STEL)	540 mg/m³	
	100 ppm	
Cyprus - Occupational Exposure Limits		
OEL TWA	270 mg/m³	
	50 ppm	
OEL STEL	540 mg/m³	
	100 ppm	
Denmark - Occupational Exposure Limits		
OEL TWA	271 mg/m³ (Amyl acetate, all isomers)	
	50 ppm (Amyl acetate, all isomers)	
OEL STEL	540 mg/m³	
	100 ppm	
Estonia - Occupational Exposure Limits		
OEL TWA	270 mg/m³	

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STEL 540 100 land - Occupational Exposure Limits P (OEL TWA) 270	ppm 0 mg/m³ 0 ppm 0 mg/m³ (Pentyl acetate) ppm (Pentyl acetate) 0 mg/m³	
land - Occupational Exposure Limits P (OEL TWA)  270	0 ppm  0 mg/m³ (Pentyl acetate)  ppm (Pentyl acetate)	
land - Occupational Exposure Limits P (OEL TWA) 270	0 mg/m³ (Pentyl acetate) ppm (Pentyl acetate)	
P (OEL TWA)	ppm (Pentyl acetate)	
	ppm (Pentyl acetate)	
50		
	0 mg/m³	
P (OEL STEL) 540		
100	0 ppm	
nce - Occupational Exposure Limits		
E (OEL TWA)	0 mg/m³ (restrictive limit)	
50	ppm (restrictive limit)	
E (OEL C/STEL) 540	0 mg/m³ (restrictive limit)	
100	0 ppm (restrictive limit)	
many - Occupational Exposure Limits (TRGS 900)		
W (OEL TWA)	0 mg/m³	
50	ppm	
raltar - Occupational Exposure Limits		
_ TWA 270	0 mg/m³	
50	ppm	
STEL 540	0 mg/m³	
100	0 ppm	
Greece - Occupational Exposure Limits		
_ TWA 530	0 mg/m³	
100	0 ppm	
STEL 800	0 mg/m³	
150	0 ppm	
ngary - Occupational Exposure Limits		
(OEL TWA) 270	0 mg/m³	
(OEL STEL) 540	0 mg/m³	
Ireland - Occupational Exposure Limits		
_TWA 260	0 mg/m³	
50	ppm	
STEL 520	0 mg/m³	
100	0 ppm	
Italy - Occupational Exposure Limits		
_ TWA 270	0 mg/m³	
50	ppm	
STEL 540	0 mg/m³	
100	0 ppm	

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isopentyl acetate (123-92-2)			
Latvia - Occupational Exposure Limits			
OEL TWA	270 mg/m³		
	50 ppm		
Lithuania - Occupational Exposure Limits			
IPRV (OEL TWA)	270 mg/m³		
	50 ppm		
TPRV (OEL STEL)	540 mg/m³		
	100 ppm		
Luxembourg - Occupational Exposure Limits			
OEL TWA	270 mg/m³		
	50 ppm		
OEL STEL	540 mg/m³		
	100 ppm		
Malta - Occupational Exposure Limits			
OEL TWA	270 mg/m³		
	50 ppm		
OEL STEL	540 mg/m³		
	100 ppm		
Netherlands - Occupational Exposure Limits	Netherlands - Occupational Exposure Limits		
TGG-15min (OEL STEL)	530 mg/m³		
	98.1 ppm		
Poland - Occupational Exposure Limits			
NDS (OEL TWA)	250 mg/m³		
NDSCh (OEL STEL)	500 mg/m³		
Portugal - Occupational Exposure Limits			
OEL TWA	270 mg/m³ (indicative limit value)		
	50 ppm (indicative limit value (Pentyl acetate, all isomers)		
OEL STEL	540 mg/m³ (indicative limit value)		
	100 ppm (indicative limit value)		
Romania - Occupational Exposure Limits			
OEL TWA	270 mg/m³		
	50 ppm		
OEL STEL	540 mg/m³		
	100 ppm		
Slovakia - Occupational Exposure Limits			
NPHV (OEL TWA)	270 mg/m³		
	50 ppm		
NPHV (OEL C)	540 mg/m³		

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isopentyl acetate (123-92-2)	
Slovenia - Occupational Exposure Limits	
OEL TWA	270 mg/m³
	50 ppm
OEL STEL	540 mg/m³
	100 ppm
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA)	270 mg/m³ (indicative limit value)
	50 ppm (indicative limit value)
VLA-EC (OEL STEL)	540 mg/m³
	100 ppm
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	270 mg/m³ (Pentyl acetates)
	50 ppm (Pentyl acetates)
KGV (OEL STEL)	540 mg/m³ (Pentyl acetates)
	100 ppm (Pentyl acetates)
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA)	260 mg/m³
	50 ppm
Korttidsverdi (OEL STEL)	325 mg/m³ (value calculated)
	75 ppm (value calculated)
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA)	260 mg/m³ (Pentyl acetate all isomers)
	50 ppm (Pentyl acetate all isomers)
KZGW (OEL STEL)	260 mg/m³ (Pentyl acetate all isomers)
	50 ppm (Pentyl acetate all isomers)
USA - ACGIH - Occupational Exposure Limits	<b>.</b>
ACGIH OEL TWA	50 ppm (Pentyl acetate, all isomers)
ACGIH OEL STEL	100 ppm (Pentyl acetate, all isomers)
benzaldehyde (100-52-7)	
Bulgaria - Occupational Exposure Limits	
OEL TWA	5 mg/m³
Finland - Occupational Exposure Limits	
HTP (OEL TWA)	4.4 mg/m³
	1 ppm
HTP (OEL C)	17.4 mg/m³
	4 ppm
Hungary - Occupational Exposure Limits	
AK (OEL TWA)	5 mg/m³
CK (OEL STEL)	10 mg/m³

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benzaldehyde (100-52-7)		
Latvia - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	5 mg/m³	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	10 mg/m³	
NDSCh (OEL STEL)	40 mg/m³	
Alcohol C-8 (111-87-5)		
Bulgaria - Occupational Exposure Limits		
OEL TWA	10 mg/m³	
Germany - Occupational Exposure Limits (TRGS 90	0)	
AGW (OEL TWA)	54 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed (long-chain Alcohols)	
	10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed (long-chain Alcohols)	
Latvia - Occupational Exposure Limits		
OEL TWA	10 mg/m³ (Octanol)	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	10 mg/m³	
Romania - Occupational Exposure Limits		
OEL TWA	150 mg/m³	
	28 ppm	
OEL STEL	250 mg/m³	
	47 ppm	
OEL chemical category	Skin notation	
Slovenia - Occupational Exposure Limits		
OEL TWA	106 mg/m³	
	20 ppm	
OEL STEL	106 mg/m³	
	20 ppm	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA)	106 mg/m³	
	20 ppm	
KZGW (OEL STEL)	106 mg/m³	
	20 ppm	

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

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#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

### Personal protective equipment:

Avoid all unnecessary exposure.

### Personal protective equipment symbol(s):





#### 8.2.2.1. Eye and face protection

#### Eye protection:

Chemical goggles or safety glasses. Safety glasses

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Wear protective gloves.

### 8.2.2.3. Respiratory protection

### Respiratory protection:

Wear appropriate mask

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

### **Environmental exposure controls:**

Avoid release to the environment.

### Other information:

Do not eat, drink or smoke during use.

### **SECTION 9: Physical and chemical properties**

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

Physical state : Liquid

Colour : light yellow. amber. Conforms to standard.

Odour : characteristic.
Odour threshold : Not available
Melting point : Not applicable
Freezing point : Not available
Boiling point : Not available

Flammability : Not applicable, Combustible liquid

Lower explosion limit: Not availableUpper explosion limit: Not availableFlash point: 75 °C

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Auto-ignition temperature : Not available
Decomposition temperature : Not available
pH : Not available
Viscosity, kinematic : Not available
Solubility : Not available
Partition coefficient n-octanol/water (Log Kow) : Not available

Vapour pressure : 0.014421606 mm Hg (calculated value)

Vapour pressure at 50°C : Not available
Density : Not available
Relative density : Not available
Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

#### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

VOC content : 43.7015 % (calculated value)(CARB VOC) (%w/w)

### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Combustible liquid. May form flammable/explosive vapour-air mixture.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

### **SECTION 11: Toxicological information**

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

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

2(3H)-Furanone, 5-heptyldihydro- (104-67-6)	
LD50 oral rat	18500 mg/kg (Source: NLM_CIP)
LD50 dermal rat	> 2000 mg/kg (Source: ECHA)
Benzyl acetate (140-11-4)	
LD50 oral rat	2490 mg/kg (Source: JAPAN_GHS)
LD50 oral	2490 mg/kg bodyweight

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Benzyl acetate (140-11-4)	
LD50 dermal rabbit	> 5000 mg/kg (Source: JAPAN_GHS)
Verdox (88-41-5)	
LD50 oral rat	4600 mg/kg (Source: NLM_CIP)
LD50 oral	4600 mg/kg
benzyl benzoate (120-51-4)	
LD50 oral rat	> 2000 mg/kg (Source: ECHA_API)
LD50 oral	1160 mg/kg bodyweight
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)
Ethylene brassylate (105-95-3)	
LD50 oral rat	> 5000 mg/kg (Source: ECHA)
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA)
Allyl caproate (123-68-2)	
LD50 oral	218 mg/kg
LD50 dermal rabbit	820 mg/kg (Source: ECHA_API)
LD50 dermal	300 mg/kg
Orange oil (8008-57-9)	
LD50 oral rat	4400 mg/kg (Source: NZ_CCID)
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
Linalool (78-70-6)	
LD50 oral	2790 mg/kg
Amyl cinnamic aldehyde (122-40-7)	
LD50 oral rat	3730 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 2000 mg/kg (Source: CHEMVIEW)
Ethyl maltol (4940-11-8)	
LD50 oral rat	1150 mg/kg (Source: NLM_CIP)
LD50 oral	1200 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)
Neryl acetate (141-12-8)	
LD50 oral rat	> 2000 mg/kg (Source: ECHA)
LD50 dermal rabbit	> 6 ml/kg (Source: ECHA_API)
beta-lonone (14901-07-6)	
LD50 oral rat	4590 mg/kg (Source: NLM_HSDB)
LD50 oral	3940 mg/kg bodyweight
Dimethylphenylethyl carbinol (103-05-9)	
LD50 oral rat	2200 mg/kg (Source: NLM_CIP)
LD50 oral	2500 mg/kg bodyweight
LD50 dermal	3260 mg/kg bodyweight

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Dimethylphenylethyl carbinol (103-05-9)		
LC50 Inhalation - Rat	> 4.63 mg/l/4h	
Aldehyde C-10 (112-31-2)		
LD50 oral rat	3730 mg/kg (Source: NLM_HSDB)	
LD50 dermal rabbit	5040 mg/kg (Source: NLM_HSDB)	
Linalyl acetate (115-95-7)		
LD50 oral rat	14550 mg/kg (Source: EPA_HPV)	
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA)	
LC50 Inhalation - Rat	> 18.94 mg/l (Exposure time: 8 h Source: ECHA)	
Triplal (Vertocitral) (68039-49-6)		
LD50 oral	2330 mg/kg	
Cinnamic aldehyde (104-55-2)		
LD50 oral rat	2220 mg/kg (Source: NLM_CIP)	
LD50 oral	2220 mg/kg	
LD50 dermal rabbit	1260 mg/kg (Source: EPA_HPV)	
benzaldehyde (100-52-7)		
LD50 oral rat	1292 mg/kg (Source: JAPAN_GHS)	
LD50 dermal rabbit	> 1250 mg/kg (Source: JAPAN_GHS)	
LC50 Inhalation - Rat	< 5 mg/l/4h	
Alcohol C-8 (111-87-5)		
LD50 oral rat	> 5000 mg/kg (Source: ECHA)	
LD50 dermal rabbit	> 5 g/kg (Source: NLM_HSDB)	
	Not classified	
, 3	Not classified	
· · · · ·	May cause an allergic skin reaction.  Not classified	
	Not classified	
Benzyl acetate (140-11-4)		
IARC group	3 - Not classifiable	
	Not classified	
STOT-single exposure :	Not classified	
benzaldehyde (100-52-7)		
STOT-single exposure	May cause respiratory irritation.	
STOT-repeated exposure :	Not classified	
Aspiration hazard :	Not classified	
benzyl benzoate (120-51-4)		
Viscosity, kinematic	7.456 mm²/s	

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No additional information available

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### 11.2.2. Other information

Potential adverse human health effects and symptoms

: Based on available data, the classification criteria are not met, Harmful if swallowed.

## SECTION 12: Ecological information

### 12.1. Toxicity

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

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

Hazardous to the aquatic environment, long-term

: Harmful to aquatic life with long lasting effects.

(chronic)

chronic)		
2(3H)-Furanone, 5-heptyldihydro- (104	-67-6)	
LC50 - Fish [1]	569 mg/l 96 h	
EC50 - Crustacea [1]	5.85 mg/l 48 h	
EC50 - Other aquatic organisms [1]	5.94 mg/l 72 h	
benzyl benzoate (120-51-4)		
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)	
NOEC (chronic)	0.168 mg/l	
Allyl caproate (123-68-2)		
LC50 - Fish [1]	0.117 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)	
Linalool (78-70-6)		
EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodesmus subspicatus)	
Ethyl maltol (4940-11-8)		
LC50 - Fish [1]	> 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: ECHA)	
Dimethylphenylethyl carbinol (103-05-9)		
LC50 - Fish [1]	66.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)	
Aldehyde C-10 (112-31-2)		
LC50 - Fish [1]	1.45 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA)	
Linalyl acetate (115-95-7)		
LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA)	
benzaldehyde (100-52-7)		
LC50 - Fish [1]	10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: EPA)	
LC50 - Fish [2]	12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)	
Alcohol C-8 (111-87-5)		
LC50 - Fish [1]	11.4 – 12.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)	
LC50 - Fish [2]	17.68 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)	

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12.2. Persistence and degradability		
Duftöl: Peach Blossom		
Persistence and degradability	Not established.	
2(3H)-Furanone, 5-heptyldihydro- (104-67-6)		
Persistence and degradability	Rapidly degradable	
Benzyl acetate (140-11-4)		
Persistence and degradability	Rapidly degradable	
Verdox (88-41-5)		
Persistence and degradability	Rapidly degradable	
benzyl benzoate (120-51-4)		
Persistence and degradability	May cause long-term adverse effects in the environment.	
Ethylene brassylate (105-95-3)		
Persistence and degradability	Rapidly degradable	
Allyl caproate (123-68-2)		
Persistence and degradability	Rapidly degradable	
Orange oil (8008-57-9)		
Persistence and degradability	Rapidly degradable	
Linalool (78-70-6)		
Persistence and degradability	Rapidly degradable	
Amyl cinnamic aldehyde (122-40-7)		
Persistence and degradability	Rapidly degradable	
Ethyl maltol (4940-11-8)		
Persistence and degradability	Rapidly degradable	
Neryl acetate (141-12-8)		
Persistence and degradability	Rapidly degradable	
beta-lonone (14901-07-6)		
Persistence and degradability	Rapidly degradable	
Dimethylphenylethyl carbinol (103-05-9)		
Persistence and degradability	Rapidly degradable	
Aldehyde C-10 (112-31-2)		
Persistence and degradability	Rapidly degradable	
Linalyl acetate (115-95-7)		
Persistence and degradability	Rapidly degradable	
isopentyl acetate (123-92-2)		
Persistence and degradability	Rapidly degradable	
Triplal (Vertocitral) (68039-49-6)		
Persistence and degradability	Rapidly degradable	

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<b>CUPRESSUS FUNEBRIS WOOD OIL (85085-29</b>	9-6)
Persistence and degradability	Rapidly degradable
Cinnamic aldehyde (104-55-2)	
Persistence and degradability	Rapidly degradable
benzaldehyde (100-52-7)	
Persistence and degradability	Rapidly degradable
Alcohol C-8 (111-87-5)	
Persistence and degradability	Rapidly degradable
12.3. Bioaccumulative potential	
Duftöl: Peach Blossom	
Bioaccumulative potential	Not established.
2(3H)-Furanone, 5-heptyldihydro- (104-67-6)	
Partition coefficient n-octanol/water (Log Pow)	3.6 (at 25 °C)
Benzyl acetate (140-11-4)	
Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 7)
benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
Bioaccumulative potential	Not established.
Ethylene brassylate (105-95-3)	
Partition coefficient n-octanol/water (Log Pow)	4.3 (at 25 °C (at pH 6.4-7)
Allyl caproate (123-68-2)	
Partition coefficient n-octanol/water (Log Pow)	3.191 (at 20 °C (at pH 5)
Amyl cinnamic aldehyde (122-40-7)	
Partition coefficient n-octanol/water (Log Pow)	2.498 (at 25 °C (at pH 6.2)
Ethyl maltol (4940-11-8)	
Partition coefficient n-octanol/water (Log Pow)	2.9 (at 25 °C)
Neryl acetate (141-12-8)	
Partition coefficient n-octanol/water (Log Pow)	3.98 (at 37 °C (at pH 7.2)
beta-lonone (14901-07-6)	
Partition coefficient n-octanol/water (Log Pow)	1.903 (at 27 °C (at pH 5.7)
Dimethylphenylethyl carbinol (103-05-9)	
Partition coefficient n-octanol/water (Log Pow)	2.41 (at 25 °C (at pH >=7.68-<=7.72)
Aldehyde C-10 (112-31-2)	
Partition coefficient n-octanol/water (Log Pow)	3.8 (at 35 °C)
Linalyl acetate (115-95-7)	

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isopentyl acetate (123-92-2)		
Partition coefficient n-octanol/water (Log Pow)	2.7 (at 35 °C)	
Cinnamic aldehyde (104-55-2)		
Partition coefficient n-octanol/water (Log Pow) 2.1065 (at 25 °C)		
benzaldehyde (100-52-7)		
BCF - Fish [1]	(no significant bioaccumulation)	
Partition coefficient n-octanol/water (Log Pow) 1.4 (at 25 °C)		
Alcohol C-8 (111-87-5)		
Partition coefficient n-octanol/water (Log Pow)	3.5 (at 23 °C (at pH 5.7)	

### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

### **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Waste treatment methods

Product/Packaging disposal recommendations

**Ecological information** 

HP Code

- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/national laws and regulations.
- : Avoid release to the environment.
- : HP4 "Irritant skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

### **SECTION 14: Transport information**

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID n	umber			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard	14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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ADR	IMDG	IATA	ADN	RID
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

### **Overland transport**

Not applicable

### Transport by sea

Not applicable

#### Air transport

Not applicable

#### **Inland waterway transport**

Not applicable

#### Rail transport

Not applicable

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

Not applicable

### **SECTION 15: Regulatory information**

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

### 15.1.1. EU-Regulations

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

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(a)	Orange oil ; isopentyl acetate	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	Duftöl: Peach Blossom; benzyl benzoate; Allyl caproate; Orange oil; Linalool; Amyl cinnamic aldehyde; Neryl acetate; Dimethylphenylethyl carbinol; Aldehyde C-10; Linalyl acetate; Triplal (Vertocitral); CUPRESSUS FUNEBRIS WOOD OIL; Cinnamic aldehyde; benzaldehyde; Alcohol C-8	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

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EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(c)	Duftöl: Peach Blossom; 2(3H)-Furanone, 5- heptyldihydro-; Benzyl acetate; Verdox; benzyl benzoate; Ethylene brassylate; Allyl caproate; Orange oil; Amyl cinnamic aldehyde; beta-Ionone; Dimethylphenylethyl carbinol; Aldehyde C-10; Triplal (Vertocitral); CUPRESSUS FUNEBRIS WOOD OIL; Cinnamic aldehyde; Alcohol C-8	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
40.	Orange oil ; isopentyl acetate	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

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

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

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

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

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

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

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

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

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

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

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

#### VOC Directive (2004/42)

VOC content : 43.7015 % (calculated value)(CARB VOC) (%w/w)

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

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

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

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

### Safety Data Sheet

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

#### 15.1.2. National regulations

#### **France**

Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

#### Germany

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).

List of sensitizing substances (TRGS 907) : Contains sensitizing substances according TRGS 907.

Major Accidents Ordinance (12. BImSchV) : Is not subject to the Major Accidents Ordinance (12. BImSchV)

**Netherlands** 

ABM category : A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic

environment

SZW-lijst van kankerverwekkende stoffen

SZW-lijst van mutagene stoffen

Orange oil ,Triplal (Vertocitral),CUPRESSUS FUNEBRIS WOOD OIL are listed
 Orange oil ,Triplal (Vertocitral),CUPRESSUS FUNEBRIS WOOD OIL are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding

: None of the components are listed

SZW-lijst van reprotoxische stoffen –

: None of the components are listed

SZW-iijst van reprotoxische stoπen -Vruchtbaarheid

SZW-lijst van reprotoxische stoffen - Ontwikkeling

: None of the components are listed

**Denmark** 

Class for fire hazard : Class III-1 Store unit : 50 liter

Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines

for the storage of flammable liquids must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with

the product

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### **SECTION 16: Other information**

Other information : None.

Full text of H- and EUH-statements:		
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	

### Safety Data Sheet

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

Full text of H- and EUH-statements:	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
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.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H360Df	May damage the unborn child. Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Repr. 1B	Reproductive toxicity, Category 1B
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

The classification complies with Safety Data Sheet (SDS), EU

: ATP 12

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