

# Masquerade Ball

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 12/16/2020

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Masquerade Ball  
UFI : F546-A3D6-600U-TMS8  
Product code :  
Type of product : Perfumes, Fragrances  
Product group : Finished Good

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use  
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

Kandara Oils Ltd  
Unit 11, Agecroft Enterprise Park, Shearer Way,  
Manchester, M27 8WA +447786556114  
[kandaraoils@gmail.com](mailto:kandaraoils@gmail.com) - [www.kandaraoils.co.uk](http://www.kandaraoils.co.uk)

#### 1.4. Emergency telephone number

Emergency number : +44 77865 56114

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Acute toxicity (oral) Category 4 H302  
Skin corrosion/irritation Category 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Skin sensitization, Category 1 H317  
Hazardous to the aquatic environment - Chronic Hazard Category 2 H411  
Full text of H statements : see section 16

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

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

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) :

Warning

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Contains	: Citronellol Pure; Linalyl acetate; Coumarin crystals; Cyclamal; Hexyl salicylate; Helional; Linalool; Iso E Super; Benzyl benzoate; d-Limonene; Triplal (Vertocitral); Isoeugenol; delta-Damascone; bourgeonal
Hazard statements (CLP)	: H302 - Harmful if swallowed. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. 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. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

No additional information available

## 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]
Benzyl benzoate	(CAS-No.) 120-51-4 (EC-No.) 204-402-9 (EC Index-No.) 607-085-00-9 (REACH-no) 01-2119976371-33	16.925 – 33.85	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Hexyl salicylate	(CAS-No.) 6259-76-3 (EC-No.) 228-408-6	4.7515 – 9.53	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Iso E Super	(CAS-No.) 54464-57-2 (EC-No.) 259-174-3 (REACH-no) 01-2119489989-04	4.25 – 8.5	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Phenylethyl alcohol	(CAS-No.) 60-12-8 (EC-No.) 200-456-2 (REACH-no) 01-2119963921-31	3.5 – 7	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Cyclamal	(CAS-No.) 103-95-7 (EC-No.) 203-161-7 (REACH-no) 01-2119970582-32	3.25 – 6.5	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Linalool	(CAS-No.) 78-70-6 (EC-No.) 201-134-4 (EC Index-No.) 603-235-00-2 (REACH-no) 01-2119474016-42	3 – 6	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Benzyl acetate	(CAS-No.) 140-11-4 (EC-No.) 205-399-7 (REACH-no) 01-2119638272-42	2 – 4	Aquatic Chronic 3, H412
Ethylene brassylate	(CAS-No.) 105-95-3 (EC-No.) 203-347-8 (REACH-no) 01-2119967772-24	1.5 – 3	Aquatic Chronic 2, H411

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Citronellol Pure	(CAS-No.) 106-22-9 (EC-No.) 203-375-0 (REACH-no) 01-2119453995-23	1.4 – 2.8	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Patchouli oil	(CAS-No.) 8014-09-3 (EC Index-No.) 616-944-7	0.75 – 1.5	Asp. Tox. 1, H304 Aquatic Chronic 2, H411
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	(CAS-No.) 63500-71-0 (EC-No.) 405-040-6 (EC Index-No.) 603-101-00-3 (REACH-no) 01-000015458-64	0.575 – 1.24999	Eye Irrit. 2, H319
Linalyl acetate	(CAS-No.) 115-95-7 (EC-No.) 204-116-4 (REACH-no) 01-2119454789-19	0.35 – 0.7	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Coumarin crystals	(CAS-No.) 91-64-5 (EC-No.) 202-086-7 (REACH-no) 01-2119943756-26	0.25 – 0.5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411
d-Limonene	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7 (REACH-no) 01-2119493353-35	0.25 – 0.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Helional	(CAS-No.) 1205-17-0 (EC-No.) 214-881-6 (REACH-no) 01-2120740119-58	0.125 – 0.25	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
bourgeonal	(CAS-No.) 18127-01-0 (EC-No.) 242-016-2	0.125 – 0.25	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Repr. 2, H361 STOT RE 2, H373 Aquatic Chronic 3, H412
3,3-Dimethyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol	(CAS-No.) 107898-54-4 (EC-No.) 411-580-3 (EC Index-No.) 603-150-00-0	0.1 – 0.2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
para-Cresyl methyl ether	(CAS-No.) 104-93-8 (EC-No.) 203-253-7	0.1 – 0.2	Acute Tox. 4 (Oral), H302 Repr. 2, H361 Skin Irrit. 2, H315
Triplal (Vertocitral)	(CAS-No.) 68039-49-6 (EC-No.) 268-264-1	0.075 – 0.15	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
delta-Damascone	(CAS-No.) 57378-68-4 (EC-No.) 260-709-8	0.075 – 0.15	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Methyl salicylate	(CAS-No.) 119-36-8 (EC-No.) 204-317-7	0.05 – 0.1	Acute Tox. 4 (Oral), H302 Repr. 2, H361
Isoeugenol	(CAS-No.) 97-54-1 (EC-No.) 202-590-7 (EC Index-No.) 604-094-00-X; 202-590-1 (REACH-no) 17-2119417630-49	0.05 – 0.1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Isoeugenol	(CAS-No.) 97-54-1 (EC-No.) 202-590-7 (EC Index-No.) 604-094-00-X; 202-590-1 (REACH-no) 17-2119417630-49	( 0.01 ≤C < 100) Skin Sens. 1A, H317

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Call a poison center/doctor/physician if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Call a poison center/doctor/physician if you feel unwell.

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

Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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### 5.3. Advice for firefighters

Protection during firefighting	: 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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.
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#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray.
Hygiene measures	: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions	: Store in a well-ventilated place. Keep cool.
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### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Benzyl acetate (140-11-4)	
<b>Belgium - Occupational Exposure Limits</b>	
Limit value [mg/m <sup>3</sup> ]	62 mg/m <sup>3</sup>
Limit value [ppm]	10 ppm
<b>Denmark - Occupational Exposure Limits</b>	
Grænseværdi (8 timer) (mg/m <sup>3</sup> )	61 mg/m <sup>3</sup>
Grænseværdi (8 timer) (ppm)	10 ppm
<b>Ireland - Occupational Exposure Limits</b>	
OEL (8 hours ref) (ppm)	10 ppm
OEL (15 min ref) (ppm)	30 ppm (calculated)
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
<b>Portugal - Occupational Exposure Limits</b>	
OEL TWA (ppm)	10 ppm
OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen
<b>Romania - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
OEL TWA (ppm)	8 ppm
OEL STEL (mg/m <sup>3</sup> )	80 mg/m <sup>3</sup>

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<b>Benzyl acetate (140-11-4)</b>	
OEL STEL (ppm)	13 ppm
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
VLA-ED (ppm)	10 ppm
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH TWA (ppm)	10 ppm
ACGIH chemical category	Not Classifiable as a Human Carcinogen
<b>d-Limonene (5989-27-5)</b>	
<b>Finland - Occupational Exposure Limits</b>	
HTP-arvo (8h) (mg/m <sup>3</sup> )	140 mg/m <sup>3</sup>
HTP-arvo (8h) (ppm)	25 ppm
HTP-arvo (15 min)	280 mg/m <sup>3</sup>
HTP-arvo (15 min) (ppm)	50 ppm
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Occupational exposure limit value (mg/m <sup>3</sup> )	28 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Occupational exposure limit value (ppm)	5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Chemical category	skin notation, Skin sensitization
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	28 mg/m <sup>3</sup>
OEL TWA (ppm)	5 ppm
OEL STEL (mg/m <sup>3</sup> )	112 mg/m <sup>3</sup>
OEL STEL (ppm)	20 ppm
OEL chemical category (SI)	Potential for cutaneous absorption
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (mg/m <sup>3</sup> )	168 mg/m <sup>3</sup>
VLA-ED (ppm)	30 ppm
OEL chemical category (ES)	Sensitizer, skin - potential for cutaneous absorption
<b>Norway - Occupational Exposure Limits</b>	
TWA (AN) (mg/m <sup>3</sup> )	140 mg/m <sup>3</sup>
TWA (AN) (ppm)	25 ppm
TWA (Korttidsverdi) (mg/m <sup>3</sup> )	175 mg/m <sup>3</sup> (value calculated)
TWA (Korttidsverdi) (ppm)	37.5 ppm (value calculated)
OEL chemical category (NO)	Sensitizing substance
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (mg/m <sup>3</sup> )	40 mg/m <sup>3</sup>
MAK (ppm)	7 ppm
KZGW (mg/m <sup>3</sup> )	80 mg/m <sup>3</sup>
KZGW (ppm)	14 ppm

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### d-Limonene (5989-27-5)

OEL chemical category (CH)

Sensitizer

## 8.2. Exposure controls

### Appropriate engineering controls:

Ensure good ventilation of the work station.

### Hand protection:

Protective gloves

### Eye protection:

Safety glasses

### Skin and body protection:

Wear suitable protective clothing

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Personal protective equipment symbol(s):



### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Color	: light yellow. amber.
Odor	: characteristic.
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 93 °C (closed cup) ASTM D7094
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 1.03
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

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### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Love at First Light #EU35795F

ATE CLP (oral)	1297.85 mg/kg body weight
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#### Benzyl acetate (140-11-4)

LD50 oral	2490 mg/kg
LD50 oral	2490 mg/kg body weight
LD50 dermal	> 5000 mg/kg

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

LD50 oral	3450 mg/kg
LD50 oral	3450 mg/kg body weight
LD50 dermal	2650 mg/kg
LD50 dermal	2650 mg/kg body weight

#### Linalyl acetate (115-95-7)

LD50 oral	14550 mg/kg
LD50 dermal	> 5000 mg/kg



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<b>Coumarin crystals (91-64-5)</b>	
LD50 oral	> 5000 mg/kg
LD50 oral	500 mg/kg body weight
LD50 dermal	> 2000 mg/kg

<b>Cyclamal (103-95-7)</b>	
LD50 oral	3810 mg/kg
LD50 oral	3810 mg/kg body weight

<b>Hexyl salicylate (6259-76-3)</b>	
LD50 oral	> 5 g/kg

<b>3,3-Dimethyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol (107898-54-4)</b>	
LD50 oral	> 2000 mg/kg
LD50 dermal	> 2000 mg/kg

<b>Ethylene brassylate (105-95-3)</b>	
LD50 oral	> 5000 mg/kg
LD50 dermal	> 5000 mg/kg

<b>Linalool (78-70-6)</b>	
LD50 oral	2790 mg/kg body weight

<b>Patchouli oil (8014-09-3)</b>	
LD50 oral	> 5 g/kg

<b>Benzyl benzoate (120-51-4)</b>	
LD50 oral	500 mg/kg
LD50 oral	1500 mg/kg body weight
LD50 dermal	4000 mg/kg
LD50 dermal	4000 mg/kg body weight

<b>d-Limonene (5989-27-5)</b>	
LD50 oral	4400 mg/kg
LD50 dermal	> 5 g/kg

<b>Phenylethyl alcohol (60-12-8)</b>	
LD50 oral	1609 mg/kg
LD50 oral	1610 mg/kg body weight
LD50 dermal	2535 mg/kg
LD50 dermal	2500 mg/kg body weight
LC50 Inhalation	> 4.63 mg/l/4h

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<b>Triplal (Vertocitral) (68039-49-6)</b>	
LD50 oral	3900 mg/kg body weight

<b>Methyl salicylate (119-36-8)</b>	
LD50 oral	887 mg/kg
LD50 oral	890 mg/kg body weight
LD50 dermal	> 5000 mg/kg

<b>Isoeugenol (97-54-1)</b>	
LD50 oral	1560 mg/kg
LD50 oral	1500 mg/kg body weight
LD50 dermal	1912 mg/kg body weight

<b>delta-Damascone (57378-68-4)</b>	
LD50 oral	1400 mg/kg body weight

<b>bourgeonal (18127-01-0)</b>	
LD50 oral	2700 mg/kg
LD50 oral	2500 mg/kg body weight

<b>para-Cresyl methyl ether (104-93-8)</b>	
LD50 oral	1920 mg/kg
LD50 oral	1900 mg/kg body weight
LD50 dermal	> 5 g/kg
LC50 Inhalation	> 6.1 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

<b>Benzyl acetate (140-11-4)</b>	
IARC group	3 - Not classifiable

<b>Coumarin crystals (91-64-5)</b>	
IARC group	3 - Not classifiable

<b>d-Limonene (5989-27-5)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

#### Linalyl acetate (115-95-7)

LC50 fish 1	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through])
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#### Linalool (78-70-6)

EC50 96h algae (1)	88.3 mg/l (Species: Desmodesmus subspicatus)
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#### Benzyl benzoate (120-51-4)

LC50 fish 1	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
NOEC (chronic)	0.168 mg/l

#### d-Limonene (5989-27-5)

LC50 fish 1	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

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

EC50 Daphnia 1	287.17 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae 1	490 mg/l (Species: Desmodesmus subspicatus)

#### para-Cresyl methyl ether (104-93-8)

EC50 Daphnia 1	44.2 mg/l (Exposure time: 48 h - Species: Daphnia magna Straus)
EC50 72h algae 1	320 mg/l (Species: Desmodesmus subspicatus)
EC50 96h algae (1)	390 mg/l (Species: Desmodesmus subspicatus)

#### 12.2. Persistence and degradability

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

Persistence and degradability	May cause long-term adverse effects in the environment.
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#### 12.3. Bioaccumulative potential

#### Benzyl acetate (140-11-4)

Partition coefficient n-octanol/water (Log Pow)	1.96
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#### Benzyl benzoate (120-51-4)

Partition coefficient n-octanol/water (Log Pow)	4
Bioaccumulative potential	Not established.

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

Partition coefficient n-octanol/water (Log Pow)	1.38 (at 25 °C)
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### Methyl salicylate (119-36-8)

Partition coefficient n-octanol/water (Log Pow) 2.55

### para-Cresyl methyl ether (104-93-8)

Partition coefficient n-octanol/water (Log Pow) 2.659

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

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

### 14.1. UN number

UN-No. (ADR) : UN 3082  
UN-No. (IMDG) : UN 3082  
UN-No. (IATA) : UN 3082  
UN-No. (ADN) : Not regulated  
UN-No. (RID) : Not regulated

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.  
Proper Shipping Name (ADN) : Not regulated  
Proper Shipping Name (RID) : Not regulated  
Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexyl Salicylate), 9, III, (-)  
Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexyl Salicylate), 9, III, MARINE POLLUTANT  
Transport document description (IATA) : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Hexyl Salicylate), 9, III

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 9  
Hazard labels (ADR) : 9



#### IMDG

Transport hazard class(es) (IMDG) : 9

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Hazard labels (IMDG) : 9



### IATA

Transport hazard class(es) (IATA) : 9

Hazard labels (IATA) : 9



### ADN

Transport hazard class(es) (ADN) : Not regulated

### RID

Transport hazard class(es) (RID) : Not regulated

## 14.4. Packing group

Packing group (ADR) : III

Packing group (IMDG) : III

Packing group (IATA) : III

Packing group (ADN) : Not regulated

Packing group (RID) : Not regulated

## 14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes

Other information : No supplementary information available

## 14.6. Special precautions for user

### Overland transport

Classification code (ADR) : M6

Special provision (ADR) : 274, 335, 375, 601

Limited quantities (ADR) : 5I

Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1

Mixed packing provisions (ADR) : MP19

Portable tank and bulk container instructions (ADR) : T4

Portable tank and bulk container special provisions (ADR) : TP1, TP29

Tank code (ADR) : LGBV


Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage - Packages (ADR) : V12

Special provisions for carriage - Loading, unloading and handling (ADR) : CV13

Hazard identification number (Kemler No.) : 90

Orange plates : 

Tunnel restriction code (ADR) : -

EAC : •3Z

### Transport by sea

Special provision (IMDG) : 274, 335, 969

Limited quantities (IMDG) : 5 L

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Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

### Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provision (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L

### Inland waterway transport

Not regulated

### Rail transport

Not regulated

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

Reference code	Applicable
3(a)	d-Limonene
3(b)	Masquerade Ball ; 2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol ; Citronellol Pure ; Linalyl acetate ; Cyclamal ; Hexyl salicylate ; 3,3-Dimethyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol ; Helional ; Linalool ; Patchouli oil ; Iso E Super ; Benzyl benzoate ; d-Limonene ; Phenylethyl alcohol ; Triplal (Vertocitral) ; Methyl salicylate ; Isoeugenol ; delta-Damascone ; bourgeonal ; para-Cresyl methyl ether
3(c)	Masquerade Ball ; Benzyl acetate ; Cyclamal ; Hexyl salicylate ; 3,3-Dimethyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol ; Helional ; Ethylene brassylate ; Patchouli oil ; Iso E Super ; Benzyl benzoate ; d-Limonene ; Triplal (Vertocitral) ; delta-Damascone ; bourgeonal
40.	d-Limonene

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance(s) subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

##### Germany

Employment restrictions	: Observe restrictions according Act on the Protection of Working Mothers (MuSchG) Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)
Water hazard class (WGK)	: WGK 2, significant hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV)	: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

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### Netherlands

SZW-lijst van kankerverwekkende stoffen	: Triplal (Vertocitral) is listed
SZW-lijst van mutagene stoffen	: Triplal (Vertocitral) is listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: None of the components are listed

### Denmark

Classification remarks	: 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

### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet

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vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Full text of H- and EUH-phrases:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation) 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 (inhalation) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids Category 3
Repr. 2	Reproductive toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, Category 1A
Skin Sens. 1B	Skin sensitization, Category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapor.
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.
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.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.



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H412	Harmful to aquatic life with long lasting effects.
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SDS EU (REACH Annex II)

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.