Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 4/18/2023 Revision date: 4/18/2023 Supersedes version of: 4/18/2023 Version: 2.1

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

1.1. Product identifier

Product form : Mixture

 Product name
 : Fresh Cut Peony #EU41821F

 UFI
 : 3HTQ-93PC-W000-XS91

Product code : EU41821F.

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 : Industrial use,Professional use Industrial/Professional use spec : For professional use only

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

UAB MANFIRA

Eišiškių pl.127, LT-02184 Vilnius Lithuania

Tel.: +370 60488141

info@craftshop.lt - www.craftshop.lt

1.4. Emergency telephone number

Emergency number : +370 60488141

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 sensitisation, Category 1 H317
Hazardous to the aquatic environment – Acute Hazard, Category 1 H400
Hazardous to the aquatic environment – Chronic Hazard, Category 2 H411
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Very toxic to aquatic life. Toxic 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)



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GHS07 GHS09

Signal word (CLP) : Warning

Contains : Benzyl benzoate; Benzyl salicylate; Citronellol Pure; Damascone Beta; Geraniol; Hexyl

cinnamic aldehyde; Hydroxy; Iso E Super; Isocyclocitral; Linalool; Linalyl acetate;

Phenylethyl alcohol; Triplal (Vertocitral); Vertenex; Lemon oil

Hazard statements (CLP) : H302 - Harmful if swallowed.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.

H410 - Very toxic to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

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

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.

Extra phrases : For professional users only.

2.3. Other hazards

Contains no PBT/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 is 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]
Benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371- 33	15.775 – 31.55	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0 EC-No.: 202-983-3 REACH-no: 01-2119533092- 50	4 – 8	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789-	2.6735 – 5.347	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Hexamethylindanopyran	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227- 29	2.525 – 5.05	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016- 42	2 – 4	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Vertenex	CAS-No.: 32210-23-4 EC-No.: 250-954-9 REACH-no: 01-2119976286- 24	2 – 4	Skin Sens. 1B, H317
beta-lonone	CAS-No.: 14901-07-6 EC-No.: 238-969-9	1.425 – 2.85	Aquatic Chronic 2, H411
Geraniol	CAS-No.: 106-24-1 EC-No.: 203-377-1 EC Index-No.: 603-241-00-5 REACH-no: 01-2119552430-	1.425 – 2.85	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
Verdox	CAS-No.: 88-41-5 EC-No.: 201-828-7 REACH-no: 01-2119970713- 33	1.425 – 2.85	Aquatic Chronic 2, H411
Benzyl salicylate	CAS-No.: 118-58-1 EC-No.: 204-262-9 EC Index-No.: 607-754-00-5 REACH-no: 01-2119969442-	1.35 – 2.7	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Iso E Super	CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989- 04	1.35 – 2.7	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Citronellol Pure	CAS-No.: 106-22-9 EC-No.: 203-375-0 REACH-no: 01-2119453995- 23	1.3 – 2.6	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Phenylethyl alcohol	CAS-No.: 60-12-8 EC-No.: 200-456-2 REACH-no: 01-2119963921- 31	1.2 – 2.4	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Dimethylbenzyl carbinyl butyrate(DMBCB)	CAS-No.: 10094-34-5 EC-No.: 233-221-8 REACH-no: 01-2120742578- 44	0.675 – 1.35	Skin Irrit. 2, H315 Aquatic Chronic 3, H412
Hydroxy	CAS-No.: 107-75-5 EC-No.: 203-518-7 REACH-no: 01-2119973482- 31	0.38661 – 0.77322	Eye Irrit. 2, H319 Skin Sens. 1B, H317
Triplal (Vertocitral)	CAS-No.: 68039-49-6 EC-No.: 268-264-1	0.375 – 0.75	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethyl acetoacetate substance with national workplace exposure limit(s) (RO)	CAS-No.: 141-97-9 EC-No.: 205-516-1	0.35 – 0.7	Not classified
Lemon oil	CAS-No.: 8008-56-8 EC-No.: 284-515-8;616-925-3	0.35 – 0.7	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Chronic 2, H411
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- 42	0.275 – 0.55	Aquatic Chronic 3, H412
Isocyclocitral	CAS-No.: 1335-66-6 EC-No.: 215-638-7	0.2005 – 0.401	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Carbitol substance with national workplace exposure limit(s) (AT, DE, EE, SE, SI, CH)	CAS-No.: 111-90-0 EC-No.: 203-919-7 REACH-no: 01-2119475105- 42	0.108495 – 0.21699	Not classified
Damascone Beta	CAS-No.: 23726-92-3 EC-No.: 245-843-7	0.1 – 0.2	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Indole crystals	CAS-No.: 120-72-9 EC-No.: 204-420-7	0.075 – 0.15	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Eye Dam. 1, H318

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor 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 or a doctor 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.

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.

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/vapours/spray.

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".

6.2. Environmental precautions

Avoid release to the environment.

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

 $personal\ protective\ equipment.\ Avoid\ breathing\ dust/fume/gas/mist/vapours/spray.$

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this

product. Always wash hands after handling the product. Contaminated work clothing should

not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

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.

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

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Benzyl acetate (140-11-4)				
Belgium - Occupational Exposure Limits				
OEL TWA	62 mg/m³			
OEL TWA [ppm]	10 ppm			
Denmark - Occupational Exposure Limits				
OEL TWA [1]	61 mg/m³			
OEL TWA [2]	10 ppm			
Ireland - Occupational Exposure Limits				
OEL TWA [2]	10 ppm			
OEL STEL [ppm]	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 [ppm]	10 ppm			
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen			
Romania - Occupational Exposure Limits				
OEL TWA	50 mg/m³			
OEL TWA [ppm]	8 ppm			
OEL STEL	80 mg/m³			
OEL STEL [ppm]	13 ppm			
Spain - Occupational Exposure Limits				
VLA-ED (OEL TWA) [1]	62 mg/m³			
VLA-ED (OEL TWA) [2]	10 ppm			
USA - ACGIH - Occupational Exposure Limits				
ACGIH OEL TWA [ppm]	10 ppm			
ACGIH chemical category	Not Classifiable as a Human Carcinogen			
Ethyl acetoacetate (141-97-9)				
Romania - Occupational Exposure Limits				
OEL TWA	100 mg/m³			
OEL TWA [ppm]	19 ppm			
OEL STEL	200 mg/m³			
OEL STEL [ppm]	38 ppm			
Carbitol (111-90-0)				
Austria - Occupational Exposure Limits				
MAK (OEL TWA)	35 mg/m³			
MAK (OEL TWA) [ppm]	6 ppm			
MAK (OEL STEL)	140 mg/m³			

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Carbitol (111-90-0)			
24 ppm			
50.1 mg/m³			
10 ppm			
Skin notation			
0)			
35 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)			
6 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)			
35 mg/m³			
6 ppm			
70 mg/m³			
12 ppm			
80 mg/m³			
15 ppm			
170 mg/m³			
30 ppm			
Skin notation			
Switzerland - Occupational Exposure Limits			
50 mg/m³ (aerosol, inhalable dust, vapour)			
100 mg/m³ (aerosol, inhalable dust, vapour)			

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

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 symbol(s):







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8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : light yellow. amber. Odour : characteristic. Odour threshold : Not available Melting point : Not applicable Freezing point : Not available Boiling point : Not available : Not available Flammability : Not available **Explosive limits** Lower explosion limit : Not available : Not available Upper explosion limit

Flash point : 88 °C (closed cup) ASTM D7094

Auto-ignition temperature : Not available Decomposition temperature : Not available : Not available Viscosity, kinematic : Not available Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available Density : Not available

Relative density : ≈ 1

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

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

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

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Harmful if swallowed.

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

, , , , , , , , , , , , , , , , , , ,	Total total, (initiation)			
Fresh Cut Peony #EU41821F				
ATE CLP (oral)	1548.189 mg/kg bodyweight			
Benzyl acetate (140-11-4)				
LD50 oral rat	2490 mg/kg			
LD50 oral	2490 mg/kg bodyweight			
LD50 dermal rabbit	> 5000 mg/kg			
Benzyl benzoate (120-51-4)				
LD50 oral rat	500 mg/kg			
LD50 oral	1500 mg/kg bodyweight			
LD50 dermal rabbit	4000 mg/kg			
LD50 dermal	4000 mg/kg bodyweight			
Benzyl salicylate (118-58-1)				
LD50 oral rat	2227 mg/kg			
LD50 oral	2200 mg/kg bodyweight			
LD50 dermal rabbit	> 5000 mg/kg			
beta-lonone (14901-07-6)				
LD50 oral rat	4590 mg/kg			
LD50 oral	3490 mg/kg bodyweight			

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LD50 cral rat	Citronellol Pure (106-22-9)	
LD50 oral		3450 ma/ka
LD50 dermal rabbit 2650 mg/kg bodyweight 2650 mg/kg 26		
Discourage		
Damascone Bata (23726-92-3)		
Dimethylbenzyl carbinyl butyrate(DMBCB) (10094-34-5) LD50 oral rat > 5 g/kg Ethyl acetoacetate (141-97-9) LD50 oral rat 3990 mg/kg LD50 dermal rabbit > 5000 mg/kg Carbinyl decemal rabbit > 5000 mg/kg Carbinyl decemal rabbit > 5000 mg/kg Carbinyl decemal rabbit > 5000 mg/kg CD50 oral rat 3600 mg/kg LD50 oral rat 3600 mg/kg LD50 dermal rabbit > 5 g/kg Hexyl cinnamic aldehyde (101-86-0) LD50 oral rat 3100 mg/kg LD50 oral rat 3100 mg/kg LD50 oral rat 3100 mg/kg LD50 dermal rabbit > 3000 mg/kg LC50 Inhalation - Rat > 3250 mg/kg LD50 dermal rabbit > 3250 mg/kg LD50 dermal rabbit > 3250 mg/kg LD50 dermal rabbit > 3250 mg/kg Hydroxy (107-75-5) LD50 oral rat > 5 g/kg LD50 dermal rabbit > 2000 mg/kg LD50 dermal rabbit > 2000 mg/kg LD50 dermal rabbit 790 mg/kg LD50 oral rat 1 g/kg LD50 dermal rabbit 790 mg/kg bodyweight LD50 dermal rabbit 790 mg/kg bodyweight LD50 oral rat 4500 mg/kg LD50 oral rat 4500 mg/kg bodyweight LD50 oral rat 4500 mg/kg b		
Dimethylbenzyl carbinyl butyrate(DMBCB) (10094-34-5) LD50 oral rat		2020 ma/ka hodyweight
Display		
Ethyl acetoacetate (141-97-9) LD50 oral rat 3980 mg/kg 3980 mg		
LD50 oral rat 3980 mg/kg		> 5 g/kg
Description Source Description Descr		
Coraniol (106-24-1) LD50 oral rat 3600 mg/kg bodyweight LD50 oral rat 3600 mg/kg bodyweight LD50 dermal rabbit > 5 g/kg Hexyl cinnamic aldehyde (101-86-0) LD50 oral rat 3100 mg/kg bodyweight LD50 oral 3100 mg/kg bodyweight LD50 oral rat 3100 mg/kg bodyweight LD50 dermal rabbit > 3000 mg/kg LC50 Inhalation - Rat > 5 mg/l/4h Hexamethylindanopyran (1222-05-5) LD50 oral rat > 3250 mg/kg LD50 dermal rabbit > 3250 mg/kg Hydroxy (107-75-5) LD50 oral rat > 5 g/kg LD50 dermal rabbit > 2000 mg/kg Indole crystals (120-72-9) LD50 oral rat 1 g/kg LD50 oral rat 1 g/kg LD50 dermal rabbit 790 mg/kg LD50 dermal rabbit 790 mg/kg bodyweight LD50 dermal 1335-66-6) LD50 oral rat 4500 mg/kg		
LD50 oral rat	LD50 dermal rabbit	> 5000 mg/kg
LD50 oral 3600 mg/kg bodyweight LD50 dermal rabbit > 5 g/kg	Geraniol (106-24-1)	
LD50 dermal rabbit	LD50 oral rat	3600 mg/kg
LD50 oral rat	LD50 oral	3600 mg/kg bodyweight
LD50 oral rat 3100 mg/kg bodyweight	LD50 dermal rabbit	> 5 g/kg
LD50 oral 3100 mg/kg bodyweight 23000 mg/kg	Hexyl cinnamic aldehyde (101-86-0)	
LD50 dermal rabbit > 3000 mg/kg	LD50 oral rat	3100 mg/kg
LC50 Inhalation - Rat	LD50 oral	3100 mg/kg bodyweight
Hexamethylindanopyran (1222-05-5) LD50 oral rat	LD50 dermal rabbit	> 3000 mg/kg
LD50 oral rat	LC50 Inhalation - Rat	> 5 mg/l/4h
LD50 dermal rabbit > 3250 mg/kg	Hexamethylindanopyran (1222-05-5)	
Hydroxy (107-75-5) LD50 oral rat > 5 g/kg LD50 dermal rabbit > 2000 mg/kg Indole crystals (120-72-9) LD50 oral rat 1 g/kg LD50 oral 1000 mg/kg bodyweight LD50 dermal rabbit 790 mg/kg LD50 dermal 790 mg/kg bodyweight Isocyclocitral (1335-66-6) LD50 oral 4 4500 mg/kg LD50 oral 3220 mg/kg bodyweight Linalool (78-70-6)	LD50 oral rat	> 3250 mg/kg
LD50 oral rat > 5 g/kg LD50 dermal rabbit > 2000 mg/kg Indole crystals (120-72-9) LD50 oral rat 1 g/kg LD50 oral 1000 mg/kg bodyweight LD50 dermal rabbit 790 mg/kg LD50 dermal 790 mg/kg bodyweight Isocyclocitral (1335-66-6) LD50 oral rat 4500 mg/kg LD50 oral 3220 mg/kg bodyweight Linalool (78-70-6)	LD50 dermal rabbit	> 3250 mg/kg
LD50 dermal rabbit > 2000 mg/kg	Hydroxy (107-75-5)	
LD50 oral rat	LD50 oral rat	> 5 g/kg
LD50 oral rat 1 g/kg LD50 oral 1000 mg/kg bodyweight LD50 dermal rabbit 790 mg/kg LD50 dermal 790 mg/kg bodyweight Isocyclocitral (1335-66-6) LD50 oral rat 4500 mg/kg LD50 oral 3220 mg/kg bodyweight Linalool (78-70-6)	LD50 dermal rabbit	> 2000 mg/kg
LD50 oral 1000 mg/kg bodyweight LD50 dermal rabbit 790 mg/kg LD50 dermal 790 mg/kg bodyweight Isocyclocitral (1335-66-6) LD50 oral rat 4500 mg/kg LD50 oral 3220 mg/kg bodyweight Linalool (78-70-6)	Indole crystals (120-72-9)	
LD50 dermal rabbit 790 mg/kg LD50 dermal 790 mg/kg bodyweight Isocyclocitral (1335-66-6) LD50 oral rat 4500 mg/kg LD50 oral 3220 mg/kg bodyweight Linalool (78-70-6)	LD50 oral rat	1 g/kg
LD50 dermal 790 mg/kg bodyweight Isocyclocitral (1335-66-6) LD50 oral rat 4500 mg/kg LD50 oral 3220 mg/kg bodyweight Linalool (78-70-6) Linalool (78-70-6) Linalool (78-70-6) LD50 mg/kg bodyweight Linalool (78-70-6) LD50 mg/kg bodyweight LD50 mg/kg bodyweight	LD50 oral	1000 mg/kg bodyweight
Isocyclocitral (1335-66-6) LD50 oral rat	LD50 dermal rabbit	790 mg/kg
LD50 oral rat 4500 mg/kg LD50 oral 3220 mg/kg bodyweight Linalool (78-70-6)	LD50 dermal	790 mg/kg bodyweight
LD50 oral 3220 mg/kg bodyweight Linalool (78-70-6)	Isocyclocitral (1335-66-6)	
Linalool (78-70-6)	LD50 oral rat	4500 mg/kg
	LD50 oral	3220 mg/kg bodyweight
LD50 oral 2790 mg/kg bodyweight	Linalool (78-70-6)	
	LD50 oral	2790 mg/kg bodyweight

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Linalyl acetate (115-95-7)	
LD50 oral rat	14550 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
Phenylethyl alcohol (60-12-8)	
LD50 oral rat	1609 mg/kg
LD50 oral	1610 mg/kg bodyweight
LD50 dermal rabbit	2535 mg/kg
LD50 dermal	2500 mg/kg bodyweight
LC50 Inhalation - Rat	> 4.63 mg/l/4h
Triplal (Vertocitral) (68039-49-6)	
LD50 oral	3900 mg/kg bodyweight
Verdox (88-41-5)	
LD50 oral rat	4600 mg/kg
LD50 oral	4600 mg/kg bodyweight
Vertenex (32210-23-4)	
LD50 oral rat	5 g/kg
LD50 oral	3370 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
Carbitol (111-90-0)	
LD50 oral rat	10502 mg/kg
LD50 dermal rabbit	9143 mg/kg
LC50 Inhalation - Rat	> 5240 mg/m³ (Exposure time: 4 h)
Lemon oil (8008-56-8)	
LD50 oral rat	2840 mg/kg
	Causes skin irritation.
	Causes serious eye irritation.
• •	May cause an allergic skin reaction.
3 ,	Not classified
<u> </u>	Not classified
Benzyl acetate (140-11-4)	
IARC group	3 - Not classifiable
•	Not classified
	Not classified
·	Not classified
•	Not classified
Benzyl benzoate (120-51-4)	
Viscosity, kinematic	7.456 mm²/s

11.2. Information on other hazards

No additional information available

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term : Very toxic to aquatic life.

(acute)

Hazardous to the aquatic environment, long-term : Toxic to aquatic life with long lasting effects.

(chronic)

(chronic)	
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
Benzyl salicylate (118-58-1)	
LC50 - Fish [1]	1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
Ethyl acetoacetate (141-97-9)	
LC50 - Fish [1]	298 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
LC50 - Fish [2]	290 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 - Crustacea [1]	646 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	> 500 mg/l (Species: Desmodesmus subspicatus)
Geraniol (106-24-1)	
LC50 - Fish [1]	22 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
Hexamethylindanopyran (1222-05-5)	
LC50 - Fish [1]	0.452 mg/l Wolf, 1996d-27682
LC50 - Other aquatic organisms [1]	> 0.14 mg/l REACH DOSSIER Pimephales promelas
EC50 - Crustacea [2]	260 μg/l REACH Dossier
EC50 - Other aquatic organisms [1]	0.131 mg/l REACH Dossier
Linalool (78-70-6)	
EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodesmus subspicatus)
Linalyl acetate (115-95-7)	
LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through])
Phenylethyl alcohol (60-12-8)	
EC50 - Crustacea [1]	287.17 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	490 mg/l (Species: Desmodesmus subspicatus)
Vertenex (32210-23-4)	
LC50 - Fish [1]	8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static])
Carbitol (111-90-0)	
LC50 - Fish [1]	10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 - Fish [2]	19100 – 23900 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
EC50 - Crustacea [1]	3940 – 4670 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Safety Data Sheet

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

Benzyl benzoate (120-51-4) Persistence and degradability May cause long-term adverse effects in the environment. 12.3. Bioaccumulative potential Benzyl acetate (140-11-4) Partition coefficient n-catanol/water (Log Pow) 1,96 (at 25 °C (at pH 7) Bioaccumulative potential Benzyl benzoate (120-51-4) Partition coefficient n-catanol/water (Log Pow) 3,97 (at 25 °C) Bioaccumulative potential Benzyl salicylate (118-58-1) Partition coefficient n-catanol/water (Log Pow) 4 beta-lonone (14901-07-6) Partition coefficient n-catanol/water (Log Pow) 1,903 (at 27 °C (at pH 5.7) Citronaliol Pure (166-22-9) Partition coefficient n-catanol/water (Log Pow) 3,41 (at 25 °C) Dimethylbonzyl carbinyl butyrate(DMBCB) (10094-34-5) Partition coefficient n-catanol/water (Log Pow) 4,7 (at 25 °C) Ethyl acetoacetate (141-97-9) Partition coefficient n-catanol/water (Log Pow) 0,8 (at 20 °C) Geraniol (106-24-1) Partition coefficient n-catanol/water (Log Pow) 2,6 (at 25 °C) Hexamethylindanopyran (1222-05-5) BCF - Fish (1) (1618 dimensionless (whole body w.w.) Partition coefficient n-catanol/water (Log Pow) 5,3 (at 25 °C) Hexamethylindanopyran (1222-05-5) Partition coefficient n-catanol/water (Log Pow) 1,86 (at 25 °C) Linalyl acetate (115-95-7) Partition coefficient n-catanol/water (Log Pow) 1,86 (at 25 °C) Phenylethyl alcohol (60-12-8) Partition coefficient n-catanol/water (Log Pow) 1,36 (at 20 °C (at pH 7) Vertenex (32210-23-4) Partition coefficient n-catanol/water (Log Pow) 4,8 (at 25 °C) Phenylethyl alcohol (60-12-8) Partition coefficient n-catanol/water (Log Pow) 4,8 (at 25 °C) Phenylethyl alcohol (60-12-8) Partition coefficient n-catanol/water (Log Pow) 4,8 (at 25 °C) Phenylethyl alcohol (60-12-8) Partition coefficient n-catanol/water (Log Pow) 4,8 (at 25 °C) Phenylethyl alcohol (60-12-8) Partition coefficient n-catanol/water (Log Pow) 4,8 (at 25 °C) Carbitol (111-90-0) Partition coefficient n-catanol/water (Log Pow) 4,8 (at 25 °C)	12.2. Persistence and degradability				
12.3. Bloaccumulative potential Benzyl acetate (140-11-4) Partition coefficient n-octanol/water (Log Pow)	Benzyl benzoate (120-51-4)				
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. Benzyl salicylate (118-58-1) Partition coefficient n-octanol/water (Log Pow) 4 bota-lonone (14901-07-6) Partition coefficient n-octanol/water (Log Pow) 1.903 (at 27 °C (at pH 5.7) Citronellol Pure (106-22-9) Partition coefficient n-octanol/water (Log Pow) 3.41 (at 25 °C) Dimethylbenzyl carbinyl butyrate(DMBCB) (10094-34-5) Partition coefficient n-octanol/water (Log Pow) 4.7 (at 25 °C) Ethyl acetoacetae (141-97-9) Partition coefficient n-octanol/water (Log Pow) 2.6 (at 25 °C) Hexamethylindanopyran (1222-05-5) BCF - Fish [1] (1618 dimensionless (whole body w.w.) Partition coefficient n-octanol/water (Log Pow) 5.3 (at 25 °C (at pH 7) Hydroxy (107-75-5) Partition coefficient n-octanol/water (Log Pow) 1.88 (at 25 °C) Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) 3.9 (at 25 °C) Phenylethyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) 1.86 (at 20 °C (at pH 7) Vortenex (32210-23-4) Partition coefficient n-octanol/water (Log Pow) 1.86 (at 20 °C (at pH 7) Vortenex (32210-23-4) Partition coefficient n-octanol/water (Log Pow) 4.8 (at 25 °C) Carbitol (111-90-0)	Persistence and degradability	May cause long-term adverse effects in the environment.			
Partition coefficient n-octanol/water (Log Pow)	12.3. Bioaccumulative potential				
Benzyl benzoate (120-51-4) Partition coefficient n-octanol/water (Log Pow) 3.97 (at 25 °C) Bioaccumulative potential Not established. Benzyl salicylate (118-58-1) Partition coefficient n-octanol/water (Log Pow) 4 beta-lonone (14901-07-6) Partition coefficient n-octanol/water (Log Pow) 1.903 (at 27 °C (at pH 5.7) Citronellol Pure (106-22-9) Partition coefficient n-octanol/water (Log Pow) 3.41 (at 25 °C) Dimethylbenzyl carbinyl butyrate(DMBCB) (10094-34-5) Partition coefficient n-octanol/water (Log Pow) 4.7 (at 25 °C) Ethyl acetoacetae (141-97-9) Partition coefficient n-octanol/water (Log Pow) 0.8 (at 20 °C) Geraniol (106-24-1) Partition coefficient n-octanol/water (Log Pow) 2.6 (at 25 °C) Hexamethylindanopyran (1222-05-5) BCF - Fish [1] (1618 dimensionless (whole body w.w.) Partition coefficient n-octanol/water (Log Pow) 5.3 (at 25 °C (at pH 7) Hydroxy (107-75-5) Partition coefficient n-octanol/water (Log Pow) 1.68 (at 25 °C) Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) 1.68 (at 25 °C) Phenylethyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH 7) Vertenex (32210-23-4) Partition coefficient n-octanol/water (Log Pow) 4.8 (at 25 °C) Carbitol (111-90-0)	Benzyl acetate (140-11-4)				
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Partition coefficient n-octanol/water (Log Pow) 2.6 (at 25 °C)	Partition coefficient n-octanol/water (Log Pow)	0.8 (at 20 °C)			
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Partition coefficient n-octanol/water (Log Pow) Hydroxy (107-75-5) Partition coefficient n-octanol/water (Log Pow) Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) 3.9 (at 25 °C) Phenylethyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH 7) Vertenex (32210-23-4) Partition coefficient n-octanol/water (Log Pow) 4.8 (at 25 °C) Carbitol (111-90-0)	Hexamethylindanopyran (1222-05-5)				
Hydroxy (107-75-5) Partition coefficient n-octanol/water (Log Pow) Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) 3.9 (at 25 °C) Phenylethyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH 7) Vertenex (32210-23-4) Partition coefficient n-octanol/water (Log Pow) 4.8 (at 25 °C) Carbitol (111-90-0)	BCF - Fish [1]	(1618 dimensionless (whole body w.w.)			
Partition coefficient n-octanol/water (Log Pow) Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) Phenylethyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH 7) Vertenex (32210-23-4) Partition coefficient n-octanol/water (Log Pow) 4.8 (at 25 °C) Carbitol (111-90-0)	Partition coefficient n-octanol/water (Log Pow)	5.3 (at 25 °C (at pH 7)			
Linalyl acetate (115-95-7) Partition coefficient n-octanol/water (Log Pow) Phenylethyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH 7) Vertenex (32210-23-4) Partition coefficient n-octanol/water (Log Pow) 4.8 (at 25 °C) Carbitol (111-90-0)	Hydroxy (107-75-5)				
Partition coefficient n-octanol/water (Log Pow) 3.9 (at 25 °C)	Partition coefficient n-octanol/water (Log Pow)	1.68 (at 25 °C)			
Phenylethyl alcohol (60-12-8) Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH 7) Vertenex (32210-23-4) Partition coefficient n-octanol/water (Log Pow) 4.8 (at 25 °C) Carbitol (111-90-0)	Linalyl acetate (115-95-7)				
Partition coefficient n-octanol/water (Log Pow) 1.36 (at 20 °C (at pH 7) Vertenex (32210-23-4) Partition coefficient n-octanol/water (Log Pow) 4.8 (at 25 °C) Carbitol (111-90-0)	Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)			
Vertenex (32210-23-4) Partition coefficient n-octanol/water (Log Pow) 4.8 (at 25 °C) Carbitol (111-90-0)	Phenylethyl alcohol (60-12-8)				
Partition coefficient n-octanol/water (Log Pow) 4.8 (at 25 °C) Carbitol (111-90-0)	Partition coefficient n-octanol/water (Log Pow)	1.36 (at 20 °C (at pH 7)			
Carbitol (111-90-0)	Vertenex (32210-23-4)				
	Partition coefficient n-octanol/water (Log Pow)	4.8 (at 25 °C)			
Partition coefficient n-octanol/water (Log Pow) -0.8	Carbitol (111-90-0)				
	Partition coefficient n-octanol/water (Log Pow)	-0.8			

12.4. Mobility in soil

No additional information available

Safety Data Sheet

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

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods HP Code

- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : HP3 "Flammable:"
 - flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
 - flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
 - flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
- flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
- water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
- other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
- HP6 "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.
- 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	14.1. UN number or ID number					
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082		
14.2. UN proper shippin	g name					
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran) ENVIRONMENTALLY Environmentally hazardous substance, liquid, n.o.s. (Hexamethylindanopyran) (Hexamethylindanopyran) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran) (Hexamethylindanopyran)						
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Hexamethylindanopyran), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran), 9, III		

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ADR	IMDG	IATA	ADN	RID			
14.3. Transport hazard	14.3. Transport hazard class(es)						
9	9	9	9	9			
14.4. Packing group	14.4. Packing group						
III	III	III	III	III			
14.5. Environmental haz	ards						
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes			
No supplementary information	n available						

14.6. Special precautions for user

Overland transport

Classification code (ADR) : M6

Special provisions (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 : TP1, TP29

(ADR)

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 : CV13

and handling (ADR)

Hazard identification number (Kemler No.) : 90

Orange plates :

90

Tunnel restriction code (ADR) : EAC code : •3Z

Transport by sea

Special provisions (IMDG) : 274, 335, 969

Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1 Packing instructions (IMDG) : LP01, P001 Special packing provisions (IMDG) : PP1 IBC packing instructions (IMDG) : IBC03 : T4 Tank instructions (IMDG) Tank special provisions (IMDG) : TP1, TP29 EmS-No. (Fire) : F-A : S-F EmS-No. (Spillage) Stowage category (IMDG) : A

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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 provisions (IATA) : A97, A158, A197, A215

ERG code (IATA) : 9L

Inland waterway transport

Classification code (ADN) : M6

Special provisions (ADN) : 274, 335, 375, 601

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T

Equipment required (ADN) : PP

Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : M6

Special provisions (RID) : 274, 335, 375, 601

Limited quantities (RID) : 5L Excepted quantities (RID) : E1

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

 Special packing provisions (RID)
 : PP1

 Mixed packing provisions (RID)
 : MP19

 Portable tank and bulk container instructions (RID)
 : T4

Portable tank and bulk container special provisions : TP1, TP29

(RID)

Tank codes for RID tanks (RID) : LGBV

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W12

Special provisions for carriage - Loading, unloading : CW13, CW31

and handling (RID)

Colis express (express parcels) (RID) : CE8
Hazard identification number (RID) : 90

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)	Lemon oil	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

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EU restriction list ((REACH Annex XVII)	
Reference code	Applicable on	Entry title or description
3(b)	Fresh Cut Peony #EU41821F; Benzyl benzoate; Benzyl salicylate; Citronellol Pure; Damascone Beta; Dimethylbenzyl carbinyl butyrate(DMBCB); Geraniol; Hexyl cinnamic aldehyde; Hydroxy; Indole crystals; Iso E Super; Isocyclocitral; Linalool; Linalyl acetate; Phenylethyl alcohol; Triplal (Vertocitral); Vertenex; Lemon oil	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
3(c)	Fresh Cut Peony #EU41821F; Benzyl acetate; Benzyl benzoate ; Benzyl salicylate; beta- lonone; Damascone Beta ; Dimethylbenzyl carbinyl butyrate(DMBCB); Hexyl cinnamic aldehyde; Hexamethylindanopyran; Iso E Super; Isocyclocitral; Triplal (Vertocitral); Verdox; Lemon oil	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.	Lemon oil	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)

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)

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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, Significantly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

ABM category : A(1) - highly toxic for aquatic organisms, may have longterm hazardous effects in aquatic

: None of the components are listed

: Triplal (Vertocitral), Lemon oil are listed

environment

SZW-lijst van kankerverwekkende stoffen

SZW-lijst van mutagene stoffen : Triplal (Vertocitral),Lemon oil are listed SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

OZVV-iljst vali reprotoxische stollen – borstvoedi

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid

CZIM lijet vers semestevije ska staffers. O

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

Full text of H- and EUH-statements:			
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3		
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4		
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1		
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1		
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2		
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3		
Eye Dam. 1	Serious eye damage/eye irritation, Category 1		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
Flam. Liq. 3	Flammable liquids, Category 3		
H226	Flammable liquid and vapour.		
H302	Harmful if swallowed.		
H311	Toxic in contact with skin.		
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H318	Causes serious eye damage.		
H319	Causes serious eye irritation.		
H361	Suspected of damaging fertility or the unborn child.		

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Full text of H- and EUH-statements:			
H400	Very toxic to aquatic life.		
H410	Very toxic to aquatic life with long lasting effects.		
H411	Toxic to aquatic life with long lasting effects.		
H412	Harmful to aquatic life with long lasting effects.		
Repr. 2	Reproductive toxicity, Category 2		
Skin Irrit. 2	Skin corrosion/irritation, Category 2		
Skin Sens. 1	Skin sensitisation, Category 1		
Skin Sens. 1B	Skin sensitisation, category 1B		

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

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.