

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 10/14/2020 Revision date: 3/22/2023 Supersedes version of: 3/22/2022 Version: 2.0

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

1.1. Product identifier

Product form	: Mixture
Product name	: La Vie est Belle #EU39003F
UFI	: EK0G-03MP-S00E-VS57
Product code	: EU39003F
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
	For professional use only
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

FRENCH COLOR & FRAGRANCE International GmbH GmbH Mittlerer Weg 35 DE– 79424 Auggen Germany T 49-7631-931-8900 <u>SDS@frenchcolor.com</u> - <u>www.frenchcolor.com</u>

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]	
Acute toxicity (oral), Category 4	H302
Skin sensitisation, Category 1	H317
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. 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)		¥.
Signal word (CLP)	GHS07 : Warning	GHS09

Safety Data Sheet

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

: Benzyl benzoate, Cedramber, Iso E Super, Linalool, Benzyl salicylate, Helional, Bergamot oil, Linalyl acetate, ACETYL HEXAMETHYL TETRALIN, Bourgeonal, Vertenex, Citronellol Pure, Triplal (Vertocitral), Trimofix O, Cashmeran, COUMARIN
: H302 - Harmful if swallowed.
H317 - May cause an allergic skin reaction. H411 - Toxic to aquatic life with long lasting effects.
 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. : 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]
Bis(2-ethylhexyl) adipate substance with national workplace exposure limit(s) (PL)	CAS-No.: 103-23-1 EC-No.: 203-090-1 REACH-no: 01-2119439699- 19	25 – 50	Not classified
Benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371- 33	14.475 – 28.95	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Cedramber	CAS-No.: 19870-74-7 EC-No.: 243-384-7	0.9 – 1.8	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016- 42	0.8 – 1.6	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Iso E Super	CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989- 04	0.625 – 1.25	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789- 19	0.625 – 1.25	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

Safety Data Sheet

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Bergamot oil	CAS-No.: 8007-75-8 EC-No.: 289-612-9	0.575 – 1.15	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Patchouli oil	CAS-No.: 8014-09-3 EC Index-No.: 616-944-7	0.575 – 1.15	Asp. Tox. 1, H304 Aquatic Chronic 2, H411
ACETYL HEXAMETHYL TETRALIN	CAS-No.: 21145-77-7 EC-No.: 244-240-6	0.5 – 1	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzyl salicylate	CAS-No.: 118-58-1 EC-No.: 204-262-9 EC Index-No.: 607-754-00-5 REACH-no: 01-2119969442- 31	0.425 – 0.85	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Helional	CAS-No.: 1205-17-0 EC-No.: 214-881-6 REACH-no: 01-2120740119- 58	0.3 – 0.6	Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411
Hexamethylindanopyran	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227- 29	0.3 – 0.6	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Cashmeran	CAS-No.: 33704-61-9 EC-No.: 251-649-3 REACH-no: 01-2119977131- 40	0.225 – 0.45	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 STOT RE 2, H373 Aquatic Chronic 2, H411
Trimofix O	CAS-No.: 144020-22-4 EC-No.: 482-330-9	0.175 – 0.35	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317
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	0.1 – 0.2	Aquatic Chronic 3, H412
Vertenex	CAS-No.: 32210-23-4 EC-No.: 250-954-9 REACH-no: 01-2119976286- 24	0.075 – 0.15	Skin Sens. 1B, H317
Citronellol Pure	CAS-No.: 106-22-9 EC-No.: 203-375-0 REACH-no: 01-2119453995- 23	0.075 – 0.15	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
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

Safety Data Sheet

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
bourgeonal	CAS-No.: 18127-01-0 EC-No.: 242-016-2	0.05 – 0.1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Repr. 2, H361 STOT RE 2, H373 Aquatic Chronic 3, H412
OXACYCLOHEPTADEC-10-EN-2-ONE	CAS-No.: 28645-51-4 EC-No.: 249-120-7	0.05 – 0.1	Aquatic Chronic 1, H410 (M=10) Aquatic Acute 1, H400 (M=10)
COUMARIN	CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756- 26	0.05 – 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411

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 eyes with water as a precaution.
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	: May cause an allergic skin reaction.
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.	
5.2. Special hazards arising from the subs	tance 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.

Safety Data Sheet

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

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	nt and cleaning up
For containment Methods for cleaning up Other information	 Collect spillage. Take up liquid spill into absorbent material. 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 Hygiene measures	 Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. 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. Wash

7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep cool. Storage temperature : 25 °C	
	7.2. Conditions for safe storage
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.	Storage temperature Storage area Special rules on packaging

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

Bis(2-ethylhexyl) adipate (103-23-1)		
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	400 mg/m ³	
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/m ³		
OEL TWA [2]	10 ppm	

Safety Data Sheet

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

Benzyl acetate (140-11-4)	
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

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):



Safety Data Sheet

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

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.

9.1. Information on basic physical and ch	nemical properties
Physical state	: Liquid
Colour	: light yellow. amber.
Odour	: characteristic. characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 93 °C (closed cup) ASTM D7094
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	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 0.99
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

Safety Data Sheet

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

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 La Vie est Belle #EU39003F ATE CLP (oral) 1648.685 mg/kg bodyweight Bis(2-ethylhexyl) adipate (103-23-1) LD50 oral rat 5600 mg/kg LD50 dermal rabbit 8410 mg/kg LC50 Inhalation - Rat > 5.7 mg/l/4h 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 Linalool (78-70-6) I D50 oral 2700 mg/kg haduuvaight

LD50 oral	2790 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	
Helional (1205-17-0)		
LD50 dermal rabbit	> 2000 mg/kg	

Safety Data Sheet

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

LD50 oral rat11820 mg/kgPatchoull oll (2014-09-3)LD50 oral rat> 5 g/kgLInalyl acotato (115-05-7)14550 mg/kgLD50 oral rat14550 mg/kgLD50 oral rat5000 mg/kgACETYL HEXAMETHYL TETRALIN (21145-77-7)LD50 oral rat570 mg/kgLD50 oral rat1000 mg/kg bodywghtLD50 oral rat2700 mg/kgLD50 oral rat2700 mg/kgLD50 oral rat2700 mg/kgLD50 oral rat2700 mg/kg bodywghtLD50 oral rat2500 mg/kg bodywghtLD50 oral rat2500 mg/kg bodywghtLD50 oral rat2400 mg/kg bodywghtLD50 oral rat2400 mg/kg bodyweightLD50 oral rat2400 mg/kg bodyweightLD50 oral rat2400 mg/kg bodyweightLD50 oral rat2400 mg/kg bodyweightLD50 oral rat5 g/kgLD50 oral rat300 mg/kg bodyweightLD50 oral rat3000 mg/kgLD50 oral rat3000 mg/kgLD50 oral rat3000 mg/kg bodyweightLD50 oral rat5000 mg/kgLD50 oral rat5000 mg/kg bodyweightLD50 oral rat5000 mg/kg bodyweight<	Bergamot oil (8007-75-8)			
LOBO oral rat> 5 g/kgLInskyl acotato (115-95-7)LOBO dermal rabbit14550 mg/kgLOBO dermal rabbit> 5000 mg/kgACETYL HEXAMETHYL TETRALIN (21145-77-7)LDSO oral rat570 mg/kgLDSO doral rat10000 mg/kg bodywightLDSO doral rat2 500 mg/kgLDSO doral rat2 700 mg/kgLDSO doral rat2 700 mg/kgLDSO doral rat2 500 mg/kg bodywightLDSO doral rat2 500 mg/kg bodywightLDSO doral rat2 500 mg/kg bodywightLDSO doral rat2 490 mg/kg bodywightLDSO doral rat2 500 mg/kgLDSO doral rat3 70 mg/kg bodywightLDSO doral rat3 500 mg/kgLDSO doral rat3 500 mg/kg bodywightLDSO doral rat3 500 mg/kgLDSO doral rat3 5000 mg/kgLDSO doral rat3 5000 mg/kgLDSO doral rat3 5000 mg/kg <td>LD50 oral rat</td> <td>11520 mg/kg</td>	LD50 oral rat	11520 mg/kg		
Linalyl acetate (115-95-7) LD50 oral rat 14560 mg/kg LD50 dermal rabbit > 5000 mg/kg ACETYL HEXAMETHYL TETRALIN (21145-77-) 1000 mg/kg bodyweight LD50 oral rat 570 mg/kg LD50 oral rat 1000 mg/kg bodyweight LD50 oral rat 250 g/kg bourgeonal (18127-01-0) 1000 mg/kg bodyweight LD50 oral rat 2700 mg/kg LD50 oral rat 2700 mg/kg LD50 oral rat 250 g/kg Benzyl acetate (140-11-4) 1000 mg/kg LD50 oral rat 2490 mg/kg LD50 oral rat 5 g/kg LD50 oral rat 5 g/kg bodyweight LD50 oral rat 3450 mg/kg bodyweight LD50 oral rat 3450 mg/kg bodyweight LD50 oral ra	Patchouli oil (8014-09-3)			
LD50 oral rat14550 mg/kgLD50 darmal rabbit> 5000 mg/kgACETYL HEXAMETHYL TETRALIN (21145-77-)LD50 oral rat570 mg/kgLD50 oral rat1000 mg/kg bodyweightLD50 oral rat> 5 g/kgbourgeonal (18127-01-0)LD50 oral rat2700 mg/kg bodyweightLD50 oral rat2700 mg/kgLD50 oral rat2700 mg/kgLD50 oral rat2500 mg/kg bodyweightLD50 oral rat2500 mg/kg bodyweightLD50 oral rat2490 mg/kgLD50 oral rat2490 mg/kgLD50 oral rat5 g/kgBenzyl acetate (140-11-4)2490 mg/kg bodyweightLD50 oral rat2490 mg/kg bodyweightLD50 oral rat2490 mg/kg bodyweightLD50 oral rat2500 mg/kgVertenex (32210-23-4)5000 mg/kgLD50 oral rat5 g/kgLD50 oral rat2500 mg/kg bodyweightLD50 oral ratific2500 mg/kg bodyweightLD50 oral rat3000 mg/kg bodyweightLD50 oral rat2500 mg/kg bodyweightLD50 oral rat2500 mg/kg bodyweightLD50 oral rat2000 mg/kg bodyweightLD50 oral rat2000 mg/kg bodyweightLD50 oral rat2000 mg/kg bodyweightCoor rat2000 mg/kg bodyweightLD50 oral rat2000 mg/kg bod	LD50 oral rat	> 5 g/kg		
L050 demal rabbit > 5000 mg/kg ACETYL HEXAMETHYL TETRALIN (21145-77- L050 oral rat 570 mg/kg L050 oral rat 1000 mg/kg bodyweight L050 oral rat 2 f% g bourgoonal (18127-01-0) 2700 mg/kg L050 oral rat 2 f% g Boargoonal (18127-01-0) 2500 mg/kg bodyweight L050 oral rat 2 f% g Boargoonal (18127-01-0) > 5 g/kg Boargoonal (18127-01-0) > 5 g/kg D050 oral rat 2 f% g L050 oral rat 2 490 mg/kg L050 oral rat 2 490 mg/kg bodyweight L050 oral rat 5 g/kg L050 oral rat 5 g/kg <td>Linalyl acetate (115-95-7)</td> <td></td>	Linalyl acetate (115-95-7)			
ACETYL HEXAMETHYL TETRALIN (21145-77-7) LD50 oral rat 570 mg/kg LD50 oral rat 1000 mg/kg bodyweight LD50 oral rat > 5 g/kg bourgeonal (18127-01-0) 2000 mg/kg bodyweight LD50 oral rat 2700 mg/kg LD50 oral rat 2500 mg/kg bodyweight LD50 oral rat 2500 mg/kg bodyweight LD50 oral rat 2490 mg/kg LD50 oral rat 2490 mg/kg LD50 oral rat 2490 mg/kg bodyweight LD50 oral rat 5 g/kg LD50 oral rat 2650 mg/kg LD50 oral rat 2650 mg/kg bodyweight LD50 oral rat 2650 mg/kg bodyweig	LD50 oral rat	14550 mg/kg		
L050 oral rat 570 mg/kg L050 oral 1000 mg/kg bodyweight L050 dermal rabbit > 5 g/kg bourgeonal (18127-01-0) 2700 mg/kg L050 oral rat 2700 mg/kg L050 oral rat 2500 mg/kg bodyweight L050 oral rat 2500 mg/kg bodyweight L050 oral rat 2490 mg/kg D050 oral rat 2490 mg/kg bodyweight L050 oral rat 5 g/kg L050 oral rat 3450 mg/kg bodyweight L050 oral rat 3650 mg/kg bodyweight L050 oral rat 3900 mg/kg bodyweight	LD50 dermal rabbit	> 5000 mg/kg		
LDS0 oral1000 mg/kg bodyweightLDS0 dermal rabbit> 5 g/kg bourgeonal (18127-01-0) 2700 mg/kgLDS0 oral rat2500 mg/kg bodyweightLDS0 oral rat2500 mg/kg bodyweightLDS0 oral rat25 g/kg Benzyl acetate (140-11-4) 2490 mg/kg bodyweightLDS0 oral rat2490 mg/kg bodyweightLDS0 oral rat2490 mg/kg bodyweightLDS0 oral rat2490 mg/kg bodyweightLDS0 oral rat5 g/kgLDS0 oral rat6 g/kgLDS0 oral rat2450 mg/kg bodyweightLDS0 oral rat6 g/kgLDS0 oral rat6 g/kg bodyweightLDS0 oral rat6 g/kg bodyweightLDS0 oral rat6 g/kg bodyweightLDS0 oral rat6 g/kg bodyweightLDS0 oral rat9 g/kg bodyweightLDS0 oral rat2 6 g/kgLDS0 oral rat2 0 g/kg bodyweightLDS0 oral rat2 0 g/kg bodyweightLDS0 oral rat2 0 g/kg bodyweightLDS0 oral rat <t< td=""><td>ACETYL HEXAMETHYL TETRALIN (21145-77-</td><td>7)</td></t<>	ACETYL HEXAMETHYL TETRALIN (21145-77-	7)		
LD50 dermal rabbit > 5 g/kg bourgeonal (18127-01-0) 2500 mg/kg bodyweight LD50 oral rat 2500 mg/kg bodyweight LD50 dermal rabbit > 5 g/kg Bonzyl acetate (140-11-4) 2490 mg/kg LD50 oral rat 2490 mg/kg bodyweight LD50 oral rat 2490 mg/kg LD50 oral rat 2490 mg/kg LD50 oral rat 5 g/kg LD50 oral rat 3450 mg/kg bodyweight LD50 oral rat 2650 mg/kg LD50 oral rat 2650 mg/kg bodyweight LD50 oral rat 2650 mg/kg bodyweight LD50 oral rat 2650 mg/kg bodyweight LD50 oral rat 2000 mg/kg bodyweight L	LD50 oral rat	570 mg/kg		
bourgeonal (18127-01-0) 2000 mg/kg LD50 oral rat 2000 mg/kg bodyweight LD50 oral rat 25 g/kg Benzyl acetate (140-11-4) 2490 mg/kg LD50 oral rat 2490 mg/kg bodyweight LD50 oral rat 5 g/kg LD50 oral rat 3450 mg/kg bodyweight LD50 oral rat 3450 mg/kg LD50 oral rat 2650 mg/kg LD50 oral rat 2650 mg/kg LD50 oral rat 2650 mg/kg LD50 oral rat 2000 mg/kg bodyweight LD50 oral rat 2000 mg/kg Trinofix O (144020-22.4) 2000 mg/kg LD50 oral rat 2000 mg/kg bodyweight	LD50 oral	1000 mg/kg bodyweight		
LOSO oral rat2700 mg/kgLDSO oral rat2500 mg/kg bodyweightLDSO dermal rabbit> 5 g/kgBenzyl acetate (140-11-4)2490 mg/kgLDSO oral rat2490 mg/kg bodyweightLDSO oral rat2490 mg/kg bodyweightLDSO oral rat5 s000 mg/kgLDSO oral rat5 g/kgLDSO oral rat3370 mg/kg bodyweightLDSO oral rat5 dkm g/kgLDSO oral rat3450 mg/kgLDSO oral rat2650 mg/kgLDSO oral rat2650 mg/kgLDSO oral rat2650 mg/kgLDSO oral rat3900 mg/kg bodyweightLDSO oral2650 mg/kgLDSO oral900 mg/kg bodyweightLDSO oral2000 mg/kgTripial (Vertocitral) (68039-49-6)2000 mg/kgLDSO oral rat> 5000 mg/kgLDSO oral rat2000 mg/kgLDSO oral rat> 2000 mg/kgLDSO oral rat> 2000 mg/kgCashneran (33704-61-9)2000 mg/kgLDSO oral rat2000 mg/kg bodyweightHexanethylindanopyran (1222-05-5)2000 mg/kgLDSO oral rat> 3250 mg/kg	LD50 dermal rabbit	> 5 g/kg		
LD50 oral2500 mg/kg bodyweightLD50 dermal rabbit> 5 g/kgBenzyl acetate (140-11-4)2490 mg/kgLD50 oral rat2490 mg/kg bodyweightLD50 oral rat2490 mg/kg bodyweightLD50 dermal rabbit> 5000 mg/kgVertenex (32210-23-4)1000 mg/kg bodyweightLD50 oral rat5 g/kgLD50 oral rat2450 mg/kgLD50 oral rat3450 mg/kgLD50 oral rat2450 mg/kgLD50 oral rat2650 mg/kgLD50 oral rat2650 mg/kgLD50 oral rat2650 mg/kgLD50 oral rat2650 mg/kgLD50 oral3900 mg/kg bodyweightTriplal (Vertocitral) (68039-49-6)1000 mg/kgLD50 oral rat> 5000 mg/kgLD50 oral rat> 5000 mg/kgLD50 oral rat> 2000 mg/kgLD50 oral rat> 2000 mg/kgLD50 oral rat> 2000 mg/kgLD50 oral rat> 2000 mg/kgLD50 oral rat2000 mg/kgLD50 oral rat> 2000 mg/kgLD50 oral rat <t< td=""><td>bourgeonal (18127-01-0)</td><td></td></t<>	bourgeonal (18127-01-0)			
LD50 dermal rabbit > 5 g/kg Benzyl acetate (140-11-4) 2490 mg/kg LD50 oral rat 2490 mg/kg bodyweight LD50 dermal rabbit 2490 mg/kg bodyweight LD50 dermal rabbit 5 g/kg Vertenex (32210-23-4) 5 g/kg LD50 oral rat 2450 mg/kg bodyweight LD50 oral rat 2450 mg/kg bodyweight LD50 oral rat 2650 mg/kg bodyweight LD50 oral rat 2650 mg/kg bodyweight LD50 oral rat 2650 mg/kg bodyweight Triplal (Vertocitral) (68039-49-6) 2000 mg/kg LD50 oral rat > 5000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat 2900 mg/kg bodyweight <td>LD50 oral rat</td> <td>2700 mg/kg</td>	LD50 oral rat	2700 mg/kg		
Benzyi acetate (140-11-4)LD50 oral rat2490 mg/kgLD50 oral rat2490 mg/kg bodyweightLD50 oral a> 5000 mg/kgVertenex (32210-23-4)5 g/kgLD50 oral rat5 g/kgLD50 oral rat3370 mg/kg bodyweightLD50 oral rat5 g/kgCitronelio Pure (106-22-9)3450 mg/kgLD50 oral rat3450 mg/kg bodyweightLD50 oral rat3900 mg/kg bodyweightLD50 oral rat3900 mg/kg bodyweightTriplal (Vertocitral) (68039-49-6)3900 mg/kg bodyweightTriplat (Vertocitral) (68039-49-6)2000 mg/kgLD50 oral rat> 5000 mg/kgLD50 oral rat> 2000 mg/kgLD50 oral rat> 2000 mg/kg bodyweightLD50 oral rat2000 mg/kg bodyweightCashmeran (33704-61-9)2000 mg/kg bodyweightLD50 oral rat2000 mg/kg bodyweightHexamethylindanopyran (1222-05-5)2000 mg/kgLD50 oral rat> 2500 mg/kg	LD50 oral	2500 mg/kg bodyweight		
LD50 oral rat2490 mg/kgLD50 oral2490 mg/kg bodyweightLD50 dermal rabbit> 5000 mg/kgVertenex (32210-23-4)LD50 oral rat5 g/kgLD50 oral rat5 g/kgLD50 oral rat\$ 5000 mg/kg bodyweightLD50 oral rat> 5000 mg/kgCitroneliol Pure (106-22-9)4450 mg/kgLD50 oral rat2450 mg/kgLD50 oral rat2650 mg/kgLD50 oral rat2650 mg/kgLD50 oral rat2650 mg/kgLD50 oral rat2650 mg/kgLD50 oral rat3000 mg/kg bodyweightLD50 oral rat2650 mg/kgLD50 oral rat2000 mg/kg bodyweightCorrent ration (144020-22-4)> 2000 mg/kgLD50 oral rat> 2000 mg/kg bodyweightLD50 oral rat> 2000 mg/kg bodyweightLD50 oral rat> 2000 mg/kgLD50 oral rat> 2000 mg/kgLD50 oral rat> 2000 mg/kg bodyweightLD50 oral rat> 2000 mg/kg bodyweight <t< td=""><td>LD50 dermal rabbit</td><td>> 5 g/kg</td></t<>	LD50 dermal rabbit	> 5 g/kg		
LD50 oral2490 mg/kg bodyweightLD50 dermal rabbit> 5000 mg/kgVertenex (32210-23-4)LD50 oral rat5 g/kgLD50 oral rat5 g/kgLD50 oral rat5 g/kgLD50 dermal rabbit> 5000 mg/kgCitroneliol Pure (106-22-9)LD50 oral rat3450 mg/kgLD50 oral rat2650 mg/kgLD50 oral rat2650 mg/kgLD50 oral rat2650 mg/kgLD50 oral3900 mg/kg bodyweightLD50 oral3900 mg/kg bodyweightLD50 oral rat5000 mg/kgLD50 oral rat2650 mg/kgLD50 oral rat2000 mg/kgLD50 oral rat2000 mg/kgLD50 oral rat> 2000 mg/kgLD50 oral rat2900 mg/kgLD50 oral rat2900 mg/kgLD50 oral rat2900 mg/kgCashmeran (33704-61-9)2900 mg/kg bodyweightLD50 oral rat2900 mg/kg bodyweightHexamethylindanopyran (1222-05-5)2900 mg/kgLD50 oral rat> 3250 mg/kg	Benzyl acetate (140-11-4)			
LD50 dermal rabbit> 5000 mg/kgVertenex (32210-23-4)5LD50 oral rat5LD50 oral rat3370 mg/kg bodyweightLD50 dermal rabbit> 5000 mg/kgCitronellol Pure (106-22-9)LD50 oral rat3450 mg/kgLD50 oral rat3450 mg/kg bodyweightLD50 oral rat2650 mg/kgLD50 dermal rabbit2650 mg/kgLD50 dermal rabbit2650 mg/kgLD50 dermal rabbit2650 mg/kg bodyweightLD50 oral rat3900 mg/kg bodyweightTriplal (Vertocitral) (68039-49-6)3900 mg/kg bodyweightTrinofix O (144020-22-4)2000 mg/kgLD50 oral rat> 5000 mg/kgLD50 oral rat> 2000 mg/kg bodyweightLD50 oral rat> 2000 mg/kg bodyweightHexamethylindanopyran (1222-05-5)ILD50 oral rat> 3250 mg/kg	LD50 oral rat	2490 mg/kg		
Vertenex (32210-23-4) LD50 oral rat 5 g/kg LD50 oral rat 3370 mg/kg bodyweight LD50 dermal rabbit > 5000 mg/kg Citronellol Pure (106-22-9) LD50 oral rat 3450 mg/kg LD50 oral rat 3450 mg/kg LD50 oral rat 2650 mg/kg LD50 dermal rabbit 2650 mg/kg LD50 dermal rabbit 2650 mg/kg bodyweight LD50 dermal rabbit 2650 mg/kg bodyweight Triplal (Vertocitral) (68039-49-6) 3900 mg/kg bodyweight LD50 oral rat 2650 mg/kg LD50 oral rat 2000 mg/kg bodyweight Trimofix O (144020-22-4) LD50 oral rat > 5000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat 2000 mg/kg bodyweight LD50 oral 2900 mg/kg bodyweight	LD50 oral	2490 mg/kg bodyweight		
LD50 oral rat 5 g/kg LD50 oral 3370 mg/kg bodyweight LD50 dermal rabbit > 5000 mg/kg Citronellol Pure (106-22-9) LD50 oral rat 3450 mg/kg LD50 oral rat 3450 mg/kg LD50 oral rat 3450 mg/kg LD50 oral rat 3650 mg/kg LD50 dermal rabbit 2650 mg/kg LD50 dermal rabbit 2650 mg/kg LD50 dermal rabbit 2650 mg/kg LD50 dermal 3900 mg/kg bodyweight Triplal (Vertocitral) (68039-49-6) LD50 oral rat 3900 mg/kg bodyweight LD50 oral rat 2000 mg/kg bodyweight LD50 oral rat > 5000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat 2000 mg/kg bodyweight LD50 oral rat > 2000 mg/kg bodyweight	LD50 dermal rabbit	> 5000 mg/kg		
LD50 oral 3370 mg/kg bodyweight LD50 dermal rabbit > 5000 mg/kg Citronellol Pure (106-22-9) LD50 oral rat 3450 mg/kg LD50 oral rat 3450 mg/kg bodyweight LD50 dermal rabbit 2650 mg/kg LD50 dermal rabbit 2650 mg/kg LD50 dermal rabbit 2650 mg/kg bodyweight LD50 dermal 3900 mg/kg bodyweight Triplal (Vertocitral) (68039-49-6) LD50 oral 3900 mg/kg bodyweight Triplat (Vertocitral) (68039-49-6) LD50 oral 3900 mg/kg bodyweight Costnart > 5000 mg/kg bodyweight LD50 oral rat > 5000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 mg/kg LD50 oral rat > 2000 mg/kg bodyweight LD50 oral (33704-61-9) LD50 oral 2900 mg/kg bodyweight Hexamethylindanopyran (1222-05-5) LD50 oral rat > 3250 mg/kg	Vertenex (32210-23-4)			
LD50 dermal rabbit> 5000 mg/kgCitronellol Pure (106-22-9)LD50 oral rat3450 mg/kgLD50 oral rat3450 mg/kg bodyweightLD50 dermal rabbit2650 mg/kgLD50 dermal rabbit2650 mg/kg bodyweightTriplal (Vertocitral) (68039-49-6)2650 mg/kg bodyweightLD50 oral3900 mg/kg bodyweightTrimofix O (144020-22-4)25000 mg/kgLD50 oral rat> 5000 mg/kgLD50 oral rat> 2000 mg/kg bodyweightLD50 oral rat> 2000 mg/kg bodyweightHexamethylindanopyran (1222-05-5)> 3250 mg/kg	LD50 oral rat	5 g/kg		
Citronellol Pure (106-22-9)LD50 oral rat3450 mg/kgLD50 oral3450 mg/kg bodyweightLD50 dermal rabbit2650 mg/kgLD50 dermal2650 mg/kg bodyweightTriplal (Vertocitral) (68039-49-6)2650 mg/kg bodyweightLD50 oral3900 mg/kg bodyweightTrimofix O (144020-22-4)2000 mg/kgLD50 oral rat> 5000 mg/kgLD50 oral rat> 2000 mg/kg bodyweightLD50 oral rat> 2000 mg/kgLD50 oral rat> 2000 mg/kg bodyweight	LD50 oral	3370 mg/kg bodyweight		
LD50 oral rat3450 mg/kgLD50 oral3450 mg/kg bodyweightLD50 dermal rabbit2650 mg/kgLD50 dermal2650 mg/kg bodyweightTriplal (Vertocitral) (68039-49-6)2650 mg/kg bodyweightLD50 oral3900 mg/kg bodyweightTrimofix O (144020-22-4)2000 mg/kgLD50 oral rat> 5000 mg/kgLD50 dermal rat> 2000 mg/kgLD50 oral rat> 2000 mg/kg bodyweightLD50 oral rat> 2000 mg/kgLD50 oral rat> 2000 mg/kg bodyweightLD50 oral rat> 2000 mg/kg bodyweight	LD50 dermal rabbit	> 5000 mg/kg		
LD50 oral3450 mg/kg bodyweightLD50 dermal rabbit2650 mg/kgLD50 dermal2650 mg/kg bodyweightTriplal (Vertocitral) (68039-49-6)LD50 oral3900 mg/kg bodyweightTrimofix O (144020-22-4)LD50 oral rat> 5000 mg/kgLD50 oral rat> 2000 mg/kgLD50 dermal rat> 2000 mg/kgCashmeran (33704-61-9)LD50 oral2900 mg/kg bodyweightLD50 oral rat> 2000 mg/kgJoon mg/kg bodyweightLD50 oral rat> 2000 mg/kgJoon mg/kg bodyweight	Citronellol Pure (106-22-9)			
LD50 dermal rabbit2650 mg/kgLD50 dermal2650 mg/kg bodyweightTriplal (Vertocitral) (68039-49-6)3900 mg/kg bodyweightLD50 oral3900 mg/kg bodyweightTrimofix O (144020-22-4)> 5000 mg/kgLD50 oral rat> 5000 mg/kgLD50 oral rat> 2000 mg/kgLD50 dermal rat> 2000 mg/kgCashmeran (33704-61-9)2900 mg/kg bodyweightLD50 oral2900 mg/kg bodyweightHexamethylindanopyran (1222-05-5)2900 mg/kgLD50 oral rat> 3250 mg/kg	LD50 oral rat	3450 mg/kg		
LD50 dermal 2650 mg/kg bodyweight Triplal (Vertocitral) (68039-49-6) 3900 mg/kg bodyweight LD50 oral 3900 mg/kg bodyweight Trimofix O (144020-22-4) 2000 mg/kg LD50 oral rat > 5000 mg/kg LD50 dermal rat > 2000 mg/kg Cashmeran (33704-61-9) 2900 mg/kg bodyweight LD50 oral 2900 mg/kg bodyweight LD50 oral rat > 2000 mg/kg	LD50 oral	3450 mg/kg bodyweight		
Triplal (Vertocitral) (68039-49-6) LD50 oral 3900 mg/kg bodyweight Trimofix O (144020-22-4) LD50 oral rat > 5000 mg/kg LD50 dermal rat > 2000 mg/kg Cashmeran (33704-61-9) 2900 mg/kg bodyweight LD50 oral 2900 mg/kg bodyweight Hexamethylindanopyran (1222-05-5) 2900 mg/kg LD50 oral rat > 3250 mg/kg	LD50 dermal rabbit	2650 mg/kg		
LD50 oral 3900 mg/kg bodyweight Trimofix O (144020-22-4) LD50 oral rat > 5000 mg/kg LD50 dermal rat > 2000 mg/kg Cashmeran (33704-61-9) LD50 oral 2900 mg/kg bodyweight Hexamethylindanopyran (1222-05-5) LD50 oral rat > 3250 mg/kg	LD50 dermal	2650 mg/kg bodyweight		
Trimofix O (144020-22-4) LD50 oral rat > 5000 mg/kg LD50 dermal rat > 2000 mg/kg Cashmeran (33704-61-9) 2900 mg/kg bodyweight LD50 oral 2900 mg/kg bodyweight Hexamethylindanopyran (1222-05-5) > 3250 mg/kg	Triplal (Vertocitral) (68039-49-6)			
LD50 oral rat> 5000 mg/kgLD50 dermal rat> 2000 mg/kgCashmeran (33704-61-9)LD50 oral2900 mg/kg bodyweightHexamethylindanopyran (1222-05-5)LD50 oral rat> 3250 mg/kg	LD50 oral	3900 mg/kg bodyweight		
LD50 dermal rat > 2000 mg/kg Cashmeran (33704-61-9) 2900 mg/kg bodyweight LD50 oral 2900 mg/kg bodyweight Hexamethylindanopyran (1222-05-5) > 3250 mg/kg	Trimofix O (144020-22-4)			
Cashmeran (33704-61-9) LD50 oral 2900 mg/kg bodyweight Hexamethylindanopyran (1222-05-5) LD50 oral rat > 3250 mg/kg	LD50 oral rat	> 5000 mg/kg		
LD50 oral 2900 mg/kg bodyweight Hexamethylindanopyran (1222-05-5) 23250 mg/kg LD50 oral rat > 3250 mg/kg	LD50 dermal rat	> 2000 mg/kg		
Hexamethylindanopyran (1222-05-5) LD50 oral rat > 3250 mg/kg	Cashmeran (33704-61-9)			
LD50 oral rat > 3250 mg/kg	LD50 oral	2900 mg/kg bodyweight		
	Hexamethylindanopyran (1222-05-5)			
	LD50 oral rat	> 3250 mg/kg		
LDOU dermai rabbit > 3250 mg/kg	LD50 dermal rabbit	> 3250 mg/kg		

Safety Data Sheet

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

OXACYCLOHEPTADEC-10-EN-2-ONE (28645-	51-4)
LD50 dermal rat	> 2000 mg/kg
COUMARIN (91-64-5)	
LD50 oral rat	> 5000 mg/kg
LD50 oral	500 mg/kg bodyweight
LD50 dermal rat	293 mg/kg
Serious eye damage/irritation:Respiratory or skin sensitisation:	Not classified Not classified May cause an allergic skin reaction.
5 7	Not classified Not classified
Bis(2-ethylhexyl) adipate (103-23-1)	
IARC group	3 - Not classifiable
Benzyl acetate (140-11-4)	
IARC group	3 - Not classifiable
COUMARIN (91-64-5)	
IARC group	3 - Not classifiable
STOT-single exposure :	Not classified Not classified Not classified
bourgeonal (18127-01-0)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Cashmeran (33704-61-9)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard :	Not classified
Benzyl benzoate (120-51-4)	
Viscosity, kinematic	7.456 mm²/s
11.2. Information on other hazards	

No additional information available

SECTION 12: Ecological information

12.1. Toxicity	
Hazardous to the aquatic environment, short-term : (acute)	Toxic to aquatic life with long lasting effects. Not classified
Hazardous to the aquatic environment, long-term : (chronic)	Toxic to aquatic life with long lasting effects.
Bis(2-ethylhexyl) adipate (103-23-1)	
LC50 - Fish [1]	0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 - Fish [2]	0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	> 1.6 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	> 500 mg/l (Species: Desmodesmus subspicatus)

Safety Data Sheet

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

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
Linalool (78-70-6)	
EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodesmus subspicatus)
Benzyl salicylate (118-58-1)	
LC50 - Fish [1]	1.03 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
Linalyl acetate (115-95-7)	
LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through])
Vertenex (32210-23-4)	
LC50 - Fish [1]	8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static])
Trimofix O (144020-22-4)	
LC50 - Fish [1]	0.63 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
Cashmeran (33704-61-9)	
LC50 - Fish [1]	10.3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-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
12.2. Persistence and degradability	
Benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.
12.3. Bioaccumulative potential	
Bis(2-ethylhexyl) adipate (103-23-1)	
BCF - Fish [1]	(27 dimensionless)
Partition coefficient n-octanol/water (Log Pow)	8.94 (at 25 °C)
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
Helional (1205-17-0)	
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C)
Linalyl acetate (115-95-7)	

Safety Data Sheet

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

ACETYL HEXAMETHYL TETRALIN (21145-77-7)			
Partition coefficient n-octanol/water (Log Pow)	5.7 (at 24 °C)		
bourgeonal (18127-01-0)			
Partition coefficient n-octanol/water (Log Pow)	3.2 (at 20 °C (at pH 7)		
Benzyl acetate (140-11-4)			
Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 7)		
Vertenex (32210-23-4)			
Partition coefficient n-octanol/water (Log Pow)	4.8 (at 25 °C)		
Citronellol Pure (106-22-9)			
Partition coefficient n-octanol/water (Log Pow)	3.41 (at 25 °C)		
Trimofix O (144020-22-4)			
Partition coefficient n-octanol/water (Log Pow)	5.3 – 5.8 (at 25 °C (at pH >=7-<=7.3)		
Cashmeran (33704-61-9)			
BCF - Fish [1]	(81 dimensionless (whole body w.w.)		
Partition coefficient n-octanol/water (Log Pow)	4.2 (at 20 °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)		
OXACYCLOHEPTADEC-10-EN-2-ONE (28645-51-4)			
Partition coefficient n-octanol/water (Log Pow)	6.7 (at 23 °C)		
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

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.

Safety Data Sheet

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

HP Code
 : 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.

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	ΙΑΤΑ	ADN	RID
I4.1. UN number or ID n	umber	· ·		
UN 3082	UN 3082	UN 3082	Not regulated	Not regulated
14.2. UN proper shippin	g name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cedramber)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cedramber)	Environmentally hazardous substance, liquid, n.o.s. (Cedramber)	Not regulated	Not regulated
Fransport document descr	iption			
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cedramber), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cedramber), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Cedramber), 9, III	Not regulated	Not regulated
14.3. Transport hazard o	class(es)			
9	9	9	Not regulated	Not regulated
			Not regulated	Not regulated
14.4. Packing group				
111		III	Not regulated	Not regulated
14.5. Environmental haz	ards	· · · ·		
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Not regulated	Not regulated

Safety Data Sheet

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

14.6. Special precautions for user

Overland transport	
Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 51
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)	
Portable tank and bulk container special provisions	TP1, TP29
(ADR)	,0
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	
	<u>90</u> 3082
	3082
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
	: IBC03
IBC packing instructions (IMDG)	. IBCUS
IBC packing instructions (IMDG) Tank instructions (IMDG)	
Tank instructions (IMDG)	: T4
Tank instructions (IMDG) Tank special provisions (IMDG)	: T4 : TP1, TP29
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire)	: T4 : TP1, TP29 : F-A
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage)	: T4 : TP1, TP29 : F-A : S-F
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire)	: T4 : TP1, TP29 : F-A
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage)	: T4 : TP1, TP29 : F-A : S-F
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport	: T4 : TP1, TP29 : F-A : S-F
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA)	: T4 : TP1, TP29 : F-A : S-F : A : E1
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA)	: T4 : TP1, TP29 : F-A : S-F : A : E1 : Y964
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA)	: T4 : TP1, TP29 : F-A : S-F : A : E1 : Y964 : 30kgG
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA)	: T4 : TP1, TP29 : F-A : S-F : A : E1 : Y964 : 30kgG : 964
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA)	: T4 : TP1, TP29 : F-A : S-F : A : E1 : Y964 : 30kgG : 964 : 450L
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA)	 T4 TP1, TP29 F-A S-F A E1 Y964 30kgG 964 450L 964
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA)	 T4 TP1, TP29 F-A S-F A E1 Y964 30kgG 964 450L 964 450L
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA)	 T4 TP1, TP29 F-A S-F A E1 Y964 30kgG 964 450L 964 450L 964 450L 964 450L
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA)	 T4 TP1, TP29 F-A S-F A E1 Y964 30kgG 964 450L 964 450L
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA)	 T4 TP1, TP29 F-A S-F A E1 Y964 30kgG 964 450L 964 450L 964 450L 964 450L
Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA)	 T4 TP1, TP29 F-A S-F A E1 Y964 30kgG 964 450L 964 450L 964 450L A97, A158, A197

Rail transport Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Safety Data Sheet

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

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)	Bergamot 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
3(b)	La Vie est Belle #EU39003F ; Benzyl benzoate ; Cedramber ; Iso E Super ; Linalool ; Benzyl salicylate ; Helional ; Bergamot oil ; Patchouli oil ; Linalyl acetate ; bourgeonal ; Vertenex ; Citronellol Pure ; Triplal (Vertocitral) ; Trimofix O ; Cashmeran	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)	La Vie est Belle #EU39003F ; Benzyl benzoate ; Cedramber ; Iso E Super ; Benzyl salicylate ; Helional ; Bergamot oil ; Patchouli oil ; bourgeonal ; Benzyl acetate ; Triplal (Vertocitral) ; Trimofix O ; Cashmeran ; Hexamethylindanopyran ; OXACYCLOHEPTADEC- 10-EN-2-ONE	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.	Bergamot 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)

Safety Data Sheet

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

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)

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 3, Highly 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 environment SZW-lijst van kankerverwekkende stoffen Bergamot oil, Triplal (Vertocitral) are listed : SZW-lijst van mutagene stoffen Bergamot oil, Triplal (Vertocitral) 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 Vruchtbaarheid SZW-lijst van reprotoxische 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 Switzerland Storage class (LK) : LK 10/12 - Liquids 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	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	

Safety Data Sheet

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

Abbreviations and acronyms:		
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	
vPvB	Very Persistent and Very Bioaccumulative	
WGK	Water Hazard Class	

Full text of H- and EUH-statements:

Tui text of the and Loth-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 (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	
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.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H331	Toxic if inhaled.	
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.	

Safety Data Sheet

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

Full text of H- and EUH-statements:		
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	
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	

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.