

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 20.12.2023 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Trade name : BAIES #EU43622F UFI : 55TV-U3SA-H009-8KS7

Product code : EU43622F.

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 : Perfumes, fragrances

Function or use category : Odour agents

1.2.2. Uses advised against

Use of the substance/mixture

No additional information available

1.3. Details of the supplier of the safety data sheet

FRENCH COLOR & FRAGRANCE International GmbH

Mittlerer Weg 35 DE- 79424 Auggen

Germany

T 49-7631-931-8900

SDS@frenchcolor.com - www.frenchcolor.com

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 corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 1 H318
Skin sensitisation, Category 1 H317
Hazardous to the aquatic environment – Acute Hazard,

Category 1

Hazardous to the aquatic environment – Chronic Hazard, H410

Category 1

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 damage. Very toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.

Safety Data Sheet

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

2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP) : Danger

Contains : Benzyl benzoate; Phenylethyl alcohol; Geraniol; Nerol; Citronellol Pure; Cajeput oil;

Lavandin abrialis oil; Geranium oil Egyptian; Hydroxy; Elemi oil; Phenylacetaldehyde;

Triplal (Vertocitral)

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

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage.

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

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 and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or 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-	24,3 – 48,588	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Phenylethyl alcohol	CAS-No.: 60-12-8 EC-No.: 200-456-2 REACH-no: 01-2119963921- 31	8,5 – 17	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Citronellyl acetate (mixed Isomers)	CAS-No.: 150-84-5 EC-No.: 205-775-0	3,5 – 7	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
OXACYCLOHEPTADEC-10-EN-2-ONE	CAS-No.: 28645-51-4 EC-No.: 249-120-7	1,5 – 3	Aquatic Chronic 1, H410 (M=10) Aquatic Acute 1, H400 (M=10)

Safety Data Sheet

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Geraniol	CAS-No.: 106-24-1 EC-No.: 203-377-1 EC Index-No.: 603-241-00-5 REACH-no: 01-2119552430-	0,7 – 1,89	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
Veloutone	CAS-No.: 65443-14-3 EC-No.: 265-779-3	0,8 – 1,5	Aquatic Chronic 2, H411
Geranium oil Egyptian	CAS-No.: 8000-46-2 EC-No.: 290-140-0 REACH-no: 01-2120769423- 50	0,8 – 1,5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Nerol	CAS-No.: 106-25-2 EC-No.: 203-378-7	0,42 – 1,35	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Citronellol Pure	CAS-No.: 106-22-9 EC-No.: 203-375-0 REACH-no: 01-2119453995- 23	0,542 – 1,135	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Veramoss powder	CAS-No.: 4707-47-5 EC-No.: 225-193-0 REACH-no: 01-2120762759- 36	0,5 – 1	Aquatic Chronic 3, H412
Cajeput oil	CAS-No.: 8008-98-8 EC-No.: 287-316-4	0,5 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Lavandin abrialis oil	CAS-No.: 8022-15-9 EC-No.: 617-009-6	0,5 – 1	Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Camphor substance with national workplace exposure limit(s) (AT, BE, BG, DK, ES, FI, FR, GB, GR, HR, IE, LT, PL, PT, RO, SK, NO, CH)	CAS-No.: 76-22-2 EC-No.: 200-945-0	0,3 – 0,5	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 2, H371 Aquatic Chronic 2, H411
Triplal (Vertocitral)	CAS-No.: 68039-49-6 EC-No.: 268-264-1	0,2 – 0,463	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Hydroxy	CAS-No.: 107-75-5 EC-No.: 203-518-7 REACH-no: 01-2119973482- 31	0,2 - 0,4	Eye Irrit. 2, H319 Skin Sens. 1B, 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]
Elemi oil	CAS-No.: 8023-89-0	0,2 - 0,3	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Rose oxide	CAS-No.: 16409-43-1 EC-No.: 240-457-5	0,1 – 0,2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361
Phenylacetaldehyde	CAS-No.: 122-78-1 EC-No.: 204-574-5 REACH-no: 01-2120766865- 37	0,1 – 0,2	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
citral substance with national workplace exposure limit(s) (BE, ES, IE, PL, PT)	CAS-No.: 5392-40-5 EC-No.: 226-394-6 EC Index-No.: 605-019-00-3 REACH-no: 01-2119462829- 23	0,014 – 0,081	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Alcohol C-10 substance with national workplace exposure limit(s) (BG, DE, LT, LV, RO, CH)	CAS-No.: 112-30-1 EC-No.: 203-956-9	0 – 0,0056	Aquatic Chronic 3, H412
Aldehyde C-6 substance with national workplace exposure limit(s) (FI, PL)	CAS-No.: 66-25-1 EC-No.: 200-624-5	0 – 0,0014	Flam. Liq. 3, H226
Caproic acid substance with national workplace exposure limit(s) (BG, LT, LV)	CAS-No.: 142-62-1 EC-No.: 205-550-7	0 – 0,0001	Eye Dam. 1, H318 Skin Corr. 1C, H314

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 : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). 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. Allow affected person to

breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact

: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated

clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Do NOT induce vomiting. Obtain emergency medical attention. 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 : Not expected to present a significant hazard under anticipated conditions of normal use.

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

Symptoms/effects after eye contact : Serious damage to eyes.

Safety Data Sheet

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

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

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

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

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

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

breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

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

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

6.1.2. For emergency responders

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

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

controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

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

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

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

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. 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. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always

wash hands after handling the product.

20.12.2023 (Issue date) EN (English) 5/22

Safety Data Sheet

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

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep away

from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep

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

Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

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

citral (5392-40-5)		
Belgium - Occupational Exposure Limits		
OEL TWA	32 mg/m³ (vapor and aerosol)	
OEL TWA	5 ppm (vapor and aerosol)	
OEL chemical category	Skin	
Ireland - Occupational Exposure Limits		
OEL TWA [2]	5 ppm	
OEL STEL	15 ppm (calculated)	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	27 mg/m³	
NDSCh (OEL STEL)	54 mg/m³	
Portugal - Occupational Exposure Limits		
OEL TWA	5 ppm (inhalable fraction; vapor)	
OEL chemical category	Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen, skin - potential for cutaneous exposure	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [2]	5 ppm (inhalable fraction and vapor)	
OEL chemical category	Sensitizer, skin - potential for cutaneous absorption	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	5 ppm (inhalable fraction and vapor)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen, Skin - potential significant contribution to overall exposure by the cutaneous route, dermal sensitizer	
Camphor (76-22-2)		
Austria - Occupational Exposure Limits		
MAK (OEL TWA)	13 mg/m³	
MAK (OEL TWA) [ppm]	2 ppm	

Safety Data Sheet

Camphor (76-22-2)		
Belgium - Occupational Exposure Limits		
OEL TWA	12 mg/m³	
OEL TWA	2 ppm	
OEL STEL	19 mg/m³	
OEL STEL	3 ppm	
Bulgaria - Occupational Exposure Limits		
OEL TWA	12 mg/m³	
OEL STEL	18 mg/m³	
Croatia - Occupational Exposure Limits		
GVI (OEL TWA) [1]	13 mg/m³	
GVI (OEL TWA) [2]	2 ppm	
KGVI (OEL STEL)	19 mg/m³	
KGVI (OEL STEL) [ppm]	3 ppm	
Denmark - Occupational Exposure Limits		
OEL TWA [1]	12 mg/m³	
OEL TWA [2]	2 ppm	
OEL STEL	24 mg/m³	
OEL STEL	4 ppm	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	1,9 mg/m³	
HTP (OEL TWA) [2]	0,3 ppm	
HTP (OEL STEL)	5,7 mg/m³	
HTP (OEL STEL) [ppm]	0,9 ppm	
France - Occupational Exposure Limits		
VME (OEL TWA)	12 mg/m³	
VME (OEL TWA) [ppm]	2 ppm	
Greece - Occupational Exposure Limits		
OEL TWA	12 mg/m³ (inhalable fraction)	
OEL STEL	18 mg/m³	
Ireland - Occupational Exposure Limits		
OEL TWA [1]	12 mg/m³	
OEL TWA [2]	2 ppm	
OEL STEL	18 mg/m³	
OEL STEL	3 ppm	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	3 mg/m³	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	12 mg/m³	
NDSCh (OEL STEL)	18 mg/m³	

Safety Data Sheet

Camphor (76-22-2)		
Portugal - Occupational Exposure Limits		
OEL TWA	2 ppm	
OEL STEL	3 ppm	
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen	
Romania - Occupational Exposure Limits		
OEL TWA	1 mg/m³	
OEL TWA	6 ppm	
OEL STEL	3 mg/m³	
OEL STEL	18 ppm	
Slovakia - Occupational Exposure Limits		
NPHV (OEL TWA) [1]	13 mg/m³	
NPHV (OEL TWA) [2]	2 ppm	
NPHV (OEL C)	26 mg/m³	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1]	13 mg/m³	
VLA-ED (OEL TWA) [2]	2 ppm	
VLA-EC (OEL STEL)	19 mg/m³	
VLA-EC (OEL STEL) [ppm]	3 ppm	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	13 mg/m³	
WEL TWA (OEL TWA) [2]	2 ppm	
WEL STEL (OEL STEL)	19 mg/m³	
WEL STEL (OEL STEL) [ppm]	3 ppm	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA) [1]	12 mg/m³	
Grenseverdi (OEL TWA) [2]	2 ppm	
Korttidsverdi (OEL STEL)	18 mg/m³ (value calculated)	
Korttidsverdi (OEL STEL) [ppm]	4 ppm (value calculated)	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	13 mg/m³ (aerosol, vapour)	
MAK (OEL TWA) [2]	2 ppm (aerosol, vapour)	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	2 ppm (synthetic)	
ACGIH OEL STEL [ppm]	3 ppm (synthetic)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen synthetic	
Alcohol C-10 (112-30-1)		
Bulgaria - Occupational Exposure Limits		
OEL TWA	10 mg/m³	

Safety Data Sheet

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

Alcohol C-10 (112-30-1)		
Germany - Occupational Exposure Limits (TRGS 900)		
AGW (OEL TWA) [1]	66 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	
AGW (OEL TWA) [2]	10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	
Latvia - Occupational Exposure Limits		
OEL TWA	10 mg/m³	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	10 mg/m³	
Romania - Occupational Exposure Limits		
OEL TWA	100 mg/m³	
OEL TWA	15 ppm	
OEL STEL	200 mg/m³	
OEL STEL	30 ppm	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	66 mg/m³ (aerosol, vapour)	
MAK (OEL TWA) [2]	10 ppm (aerosol, vapour)	
KZGW (OEL STEL)	66 mg/m³ (aerosol, vapour)	
KZGW (OEL STEL) [ppm]	10 ppm (aerosol, vapour)	
Aldehyde C-6 (66-25-1)		
Finland - Occupational Exposure Limits		
HTP (OEL STEL)	42 mg/m³	
HTP (OEL STEL) [ppm]	10 ppm	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	40 mg/m³	
NDSCh (OEL STEL)	80 mg/m³	
Caproic acid (142-62-1)		
Bulgaria - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Latvia - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	5 mg/m³	

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

Safety Data Sheet

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

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):





8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses. Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : light yellow. amber. Conforms to standard.

: characteristic. Odour : Not available Odour threshold : Not applicable Melting point Freezing point : Not available : Not available Boiling point Flammability : Not applicable : Not available Lower explosion limit Upper explosion limit Not available Flash point > 93 °C Auto-ignition temperature Not available Decomposition temperature Not available рΗ Not available Viscosity, kinematic Not available

20.12.2023 (Issue date) EN (English) 10/22

Safety Data Sheet

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

Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available Not available Vapour pressure Vapour pressure at 50°C Not available Density Not available Relative density Not available Relative vapour density at 20°C : Not available Particle characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

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

BAIES #EU43622F	
ATE CLP (oral)	928,147 mg/kg bodyweight
benzyl benzoate (120-51-4)	
LD50 oral rat	500 mg/kg (Source: NLM_CIP)
LD50 oral	1160 mg/kg bodyweight
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)
Phenylethyl alcohol (60-12-8)	
LD50 oral rat	1609 mg/kg (Source: EPA_HPV)
LD50 oral	1610 mg/kg bodyweight

Safety Data Sheet

Phenylethyl alcohol (60-12-8)		
LD50 dermal rabbit	2535 mg/kg (Source: EPA_HPV)	
LD50 dermal	2500 mg/kg bodyweight	
LC50 Inhalation - Rat	> 4,63 mg/l/4h	
OXACYCLOHEPTADEC-10-EN-2-ONE (28645-	51-4)	
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	
Citronellyl acetate (mixed Isomers) (150-84-5)		
LD50 oral rat	6800 mg/kg (Source: NLM_CIP)	
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)	
Geraniol (106-24-1)		
LD50 oral rat	3600 mg/kg (Source: NLM_CIP)	
LD50 oral	3600 mg/kg bodyweight	
LD50 dermal rabbit	> 5 g/kg (Source: NLM_CIP)	
Nerol (106-25-2)		
LD50 oral rat	4500 mg/kg (Source: NLM_CIP)	
LD50 oral	4500 mg/kg bodyweight	
LD50 dermal rabbit	> 5 g/kg (Source: NLM_CIP)	
Citronellol Pure (106-22-9)		
LD50 oral rat	3450 mg/kg (Source: NLM_CIP)	
LD50 oral	3450 mg/kg bodyweight	
LD50 dermal rabbit	2650 mg/kg (Source: EPA_HPV)	
LD50 dermal	2650 mg/kg bodyweight	
citral (5392-40-5)		
LD50 oral rat	4960 mg/kg (Source: NLM_CIP)	
LD50 dermal rabbit	2250 mg/kg (Source: NLM_CIP)	
Veramoss powder (4707-47-5)		
LD50 dermal rat	> 5000 mg/kg (Source: ECHA_API)	
Camphor (76-22-2)		
LD50 oral	1500 mg/kg bodyweight	
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	
LC50 Inhalation - Rat (Dust/Mist)	1,5 mg/l/4h	
Cajeput oil (8008-98-8)		
LD50 oral rat	3870 mg/kg (Source: NLM_CIP)	
LD50 oral	3870 mg/kg bodyweight	
Lavandin abrialis oil (8022-15-9)		
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)	
Geranium oil Egyptian (8000-46-2)		
LD50 oral	4811 mg/kg bodyweight	

Safety Data Sheet

Serious eye damage/irritation : Causes serious eye damage. Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-single exposure	Geranium oil Egyptian (8000-46-2)	
LD50 aral rat	LD50 dermal	2500 mg/kg bodyweight
Acchol C-10 (112-30-1)	Hydroxy (107-75-5)	
Alcohol C-10 (112-30-1) LD50 oral rat	LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
LD50 oral rat	LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)
LD50 dermal rabbit 3560 mg/kg (Source: NLM_CIP) Rose oxide (16409-43-1) LD50 oral rat 4300 mg/kg (Source: NLM_CIP) LD50 oral rat 4400 mg/kg (Source: NLM_CIP) LD50 oral rat 4890 mg/kg (Source: NLM_CIP) LD50 dermal rabbit 58100 mg/kg (Source: NLM_CIP) LD50 dermal rabbit 58100 mg/kg (Source: NLM_CIP) LD50 oral rat 3370 mg/kg (Source: NLM_CIP) LD50 oral 1550 mg/kg bodyweight Phenylacetaldehyde (122-78-1) LD50 oral 1550 mg/kg bodyweight LD50 dermal 2500 mg/kg bodyweight Triplal (Vertocitral) (68039-49-6) LD50 oral 3900 mg/kg bodyweight Caproic acid (142-62-1) LD50 oral rat 3 g/kg (Source: NLM_HSDB) LD50 oral rat 4000 mg/kg bodyweight LD50 dermal rabbit 630 mg/kg (Source: NLM_HSDB) Soliconoralon/irritation 500 causes skin irritation. Serious eye damage/irritation 501 causes serious eye damage. Respiratory or skin sensitisation 640 mg/kg (Source: NLM_HSDB) Soliconoralon/irritation 501 causes serious eye damage. Respiratory or skin sensitisation 640 mg/kg (Source: NLM_HSDB) Soliconoralon/irritation 501 causes sailergic skin reaction. Germ cell mulacerial skin reaction. Germ cell m	Alcohol C-10 (112-30-1)	
Rose oxide (16409-43-1) LD50 oral rat	LD50 oral rat	4720 mg/kg (Source: NZ_CCID)
LD50 oral rat	LD50 dermal rabbit	3560 mg/kg (Source: NLM_CIP)
LD50 oral 4300 mg/kg bodyweight Aldehyde C-6 (66-25-1) LD50 oral rat 4890 mg/kg (Source: NLM_CIP) LD50 dermal rabbit > 8100 mg/kg (Source: ECHA_API) Elemi oii (8023-89-0) LD50 oral at 3370 mg/kg (Source: NLM_CIP) LD50 oral 2370 mg/kg bodyweight LD50 dermal 2500 mg/kg bodyweight LD50 oral 1550 mg/kg bodyweight LD50 oral 2500 mg/kg bodyweight LD50 oral 2500 mg/kg bodyweight LD50 oral 3900 mg/kg bodyweight Triplai (Vertocitral) (68039-49-6) LD50 oral 3900 mg/kg bodyweight Caproic acid (142-62-1) LD50 oral 4000 mg/kg bodyweight LD50 oral 500 mg/kg bodyweight LD50 oral 600 mg/kg bodyweight LD50 oral 7000 mg/kg bodyweight LD50 oral 8000 mg/kg bodyweight LD50 oral 9000 mg/kg bodyweight LD50 oral 1000 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation 5000 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation 6000 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation 7000 mg/kg (Sour	Rose oxide (16409-43-1)	
Aldehyde C-6 (66-25-1) LD50 oral rat 4890 mg/kg (Source: NLM_CIP) > 8100 mg/kg (Source: ECHA_API) Elemi oil (8023-89-0) LD50 oral rat 3370 mg/kg (Source: NLM_CIP) LD50 oral 2500 mg/kg bodyweight LD50 dermal 2500 mg/kg bodyweight Phenylacetaldehyde (122-78-1) LD50 oral 1550 mg/kg bodyweight LD50 oral 2500 mg/kg bodyweight Triplal (Vertocitral) (68039-49-6) LD50 oral 3 g/kg (Source: NLM_HSDB) LD50 oral 3 g/kg (Source: NLM_HSDB) LD50 oral rat 3 g/kg (Source: NLM_HSDB) LD50 oral 4000 mg/kg bodyweight Caproic acid (142-62-1) LD50 oral 4000 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation Causes skin irritation. Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity Not classified Reproductive toxicity Not classified STOT-single exposure May cause damage to organs. STOT-single exposure May cause damage to organs. STOT-single exposure Not classified Denzyl benzoate (120-51-4)	LD50 oral rat	4300 mg/kg (Source: NLM_CIP)
LD50 oral rat RD50 oral rat RD	LD50 oral	4300 mg/kg bodyweight
DESCRIPTION STONE STONE DESCRIPTION	Aldehyde C-6 (66-25-1)	
LD50 oral rat LD50 oral Som gr/kg bodyweight LD50 oral JS900 mgr/kg bodyweight Triplal (Vertocitral) (68039-49-6) LD50 oral JS900 mgr/kg bodyweight Caproic acid (142-62-1) LD50 oral JS900 mgr/kg bodyweight LD50 dermal rabbit LD50 dermal LD50 der	LD50 oral rat	4890 mg/kg (Source: NLM_CIP)
LD50 oral rat LD50 oral LD50 oral LD50 oral LD50 dermal D500 dermal D500 mg/kg bodyweight Phenylacetaldehyde (122-78-1) LD50 oral LD50 oral LD50 dermal D500 mg/kg bodyweight LD50 dermal D500 mg/kg bodyweight Triplal (Vertocitral) (68039-49-6) LD50 oral D500 oral	LD50 dermal rabbit	> 8100 mg/kg (Source: ECHA_API)
LD50 oral 3370 mg/kg bodyweight D50 oral 2500 mg/kg bodyweight Phenylacetaldehyde (122-78-1) LD50 oral 1550 mg/kg bodyweight LD50 dermal 2500 mg/kg bodyweight Triplal (Vertocitral) (68039-49-6) LD50 oral 3900 mg/kg bodyweight Caproic acid (142-62-1) LD50 oral 3900 mg/kg bodyweight LD50 oral 4000 mg/kg bodyweight LD50 oral 500 mg/kg (Source: NLM_HSDB) LD50 oral 4000 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation 500 mg/kg (Source: NLM_HSDB) Skin corrosion/ir	Elemi oil (8023-89-0)	
D50 dermal 2500 mg/kg bodyweight D60 oral 1550 mg/kg bodyweight D50 oral 2500 mg/kg bodyweight D50 dermal 2500 mg/kg bodyweight D50 oral 3900 mg/kg bodyweight D50 oral D50 dermal rabbit	LD50 oral rat	3370 mg/kg (Source: NLM_CIP)
Phenylacetaldehyde (122-78-1) LD50 oral	LD50 oral	3370 mg/kg bodyweight
LD50 oral	LD50 dermal	2500 mg/kg bodyweight
LD50 dermal Tripial (Vertocitral) (68039-49-6) LD50 oral 3900 mg/kg bodyweight Caproic acid (142-62-1) LD50 oral a 3900 mg/kg bodyweight LD50 oral a 4000 mg/kg bodyweight LD50 oral a 4000 mg/kg bodyweight LD50 dermal rabbit a 630 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation c Causes skin irritation. Serious eye damage/irritation a May cause an allergic skin reaction. Germ cell mutagenicity not classified Carcinogenicity not classified Carcinogenicity not classified STOT-single exposure not classified Camphor (76-22-2) STOT-single exposure May cause damage to organs. STOT-repeated exposure Not classified Camphor (76-22-2) STOT-single exposure Not classified	Phenylacetaldehyde (122-78-1)	
Triplal (Vertocitral) (68039-49-6) LD50 oral 3900 mg/kg bodyweight Caproic acid (142-62-1) LD50 oral 3 g/kg (Source: NLM_HSDB) LD50 oral 4000 mg/kg bodyweight LD50 dermal rabbit 630 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation : Causes skin irritation. Serious eye damage/irritation : Causes serious eye damage. Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified Carcinogenicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-single exposure : Not classified STOT-repeated exposure : Not classified	LD50 oral	1550 mg/kg bodyweight
LD50 oral 3900 mg/kg bodyweight Caproic acid (142-62-1) LD50 oral at 3 g/kg (Source: NLM_HSDB) LD50 oral 4000 mg/kg bodyweight LD50 dermal rabbit 630 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation : Causes skin irritation. Serious eye damage/irritation : Causes serious eye damage. Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-single exposure : Not classified STOT-repeated exposure : Not classified STOT-repeated exposure : Not classified STOT-single exposure : Not classified STOT-single exposure : Not classified benzyl benzoate (120-51-4)	LD50 dermal	2500 mg/kg bodyweight
Caproic acid (142-62-1) LD50 oral rat 3 g/kg (Source: NLM_HSDB) LD50 oral 4000 mg/kg bodyweight LD50 dermal rabbit 630 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation : Causes skin irritation. Serious eye damage/irritation : Causes serious eye damage. Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-single exposure	Triplal (Vertocitral) (68039-49-6)	
LD50 oral rat LD50 oral LD50 oral 4000 mg/kg bodyweight LD50 dermal rabbit 630 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation Serious eye damage/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity Reproductive toxicity STOT-single exposure May cause damage to organs. May cause damage to organs. May cause damage to organs.	LD50 oral	3900 mg/kg bodyweight
LD50 oral LD50 dermal rabbit 630 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation : Causes skin irritation. Serious eye damage/irritation : Causes serious eye damage. Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-repeated exposure May cause damage to organs. STOT-repeated exposure : Not classified SHOT-repeated exposure : Not classified SHOT-repeated exposure : Not classified	Caproic acid (142-62-1)	
LD50 dermal rabbit 630 mg/kg (Source: NLM_HSDB) Skin corrosion/irritation : Causes skin irritation. Serious eye damage/irritation : Causes serious eye damage. Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-repeated exposure : Not classified	LD50 oral rat	3 g/kg (Source: NLM_HSDB)
Skin corrosion/irritation : Causes skin irritation. Serious eye damage/irritation : Causes serious eye damage. Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-single exposure : May cause damage to organs. STOT-repeated exposure : Not classified Aspiration hazard : Not classified benzyl benzoate (120-51-4)	LD50 oral	4000 mg/kg bodyweight
Serious eye damage/irritation : Causes serious eye damage. Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-single exposure	LD50 dermal rabbit	630 mg/kg (Source: NLM_HSDB)
Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-single exposure : May cause damage to organs. STOT-repeated exposure : Not classified Aspiration hazard : Not classified benzyl benzoate (120-51-4)		
Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-single exposure May cause damage to organs. STOT-repeated exposure : Not classified Aspiration hazard : Not classified benzyl benzoate (120-51-4)		
Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-single exposure May cause damage to organs. STOT-repeated exposure : Not classified Aspiration hazard : Not classified benzyl benzoate (120-51-4)	• •	
Reproductive toxicity : Not classified STOT-single exposure : Not classified Camphor (76-22-2) STOT-single exposure May cause damage to organs. STOT-repeated exposure : Not classified Aspiration hazard : Not classified benzyl benzoate (120-51-4)	· .	
STOT-single exposure : Not classified Camphor (76-22-2) STOT-single exposure May cause damage to organs. STOT-repeated exposure : Not classified Aspiration hazard : Not classified benzyl benzoate (120-51-4)		
STOT-single exposure May cause damage to organs. STOT-repeated exposure : Not classified Aspiration hazard : Not classified benzyl benzoate (120-51-4)		Not classified
STOT-repeated exposure : Not classified Aspiration hazard : Not classified benzyl benzoate (120-51-4)	Camphor (76-22-2)	
Aspiration hazard : Not classified benzyl benzoate (120-51-4)	STOT-single exposure	May cause damage to organs.
Aspiration hazard : Not classified benzyl benzoate (120-51-4)	STOT-repeated exposure :	Not classified
		Not classified
Viscosity, kinematic 7,456 mm²/s	benzyl benzoate (120-51-4)	
	Viscosity, kinematic	7,456 mm²/s

Safety Data Sheet

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

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

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

(acute)

: Very toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, long-term (chronic)

LC50 - Fish [1]

Alcohol C-10 (112-30-1)

Aldehvde C-6 (66-25-1)

benzyl benzoate (120-51-4)	
LC50 - Fish [1] 2,32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)	
NOEC (chronic) 0,168 mg/l	
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)

Geraniol (106-24-1)	
LC50 - Fish [1]	6,1 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
Citronellyi acetate (mixed isomers) (150-84-5)	

	Nerol (106-25-2)	
LC50 - Fish [1] 20,3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source		20,3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
	citral (5392-40-5)	

22 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA)

EC50 - Crustacea [1]	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	16 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	19 mg/l (Species: Desmodesmus subspicatus)

LC50 - Fish [1]	2,2 – 2,5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
LC50 - Fish [2]	4,12 – 6,2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
EC50 - Crustacea [1]	3 mg/l (Exposure time: 48 h - Species: Daphnia magna)

LC50 - Fish [1]	12 – 16,5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
Caproic acid (142-62-1)	
LC50 - Fish [1]	306 – 334 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]

Source: EPA)

Safety Data Sheet

Caproic acid (142-62-1)	
LC50 - Fish [2]	88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)
12.2. Persistence and degradability	
BAIES #EU43622F	
Persistence and degradability	Not established.
benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.
Geranium oil Egyptian (8000-46-2)	
Persistence and degradability	May cause long-term adverse effects in the environment.
12.3. Bioaccumulative potential	
BAIES #EU43622F	
Bioaccumulative potential	Not established.
benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	3,97 (at 25 °C)
Bioaccumulative potential	Not established.
Phenylethyl alcohol (60-12-8)	
Partition coefficient n-octanol/water (Log Pow)	1,36 (at 20 °C (at pH 7)
OXACYCLOHEPTADEC-10-EN-2-ONE (28645-	51-4)
Partition coefficient n-octanol/water (Log Pow)	6,7 (at 23 °C)
Citronellyl acetate (mixed Isomers) (150-84-5)	
Partition coefficient n-octanol/water (Log Pow)	4,9 (at 25 °C (at pH 4.23)
Geraniol (106-24-1)	
Partition coefficient n-octanol/water (Log Pow)	2,6 (at 25 °C)
Nerol (106-25-2)	
Partition coefficient n-octanol/water (Log Pow)	2,76 (at 30 °C (at pH 6.5)
Citronellol Pure (106-22-9)	
Partition coefficient n-octanol/water (Log Pow)	3,41 (at 25 °C)
citral (5392-40-5)	
Partition coefficient n-octanol/water (Log Pow)	2,76 (at 25 °C)
Veramoss powder (4707-47-5)	
Partition coefficient n-octanol/water (Log Pow)	2,6 (at 20 °C)
Camphor (76-22-2)	
Partition coefficient n-octanol/water (Log Pow)	2,414 (at 25 °C)
Veloutone (65443-14-3)	
Partition coefficient n-octanol/water (Log Pow)	4,7 (at 20 °C (at pH 6.8-7.4)

Safety Data Sheet

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

Geranium oil Egyptian (8000-46-2)		
Bioaccumulative potential	Not established.	
Hydroxy (107-75-5)		
Partition coefficient n-octanol/water (Log Pow)	1,68 (at 25 °C)	
Alcohol C-10 (112-30-1)		
Partition coefficient n-octanol/water (Log Pow) 4,5 (at 25 °C (at pH 6)		
Rose oxide (16409-43-1)		
Partition coefficient n-octanol/water (Log Pow)	3,3 (at 23 °C (at pH 6.5)	
Aldehyde C-6 (66-25-1)		
Partition coefficient n-octanol/water (Log Pow)	2,3 (at 25 °C (at pH 5)	
Phenylacetaldehyde (122-78-1)		
Partition coefficient n-octanol/water (Log Pow) 1,44 (at 25 °C (at pH 6.4)		
Caproic acid (142-62-1)	Caproic acid (142-62-1)	
Partition coefficient n-octanol/water (Log Pow)	1,88	

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

: Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

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 $^{\circ}\text{C}$ 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	umber			
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shippin	g name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate)	Environmentally hazardous substance, liquid, n.o.s. (Benzyl Benzoate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate)
Transport document descr	iption			
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Benzyl Benzoate), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate), 9, III
14.3. Transport hazard	class(es)			
9	9	9	9	9
3	**************************************	**************************************	**************************************	**************************************
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	I	ı	

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

Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 964
PCA max net quantity (IATA) : 450L
CAO packing instructions (IATA) : 964
CAO max net quantity (IATA) : 450L

Special 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

Safety Data Sheet

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

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	EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description	
3(a)	Cajeput oil ; Aldehyde C-6 ; Elemi 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)	BAIES #EU43622F; benzyl benzoate; Phenylethyl alcohol; Citronellyl acetate (mixed Isomers); Geraniol; Nerol; Citronellol Pure; citral; Cajeput oil; Lavandin abrialis oil; Geranium oil Egyptian; Hydroxy; Rose oxide; Elemi oil; Phenylacetaldehyde; Triplal (Vertocitral); Caproic acid	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)	BAIES #EU43622F; benzyl benzoate; OXACYCLOHEPTADEC- 10-EN-2-ONE; Citronellyl acetate (mixed Isomers); Cajeput oil; Lavandin abrialis oil; Veloutone; Geranium oil Egyptian; Alcohol C-10; Elemi oil; Phenylacetaldehyde; Triplal (Vertocitral)	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	

Safety Data Sheet

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

EU restriction list (REACH Annex XVII) Reference code Applicable on Entry title or description		
		Entry title or description
40.	Camphor ; Cajeput oil ; Aldehyde C-6 ; Elemi 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)

15.1.2. National regulations

Germany

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

Storage class (LGK, TRGS 510) : LGK 12 - Non-combustible liquids.

Joint storage table _GK 1 LGK 2A LGK 2B LGK 3 LGK 4.1A LGK 4.1B **LGK 4.2** GK 4 3 **LGK 5.1A** LGK 5.1B LGK 5.1C **LGK 6.1A LGK 6.1B** LGK 6.1C LGK 5.2 LGK 6.1D LGK 7 LGK 8A LGK 8B LGK 6.2 LGK 10 **LGK 11** LGK 12 LGK 13 LGK 10-13

Joint storage not permitted for : LGK 1, LGK 6.2, LGK 7.

Joint storage with restrictions permitted for : LGK 4.1A, LGK 4.3, LGK 5.1C.

Joint storage permitted for : LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A,

LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK

10-13.

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 : Cajeput oil, Veloutone, Triplal (Vertocitral) are listed SZW-lijst van mutagene stoffen : Cajeput oil, Veloutone, 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

20.12.2023 (Issue date) EN (English) 20/22

Safety Data Sheet

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

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

Other information : None.

Full text of H- and EUH-statements:		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Acute Tox. 4 Acute toxicity (inhalation:dust,mist) Category 4 (Inhalation:dust,mist)		
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 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	
Flam. Sol. 2	Flammable solids, Category 2	
H226	Flammable liquid and vapour.	
H228	Flammable solid.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H361	Suspected of damaging fertility or the unborn child.	
H371	May cause damage to organs.	
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	

Safety Data Sheet

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

Full text of H- and EUH-statements:	
Skin Corr. 1B Skin corrosion/irritation, Category 1, Sub-Category 1B	
Skin Corr. 1C Skin corrosion/irritation, Category 1, Sub-Category 1C	
Skin Irrit. 2 Skin corrosion/irritation, Category 2	
Skin Sens. 1 Skin sensitisation, Category 1	
Skin Sens. 1B Skin sensitisation, category 1B	
STOT SE 2 Specific target organ toxicity – Single 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.