

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 11.12.2023 Revision date: 11.03.2022 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Trade name : FRANKINCENSE & MYRRH #EU25961F

UFI : 9VV9-Y2QA-6005-QH7T

Product code : EU25961F

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

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

1.2.1. Relevant identified uses

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

Industrial

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

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

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]

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319
Skin sensitisation, Category 1 H317
Hazardous to the aquatic environment – Chronic Hazard, H411

Category 2

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

Adverse physicochemical, human health and environmental effects

May cause cancer. Causes skin irritation. Causes serious eye irritation. 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)





GHS07

GHS09

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Signal word (CLP) : Warning

Contains : Iso E Super; Clove Leaf Oil ; Eugenol; Hexyl salicylate; Linalyl acetate; Linalool; Grapefruit

oil; Cinnamic aldehyde; beta-Caryophyllene; Methyl cinnamate; Eucalyptus oil; Helional;

Patchouli oil; Geraniol; Nerol; Lemon oil; Citral

Hazard statements (CLP) : H315 - Causes skin irritation.

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

H411 - Toxic to aquatic life with long lasting effects.

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

P264 - Wash hands, forearms and face thoroughly after handling.

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

P273 - Avoid release to the environment.

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

protection.

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

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]
Iso E Super	CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989- 04	5,7 – 11,35	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
1-[(2-tert-butyl)cyclohexyloxy]-2-butanol	CAS-No.: 139504-68-0 EC-No.: 412-300-2 EC Index-No.: 603-154-00-2 REACH-no: 01-0000015959-	4,1 – 8,1	Aquatic Chronic 2, H411
Dihydromyrcenol	CAS-No.: 18479-58-8 EC-No.: 242-362-4 REACH-no: 01-2119457274- 37	3 – 6	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Clove Leaf Oil	CAS-No.: 8000-34-8 EC-No.: 616-772-2	1,9 – 3,8	Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB)	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227-	1,8 – 3,55	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802- 33	1,8 – 3,55	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Verdox	CAS-No.: 88-41-5 EC-No.: 201-828-7 REACH-no: 01-2119970713- 33	1,8 – 3,5	Aquatic Chronic 2, H411
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)	CAS-No.: 63500-71-0 EC-No.: 405-040-6 EC Index-No.: 603-101-00-3 REACH-no: 01-000015458-64	0,85 – 3,45	Eye Irrit. 2, H319
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789- 19	1,5 – 2,9	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016- 42	1,3 – 2,5015	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Grapefruit oil	CAS-No.: 8016-20-4 EC-No.: 600-007-4	1 – 2,05	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Cinnamic aldehyde	CAS-No.: 104-55-2 EC-No.: 203-213-9 REACH-no: 01-2119935242- 45	0,9 – 1,75	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317 Aquatic Chronic 3, H412
beta-Caryophyllene	CAS-No.: 87-44-5 EC-No.: 201-746-1 REACH-no: 01-2120745237- 53	0,9 – 1,75	Skin Sens. 1B, H317 Asp. Tox. 1, H304
Cedarwood oil, Texas	CAS-No.: 68990-83-0 EC-No.: 294-461-7	0,6 – 1,15	Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Methyl cinnamate	CAS-No.: 103-26-4 EC-No.: 203-093-8 REACH-no: 01-2119979458- 16	0,4 - 0,7	Skin Sens. 1B, H317
Eucalyptus oil	CAS-No.: 8000-48-4 EC-No.: 283-406-2 REACH-no: 01-2119978250- 37	0,3 – 0,5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Helional	CAS-No.: 1205-17-0 EC-No.: 214-881-6 REACH-no: 01-2120740119- 58	0,2 – 0,4	Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Patchouli oil	CAS-No.: 8014-09-3 EC Index-No.: 616-944-7	0,2 - 0,4	Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Citrus medica limonum (Lemon) peel oil	CAS-No.: 8008-56-8 EC-No.: 284-515-8	0,2 – 0,35	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Chronic 2, H411
Hexyl salicylate	CAS-No.: 6259-76-3 EC-No.: 228-408-6	0,017 – 0,345	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Geraniol	CAS-No.: 106-24-1 EC-No.: 203-377-1 EC Index-No.: 603-241-00-5 REACH-no: 01-2119552430-	0,12 – 0,24	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
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	0,1 – 0,2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Nerol	CAS-No.: 106-25-2 EC-No.: 203-378-7	0,08 – 0,16	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
.alphaPinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 80-56-8 EC-No.: 201-291-9	0,01 – 0,0375	Flam. Liq. 3, H226
.betaPinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 127-91-3 EC-No.: 204-872-5	0,01 – 0,0375	Flam. Liq. 3, H226
(R)-p-mentha-1,8-diene; d-limonene substance with national workplace exposure limit(s) (DE, ES, FI, SI, NO, CH)	CAS-No.: 5989-27-5 EC-No.: 205-341-0 EC Index-No.: 601-096-00-2 REACH-no: 01-2119493353- 35	0,005 – 0,015	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
p-Cymene substance with national workplace exposure limit(s) (DK, EE, LT, LV, SE)	CAS-No.: 99-87-6 EC-No.: 202-796-7 EC Index-No.: 601-094-00-1	0,001 – 0,0075	Flam. Liq. 3, H226 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:dust,mist), H331 Repr. 2, H361 Asp. Tox. 1, H304 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

[:] IF exposed or concerned: Get medical advice/attention. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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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. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. 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 : Eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : 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 : Only qualified personnel equipped with suitable protective equipment may intervene.

Evacuate unnecessary personnel. 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. Notify authorities if product enters sewers or public waters. 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.

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Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or

public waters. 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. Obtain special instructions before use. Do not

handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. 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 : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the

workplace. Do not eat, drink or smoke when using this product. Always wash hands after

handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. 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

itral (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)

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citral (5392-40-5)			
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		
.alphaPinene (80-56-8)			
Belgium - Occupational Exposure Limits			
OEL TWA	20 ppm		
Estonia - Occupational Exposure Limits			
OEL TWA	150 mg/m³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)		
OEL TWA	25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)		
OEL STEL	300 mg/m³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)		
OEL STEL	50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)		
Lithuania - Occupational Exposure Limits			
IPRV (OEL TWA)	150 mg/m³		
IPRV (OEL TWA) [ppm]	25 ppm		
TPRV (OEL STEL)	300 mg/m³		
TPRV (OEL STEL) [ppm]	50 ppm		
Portugal - Occupational Exposure Limits	Portugal - Occupational Exposure Limits		
OEL TWA	20 ppm (Turpentine and selected Monoterpenes)		
OEL chemical category	Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen		
Spain - Occupational Exposure Limits			
VLA-ED (OEL TWA) [1]	113 mg/m³		
VLA-ED (OEL TWA) [2]	20 ppm		
OEL chemical category	Sensitizer		
Sweden - Occupational Exposure Limits			
NGV (OEL TWA)	150 mg/m³		
NGV (OEL TWA) [ppm]	25 ppm		

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.alphaPinene (80-56-8)		
KTV (OEL STEL)	300 mg/m³	
KTV (OEL STEL) [ppm]	50 ppm	
OEL chemical category	Sensitizer	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA) [1]	140 mg/m³	
Grenseverdi (OEL TWA) [2]	25 ppm	
Korttidsverdi (OEL STEL)	175 mg/m³ (value calculated)	
Korttidsverdi (OEL STEL) [ppm]	37,5 ppm (value calculated)	
OEL chemical category	Skin notation	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	20 ppm (Turpentine and selected Monoterpenes)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer	
(R)-p-mentha-1,8-diene; d-limonene (5989-27-	5)	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	140 mg/m³	
HTP (OEL TWA) [2]	25 ppm	
HTP (OEL STEL)	280 mg/m³	
HTP (OEL STEL) [ppm]	50 ppm	
Germany - Occupational Exposure Limits (TRGS 90	00)	
AGW (OEL TWA) [1]	28 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]	5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	
Chemical category	Skin notation, Skin sensitization	
Slovenia - Occupational Exposure Limits		
OEL TWA	28 mg/m³	
OEL TWA	5 ppm	
OEL STEL	112 mg/m³	
OEL STEL	20 ppm	
OEL chemical category	Potential for cutaneous absorption	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1]	168 mg/m³	
VLA-ED (OEL TWA) [2]	30 ppm	
OEL chemical category	Sensitizer, skin - potential for cutaneous absorption	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA) [1]	140 mg/m³	
Grenseverdi (OEL TWA) [2]	25 ppm	
Korttidsverdi (OEL STEL)	175 mg/m³ (value calculated)	
Korttidsverdi (OEL STEL) [ppm]	37,5 ppm (value calculated)	

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(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)		
OEL chemical category	Allergenic substance	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	40 mg/m³	
MAK (OEL TWA) [2]	7 ppm	
KZGW (OEL STEL)	80 mg/m³	
KZGW (OEL STEL) [ppm]	14 ppm	
OEL chemical category	Sensitizer	
.betaPinene (127-91-3)		
Belgium - Occupational Exposure Limits		
OEL TWA	20 ppm	
Estonia - Occupational Exposure Limits		
OEL TWA	150 mg/m³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)	
OEL TWA	25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)	
OEL STEL	300 mg/m³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)	
OEL STEL	50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	150 mg/m³	
IPRV (OEL TWA) [ppm]	25 ppm	
TPRV (OEL STEL)	300 mg/m³	
TPRV (OEL STEL) [ppm]	50 ppm	
Portugal - Occupational Exposure Limits		
OEL TWA	20 ppm (Turpentine and selected Monoterpenes)	
OEL chemical category	Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1]	113 mg/m³	
VLA-ED (OEL TWA) [2]	20 ppm	
OEL chemical category	Sensitizer	
Sweden - Occupational Exposure Limits		
NGV (OEL TWA)	150 mg/m³	
NGV (OEL TWA) [ppm]	25 ppm	
KTV (OEL STEL)	300 mg/m³	
KTV (OEL STEL) [ppm]	50 ppm	
OEL chemical category	Sensitizer	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA) [1]	140 mg/m³	
Grenseverdi (OEL TWA) [2]	25 ppm	

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.betaPinene (127-91-3)		
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Korttidsverdi (OEL STEL)	175 mg/m³ (value calculated)	
Korttidsverdi (OEL STEL) [ppm]	37,5 ppm (value calculated)	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	20 ppm (Turpentine and selected Monoterpenes)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer	
p-Cymene (99-87-6)		
Denmark - Occupational Exposure Limits		
OEL TWA [1]	135 mg/m³ (Methylisopropylbenzenes)	
OEL TWA [2]	25 ppm (Methylisopropylbenzenes)	
OEL STEL	270 mg/m³ (Methylisopropylbenzenes)	
OEL STEL	50 ppm (Methylisopropylbenzenes)	
Estonia - Occupational Exposure Limits		
OEL TWA	140 mg/m³	
OEL TWA	25 ppm	
OEL STEL	190 mg/m³	
OEL STEL	35 ppm	
Latvia - Occupational Exposure Limits		
OEL TWA	10 mg/m³ (Cymene (2, 3, 4-isomers mixture))	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	140 mg/m³	
IPRV (OEL TWA) [ppm]	25 ppm	
TPRV (OEL STEL)	190 mg/m³	
TPRV (OEL STEL) [ppm]	35 ppm	
Sweden - Occupational Exposure Limits		
NGV (OEL TWA)	140 mg/m³	
NGV (OEL TWA) [ppm]	25 ppm	
KTV (OEL STEL)	190 mg/m³	
KTV (OEL STEL) [ppm]	35 ppm	

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.

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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:

Protective gloves. Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

[In case of inadequate ventilation] wear 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:

Particle characteristics

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : light yellow. amber. Conforms to standard.

Odour characteristic. Odour threshold : Not available Melting point : Not applicable Freezing point : Not available : Not available Boiling point Flammability : Not applicable Lower explosion limit : Not available Upper explosion limit : Not available Flash point : 92 °C Auto-ignition temperature : Not available Decomposition temperature : Not available : Not available рΗ Viscosity, kinematic : Not available 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 : ≈ 0,96 Relative vapour density at 20°C : Not available

: Not applicable

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

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

Stable under normal conditions. Not established.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Not established.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. 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) Not classified Acute toxicity (dermal) Not classified Acute toxicity (inhalation) Not classified

1-[(2-tert-butyl)cyclohexyloxy]-2-butanol (139504-68-0)

LD50 dermai rat	> 2000 mg/kg (Source: ECHA_API)

Dihydromyrcenol (18479-58-8)

LD50 oral	3600 mg/kg bodyweight
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)

LD50 oral rat

Clove Leaf Oil (8000-34-8)	
LD50 oral rat	1370 mg/kg (Source: NZ_CCID)
LD50 oral	2650 mg/kg bodyweight
LD50 dermal rabbit	1200 mg/kg (Source: NLM_CIP)
LD50 dermal	2500 mg/kg bodyweight

3600 mg/kg (Source: NLM_CIP)

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)

7-7-7-7	7 () () () () () () () () () (
LD50 oral rat	> 3250 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 3250 mg/kg (Source: CHEMVIEW)

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LD50 oral rat			
D50 oral 2500 mg/kg bodyweight	Eugenol (97-53-0)		
Verdox (88-41-5) LD50 oral rat 4600 mg/kg (Source: NLM_CIP) LD50 oral 4600 mg/kg bodyweight tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Hexyl salicylate (6259-76-3) LD50 oral rat LD50 dermal rabbit > 5000 mg/kg (Source: ECHA_API) LD50 dermal rabbit > 5000 mg/kg (Source: EPA_HPV) LD50 oral rat 14550 mg/kg (Source: EPA_HPV) LD50 dermal rabbit > 5000 mg/kg (Source: EPA_HPV) LD50 oral rat 2790 mg/kg bodyweight Grapefruit oil (8016-20-4) LD50 oral rat LD50 oral rat 2200 mg/kg (Source: NLM_CIP) Cinnamic aldehyde (104-55-2) LD50 oral rat LD50 oral 2200 mg/kg (Source: EPA_HPV) LD50 oral 2200 mg/kg (Source: EPA_HPV) LD50 dermal rabbit 1260 mg/kg (Source: EPA_HPV) LD50 oral rat 2810 mg/kg (Source: EPA_HPV) LD50 oral rat 2810 mg/kg (Source: NLM_CIP) LD50 oral rat 2810 mg/kg (Source: NLM_CIP) LD50 oral rat 2480 mg/kg (Source: ECHA_API) Eucalyptus oil (LD50 oral rat	1930 mg/kg (Source: NZ_CCID)	
LD50 oral rat	LD50 oral	2500 mg/kg bodyweight	
LD50 oral	Verdox (88-41-5)		
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Hexyl salicylate (6259-76-3) LD50 oral rat > 5 g/kg (Source: NLM_CIP) LD50 dermal rabbit > 5000 mg/kg (Source: ECHA_API) Linalyl acetate (115-95-7) LD50 oral rat 14550 mg/kg (Source: EPA_HPV) LD50 dermal rabbit > 5000 mg/kg (Source: EPA_HPV) Linalool (78-70-6) LD50 oral 2790 mg/kg bodyweight Grapefruit oil (8016-20-4) LD50 oral rat > 5 g/kg (Source: NLM_CIP) Cinnamic aldehyde (104-55-2) LD50 oral 2220 mg/kg (Source: NLM_CIP) LD50 oral 2220 mg/kg (Source: EPA_HPV) LD50 dermal 1100 mg/kg bodyweight Methyl cinnamate (103-26-4) LD50 oral 2610 mg/kg (Source: NLM_CIP) LD50 oral 2810 mg/kg (Source: ECHA_API) Eucalyptus oil (8000-48-4) LD50 oral rat 2480 mg/kg (Source: NLM_CIP) Helional (1205-17-0) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Patchoull oil (8014-09-3)	LD50 oral rat	4600 mg/kg (Source: NLM_CIP)	
LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API)	LD50 oral	4600 mg/kg bodyweight	
Hoxyl salicylate (6259-76-3) LD50 oral rat	tetrahydro-2-isobutyl-4-methylpyran-4-ol, mix	ed isomers (cis and trans) (63500-71-0)	
LD50 oral rat	LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)	
LD50 dermal rabbit	Hexyl salicylate (6259-76-3)		
Linalyl acetate (115-95-7) LD50 oral rat	LD50 oral rat	> 5 g/kg (Source: NLM_CIP)	
LD50 oral rat	LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)	
Linalool (78-70-6)	Linalyl acetate (115-95-7)		
Linalool (78-70-6) LD50 oral	LD50 oral rat	14550 mg/kg (Source: EPA_HPV)	
D50 oral 2790 mg/kg bodyweight	LD50 dermal rabbit	> 5000 mg/kg (Source: EPA_HPV)	
Capefruit oil (8016-20-4)	Linalool (78-70-6)		
D50 oral rat > 5 g/kg (Source: NLM_CIP)	LD50 oral	2790 mg/kg bodyweight	
Cinnamic aldehyde (104-55-2) LD50 oral rat 2220 mg/kg (Source: NLM_CIP) LD50 oral 2200 mg/kg bodyweight LD50 dermal rabbit 1260 mg/kg (Source: EPA_HPV) LD50 dermal 1100 mg/kg bodyweight Methyl cinnamate (103-26-4) LD50 oral rat 2610 mg/kg (Source: NLM_CIP) LD50 oral 2610 mg/kg bodyweight LD50 dermal rabbit > 5000 mg/kg (Source: ECHA_API) Eucalyptus oil (8000-48-4) LD50 oral rat 2480 mg/kg (Source: NLM_CIP) Helional (1205-17-0) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Patchouli oil (8014-09-3)	Grapefruit oil (8016-20-4)		
LD50 oral rat 2220 mg/kg (Source: NLM_CIP) LD50 oral 2200 mg/kg bodyweight LD50 dermal rabbit 1260 mg/kg (Source: EPA_HPV) LD50 dermal 1100 mg/kg bodyweight Methyl cinnamate (103-26-4) LD50 oral rat 2610 mg/kg (Source: NLM_CIP) LD50 oral 2610 mg/kg bodyweight LD50 dermal rabbit > 5000 mg/kg (Source: ECHA_API) Eucalyptus oil (8000-48-4) LD50 oral rat 2480 mg/kg (Source: NLM_CIP) Helional (1205-17-0) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Patchouli oil (8014-09-3)	LD50 oral rat	> 5 g/kg (Source: NLM_CIP)	
LD50 oral 2200 mg/kg bodyweight LD50 dermal rabbit 1260 mg/kg (Source: EPA_HPV) LD50 dermal 1100 mg/kg bodyweight Methyl cinnamate (103-26-4) LD50 oral rat 2610 mg/kg (Source: NLM_CIP) LD50 oral 2610 mg/kg bodyweight LD50 dermal rabbit > 5000 mg/kg (Source: ECHA_API) Eucalyptus oil (8000-48-4) LD50 oral rat 2480 mg/kg (Source: NLM_CIP) Helional (1205-17-0) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Patchouli oil (8014-09-3)	Cinnamic aldehyde (104-55-2)		
LD50 dermal rabbit 1260 mg/kg (Source: EPA_HPV)	LD50 oral rat	2220 mg/kg (Source: NLM_CIP)	
LD50 dermal 1100 mg/kg bodyweight	LD50 oral	2200 mg/kg bodyweight	
Methyl cinnamate (103-26-4) LD50 oral rat 2610 mg/kg (Source: NLM_CIP) LD50 oral 2610 mg/kg bodyweight LD50 dermal rabbit > 5000 mg/kg (Source: ECHA_API) Eucalyptus oil (8000-48-4) 2480 mg/kg (Source: NLM_CIP) Helional (1205-17-0) 2480 mg/kg (Source: ECHA_API) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Patchouli oil (8014-09-3)	LD50 dermal rabbit	1260 mg/kg (Source: EPA_HPV)	
LD50 oral rat 2610 mg/kg (Source: NLM_CIP) LD50 oral 2610 mg/kg bodyweight LD50 dermal rabbit > 5000 mg/kg (Source: ECHA_API) Eucalyptus oil (8000-48-4) 2480 mg/kg (Source: NLM_CIP) Helional (1205-17-0) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Patchouli oil (8014-09-3) - 2000 mg/kg (Source: ECHA_API)	LD50 dermal	1100 mg/kg bodyweight	
LD50 oral 2610 mg/kg bodyweight LD50 dermal rabbit > 5000 mg/kg (Source: ECHA_API) Eucalyptus oil (8000-48-4) 2480 mg/kg (Source: NLM_CIP) LD50 oral rat 2480 mg/kg (Source: NLM_CIP) Helional (1205-17-0) > 2000 mg/kg (Source: ECHA_API) Patchouli oil (8014-09-3)	Methyl cinnamate (103-26-4)		
LD50 dermal rabbit > 5000 mg/kg (Source: ECHA_API)	LD50 oral rat	2610 mg/kg (Source: NLM_CIP)	
Eucalyptus oil (8000-48-4) LD50 oral rat 2480 mg/kg (Source: NLM_CIP) Helional (1205-17-0) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Patchouli oil (8014-09-3)	LD50 oral	2610 mg/kg bodyweight	
LD50 oral rat 2480 mg/kg (Source: NLM_CIP) Helional (1205-17-0) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Patchouli oil (8014-09-3)	LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)	
Helional (1205-17-0) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Patchouli oil (8014-09-3)	Eucalyptus oil (8000-48-4)		
LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Patchouli oil (8014-09-3)	LD50 oral rat	2480 mg/kg (Source: NLM_CIP)	
Patchouli oil (8014-09-3)	Helional (1205-17-0)		
	LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)	
LD50 oral rat > 5 g/kg (Source: NLM_CIP)	Patchouli oil (8014-09-3)		
	LD50 oral rat	> 5 g/kg (Source: NLM_CIP)	
Geraniol (106-24-1)	Geraniol (106-24-1)		
LD50 oral rat 3600 mg/kg (Source: NLM_CIP)	LD50 oral rat	3600 mg/kg (Source: NLM_CIP)	
LD50 oral 3600 mg/kg bodyweight	LD50 oral	3600 mg/kg bodyweight	
LD50 dermal rabbit > 5 g/kg (Source: NLM_CIP)	LD50 dermal rabbit	> 5 g/kg (Source: NLM_CIP)	

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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)
Citrus medica limonum (Lemon) peel oil (800)8-56-8)
LD50 oral rat	2840 mg/kg (Source: NLM_CIP)
citral (5392-40-5)	
	4000 mm/km (Courses NI M. CID)
LD50 oral rat	4960 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	2250 mg/kg (Source: NLM_CIP)
.alphaPinene (80-56-8)	
LD50 oral rat	3700 mg/kg (Source: NLM_CIP)
LD50 oral	500 mg/kg bodyweight
LD50 dermal rat	> 5000 mg/kg (Source: CHEMVIEW)
(R)-p-mentha-1,8-diene; d-limonene (5989-27-	5)
LD50 oral rat	4400 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)
.betaPinene (127-91-3)	
LD50 oral rat	> 5000 mg/kg (Source: EPA_HPV)
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
p-Cymene (99-87-6)	
LD50 oral rat	4750 mg/kg (Source: NLM_CIP)
LD50 oral	4750 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
LC50 Inhalation - Rat	> 9,7 mg/l (Exposure time: 5 h Source: EU_CLH)
LC50 Inhalation - Rat (Vapours)	9,7 mg/l/4h
Skin corrosion/irritation :	Causes skin irritation.
Serious eye damage/irritation :	Causes serious eye irritation.
Respiratory or skin sensitisation :	May cause an allergic skin reaction.
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Eugenol (97-53-0)	Ta
IARC group	3 - Not classifiable
(R)-p-mentha-1,8-diene; d-limonene (5989-27-	5)
IARC group	3 - Not classifiable
Reproductive toxicity :	Not classified
STOT-single exposure :	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard :	Not classified
11.2. Information on other hazards	

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

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11.2.2. Other information

Potential adverse human health effects and

symptoms

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

SECTION 12: Ecological information

12.1. Toxicity

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

Hazardous to the aquatic environment, short-term

acute

: Not classified

Hazardous to the aquatic environment, long–term $\,$

(chronic)

: Toxic to aquatic life with long lasting effects.

· · · · ·		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexameth	ylindeno[5,6-c]pyran; galaxolide; (HHCB) (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	
Eugenol (97-53-0)		
LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)	
Linalyl acetate (115-95-7)		
LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA)	
Linalool (78-70-6)		
EC50 96h - Algae [1]	88,3 mg/l (Species: Desmodesmus subspicatus)	
Methyl cinnamate (103-26-4)		
LC50 - Fish [1]	2,76 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA)	
Geraniol (106-24-1)		
LC50 - Fish [1]	22 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA)	
Nerol (106-25-2)		
LC50 - Fish [1]	20,3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)	
citral (5392-40-5)		
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)	
.alphaPinene (80-56-8)		
LC50 - Fish [1]	0,28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)	
EC50 - Crustacea [1]	41 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)		
LC50 - Fish [1]	0,619 – 0,796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)	
LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)	

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Eucalyptus oil (8000-48-4)

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12.2. Persistence and degradability	
FRANKINCENSE & MYRRH #EU25961F	
Persistence and degradability Not established.	
Cedarwood oil, Texas (68990-83-0)	
Persistence and degradability Not established.	
Methyl cinnamate (103-26-4)	
Persistence and degradability	Not established.

Persistence and degradability Not established.

Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
FRANKINCENSE & MYRRH #EU25961F		
Bioaccumulative potential	Not established.	
1-[(2-tert-butyl)cyclohexyloxy]-2-butanol (139	504-68-0)	
BCF - Fish [1]	(173 dimensionless)	
Dihydromyrcenol (18479-58-8)		
Partition coefficient n-octanol/water (Log Pow)	3,25 (at 40 °C (at pH 7)	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylir	ndeno[5,6-c]pyran; galaxolide; (HHCB) (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)	
Eugenol (97-53-0)		
Partition coefficient n-octanol/water (Log Pow)	1,83 (at 30 °C (at pH 5.5)	
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mix	ed isomers (cis and trans) (63500-71-0)	
Partition coefficient n-octanol/water (Log Pow)	1,65 (at 23 °C (at pH >6.09-<6.74)	
Hexyl salicylate (6259-76-3)		
Partition coefficient n-octanol/water (Log Pow)	5,5 (at 30 °C (at pH 7)	
Linalyl acetate (115-95-7)		
Partition coefficient n-octanol/water (Log Pow)	3,9 (at 25 °C)	
Cinnamic aldehyde (104-55-2)		
Partition coefficient n-octanol/water (Log Pow)	2,1065 (at 25 °C)	
beta-Caryophyllene (87-44-5)		
Partition coefficient n-octanol/water (Log Pow)	6,23 (at 25 °C (at pH 7)	
Cedarwood oil, Texas (68990-83-0)		
Bioaccumulative potential	Not established.	
Methyl cinnamate (103-26-4)		
Partition coefficient n-octanol/water (Log Pow)	2,68 (at 25 °C (at pH >4.73-<7.06)	
Bioaccumulative potential	Not established.	

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Eucalyptus oil (8000-48-4)		
Bioaccumulative potential	Not established.	
Helional (1205-17-0)		
Partition coefficient n-octanol/water (Log Pow)	2,4 (at 25 °C)	
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)	
citral (5392-40-5)		
Partition coefficient n-octanol/water (Log Pow)	2,76 (at 25 °C)	
.alphaPinene (80-56-8)		
Partition coefficient n-octanol/water (Log Pow)	4,1	
(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)		
Partition coefficient n-octanol/water (Log Pow)	4,38 (at 37 °C (at pH 7.2)	
p-Cymene (99-87-6)		
Partition coefficient n-octanol/water (Log Pow)	4,8 (at 20 °C (at pH 7)	
Partition coefficient n-octanol/water (Log Kow)	0	

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

Ecology - waste materials

Waste treatment methods
Product/Packaging disposal recommendations

 $: \ \, \text{Dispose of contents/container in accordance with licensed collector's sorting instructions}.$

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

: Avoid release to the environment.

11.03.2022 (Revision date) EN (English) 17/23

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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.
 - $\label{eq:heaviside} \mbox{HP4 "Irritant skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.$
 - HP13 "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.
 - HP14 "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID n	14.1. UN number or ID number			
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shippin	g name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)	Environmentally hazardous substance, liquid, n.o.s. (ISO E SUPER)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER)
Transport document descr	iption			
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (ISO E SUPER), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO E SUPER), 9,
14.3. Transport hazard class(es)				
9	9	9	9	9
	**************************************	**************************************	**************************************	**************************************
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
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	on available			

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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) : 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

: A

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)

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

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

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

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

Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions : TP1, TP29

(RID)

Tank codes for RID tanks (RID) : LGBV

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W12

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

and handling (RID)

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

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(a)	Eucalyptus oil ; Grapefruit oil ; Citrus medica limonum (Lemon) peel 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)	FRANKINCENSE & MYRRH #EU25961F; Cedarwood oil, Texas; Cinnamic aldehyde; citral; Clove Leaf Oil; Dihydromyrcenol; Eucalyptus oil; Eugenol; Geraniol; Grapefruit oil; Helional; Iso E Super; Citrus medica limonum (Lemon) peel oil; Linalool; Linalyl acetate; Hexyl salicylate; tetrahydro-2-isobutyl-4- methylpyran-4-ol, mixed isomers (cis and trans)	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

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EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(c)	FRANKINCENSE & MYRRH #EU25961F; 1- [(2-tert- butyl)cyclohexyloxy]-2- butanol; Cedarwood oil, Texas; Cinnamic aldehyde; Eucalyptus oil; Grapefruit oil; Helional; 1,3,4,6,7,8-hexahydro- 4,6,6,7,8,8- hexamethylindeno[5,6- c]pyran; galaxolide; (HHCB); Iso E Super; Citrus medica limonum (Lemon) peel oil; Verdox ; Hexyl salicylate	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.	Eucalyptus oil ; Grapefruit oil ; Citrus medica limonum (Lemon) peel 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 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

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

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

Netherlands

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

environmen

SZW-lijst van kankerverwekkende stoffen : Cedarwood oil, Texas, Eucalyptus oil, Lemon oil are listed

SZW-lijst van mutagene stoffen : Eucalyptus oil,Lemon oil are listed SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed SZW-lijst van reprotoxische stoffen – : None of the components are listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

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Denmark

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

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

for the storage of flammable liquids must be followed

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

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

the product

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	I-statements:
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

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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. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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