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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 9/19/2023



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

1.1. Product identifier

Product form	:Mixture
Trade name	:BEAUTY SLEEP CC-16309
UFI	:WPCQ-3ART-100W-1TTP
Product code	: CC-16309
Type of product	: Perfumes, fragrances
Product group	: Trade product

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

1.2.1. Relevant identified uses

Main use category	: Professional use, Industrial use
Industrial/Professional use spec	: Industrial
	For professional use only
Use of the substance/mixture	: Perfumes, fragrances
Function or use category	: Odour agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Candle Craft Weiherwiese 10 65510 Idstein - Germany T 49-6126-9363 -0 info@candlecraft.de - www.candlecraft.de

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, Category 2	H411	
Full text of H- and EUH-statements: see section 16		

Adverse physicochemical, human health and environmental effects

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)	lo. 1272/2008 [CLP]	
Hazard pictograms (CLP)		¥2
Signal word (CLP)	GHS07 : Warning	GHS09

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Contains	: Hexyl cinnamic aldehyde; Vertenex; Hexyl salicylate; Linalool; Orange oil ; Linalyl acetate; Orange Oil; Helional; Lavandin abrialis oil; COUMARIN; Vetiver oil; d-Limonene; Patchouli oil; Lime oil distilled ; OCIMUM BASILICUM FLOWER/LEAF/STEM EXTRACT; Thyme oil, white
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/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]
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0 EC-No.: 202-983-3 REACH-no: 01-2119533092- 50	3-6	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Vertenex	CAS-No.: 32210-23-4 EC-No.: 250-954-9 REACH-no: 01-2119976286- 24	3 – 5.9	Skin Sens. 1B, H317
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	CAS-No.: 63500-71-0 EC-No.: 405-040-6 EC Index-No.: 603-101-00-3 REACH-no: 01-000015458-64	1.15 – 4.5	Eye Irrit. 2, H319
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016- 42	1.5485 – 3.12255	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Orange oil	CAS-No.: 8008-57-9 EC-No.: 232-433-8 REACH-no: 01-2119493353- 35	1.1 – 2.2395	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzyl alcohol substance with national workplace exposure limit(s) (BG, CZ, DE, FI, LT, LV, PL, SI, CH)	CAS-No.: 100-51-6 EC-No.: 202-859-9 EC Index-No.: 603-057-00-5 REACH-no: 01-2119492630- 38	1 – 2	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Hexamethylindanopyran	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7 REACH-no: 01-2119488227- 29	0.9 – 1.7	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Ethyl vanillin	CAS-No.: 121-32-4 EC-No.: 204-464-7 REACH-no: 01-211958961-24	0.7 – 1.4	Eye Irrit. 2, H319
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789- 19	0.7 – 1.3688	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Dihydromyrcenol	CAS-No.: 18479-58-8 EC-No.: 242-362-4 REACH-no: 01-2119457274- 37	0.7 – 1.3	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Orange Oil	CAS-No.: 8028-48-6 EC-No.: 232-433-8	0.4 - 0.8	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	0.4 – 0.8	Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411
Hexyl salicylate	CAS-No.: 6259-76-3 EC-No.: 228-408-6	0.023 – 0.45	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Lavandin oil	CAS-No.: 8022-15-9 EC-No.: 617-009-6	0.2 – 0.4	Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Allyl amyl glycolate	CAS-No.: 67634-00-8 EC-No.: 266-803-5	0.2 – 0.35	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation), H330 Aquatic Chronic 1, H410
COUMARIN	CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756- 26	0.2 - 0.3	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Vetiveria zizanoides root oil	CAS-No.: 8016-96-4 EC-No.: 616-993-4 REACH-no: 01-2120119716- 55	0.2 – 0.3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
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	0.1 – 0.264	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Patchouli oil	CAS-No.: 8014-09-3 EC Index-No.: 616-944-7	0.1 – 0.2	Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371- 33	0.0485 – 0.19625	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Geranyl isobutyrate	CAS-No.: 2345-26-8 EC-No.: 219-062-7	0.1 – 0.15	Aquatic Chronic 1, H410 Aquatic Acute 1, H400
Lime oil distilled	CAS-No.: 8008-26-2 EC-No.: 290-010-3 REACH-no: 01-2120138646- 51	0.1 – 0.1285	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 1A, H360FD Asp. Tox. 1, H304 Aquatic Chronic 1, H410
OCIMUM BASILICUM FLOWER/LEAF/STEM EXTRACT	CAS-No.: 84775-71-3 EC-No.: 283-900-8	0.1 – 0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Thyme oil, white	CAS-No.: 8007-46-3 EC-No.: 284-535-7;616-910-1	0.1 – 0.1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Dipentene substance with national workplace exposure limit(s) (EE, LT, SE, NO)	CAS-No.: 138-86-3	0 – 0.0285	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
.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 – 0.0105	Flam. Liq. 3, H226
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 – 0.0038	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Fats and Glyceridic oils, vegetable substance with national workplace exposure limit(s) (BE) Full text of H- and EUH-statements: see section 16	CAS-No.: 68956-68-3 EC-No.: 273-313-5	0.0001 – 0.002	Not classified

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

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: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
: 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.
: 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.
: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.
both acute and delayed
 Not expected to present a significant hazard under anticipated conditions of normal use. Irritation. May cause an allergic skin reaction. 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 Unsuitable extinguishing media	: Sand. Water spray. Dry powder. Foam. Carbon dioxide. : Do not use a heavy water stream.
5.2. Special hazards arising from the subst	ance 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 measure	ires
6.1. Personal precautions, protective equi	pment 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.

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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 co	ntainment and cleaning up
For containment Methods for cleaning up	: Collect spillage. : Take up liguid spill into absorbent material. Soak up spills with inert solids, such as clay or
Other information	 diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. 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 Hygiene measures	 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. 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	: 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 p	protection	
8.1. Control parameters		
8.1.1 National occupational exposure and biological	limit values	
Benzyl alcohol (100-51-6)		
Bulgaria - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Czech Republic - Occupational Exposure Limits		
PEL (OEL TWA)	40 mg/m ³	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	45 mg/m³	
HTP (OEL TWA) [2]	10 ppm	

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Benzyl alcohol (100-51-6)		
Germany - Occupational Exposure Limits (TRGS 90	0)	
AGW (OEL TWA) [1]	22 mg/m ³ (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	
Latvia - Occupational Exposure Limits	·	
OEL TWA	5 mg/m³	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	5 mg/m³	
OEL chemical category	Skin notation	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	240 mg/m³	
Slovenia - Occupational Exposure Limits		
OEL TWA	22 mg/m ³	
OEL TWA [ppm]	5 ppm	
OEL STEL	44 mg/m ³	
OEL STEL [ppm]	10 ppm	
OEL chemical category	Potential for cutaneous absorption	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	22 mg/m ³ (aerosol, vapour)	
MAK (OEL TWA) [2]	5 ppm (aerosol, vapour)	
OEL chemical category	Skin notation	
d-Limonene (5989-27-5)	·	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	140 mg/m ³	
HTP (OEL TWA) [2]	25 ppm	
HTP (OEL STEL)	280 mg/m³	
HTP (OEL STEL) [ppm]	50 ppm	
Germany - Occupational Exposure Limits (TRGS 90	0)	
AGW (OEL TWA) [1]	28 mg/m ³ (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 [ppm]	5 ppm	
OEL STEL	112 mg/m³	
OEL STEL [ppm]	20 ppm	

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d-Limonene (5989-27-5)		
OEL chemical category	Potential for cutaneous absorption	
Spain - Occupational Exposure Limits	•	
VLA-ED (OEL TWA) [1]	168 mg/m ³	
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/m ³ (value calculated)	
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)	
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	
Fats and Glyceridic oils, vegetable (68956-68-	3)	
Belgium - Occupational Exposure Limits		
OEL TWA	10 mg/m³ (mist)	
Dipentene (138-86-3)	·	
Estonia - Occupational Exposure Limits		
OEL TWA	150 mg/m ³ (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 [ppm]	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/m ³ (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 [ppm]	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/m ³	
IPRV (OEL TWA) [ppm]	25 ppm	
TPRV (OEL STEL)	300 mg/m ³	
TPRV (OEL STEL) [ppm]	50 ppm	
OEL chemical category	Sensitizer coniferous resin sensitizes the skin	
Sweden - Occupational Exposure Limits		
NGV (OEL TWA)	150 mg/m³	
NGV (OEL TWA) NGV (OEL TWA) [ppm]	150 mg/m ³ 25 ppm	

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Dipentene (138-86-3)	
KTV (OEL STEL) [ppm]	50 ppm
OEL chemical category	Sensitizer
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA) [1]	140 mg/m ³
Grenseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	175 mg/m ³ (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
OEL chemical category	Allergenic substance
.alphaPinene (80-56-8)	
Belgium - Occupational Exposure Limits	
OEL TWA [ppm]	20 ppm
Estonia - Occupational Exposure Limits	
OEL TWA	150 mg/m ³ (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 [ppm]	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/m ³ (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 [ppm]	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/m ³
TPRV (OEL STEL) [ppm]	50 ppm
Portugal - Occupational Exposure Limits	
OEL TWA [ppm]	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/m ³
VLA-ED (OEL TWA) [2]	20 ppm
OEL chemical category	Sensitizer
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	150 mg/m ³
NGV (OEL TWA) [ppm]	25 ppm
KTV (OEL STEL)	300 mg/m ³
KTV (OEL STEL) [ppm]	50 ppm
OEL chemical category	Sensitizer
Norway - Occupational Exposure Limits	·
Grenseverdi (OEL TWA) [1]	140 mg/m ³

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.alphaPinene (80-56-8)		
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	
Citral (5392-40-5)		
Belgium - Occupational Exposure Limits		
OEL TWA	32 mg/m ³ (vapor and aerosol)	
OEL TWA [ppm]	5 ppm (vapor and aerosol)	
OEL chemical category	Skin	
Ireland - Occupational Exposure Limits		
OEL TWA [2]	5 ppm	
OEL STEL [ppm]	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 [ppm]	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	

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

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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
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not applicable
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 87 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
рН	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available

to standard.

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

Vapour pressure	: Not available
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

10.1. Reactivity

Not established.

Not established.

10.2. Chemical stability

10.4. Conditions to avoid

10.5. Incompatible materials

SECTION 10: Stability and reactivity

10.3. Possibility of hazardous reactions

Direct sunlight. Extremely high or low temperatures.

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	I in Regulation (EC) No 1272/2008	
Acute toxicity (dermal) :	Not classified Not classified Not classified	
Hexyl cinnamic aldehyde (101-86-0)		
LD50 oral rat	3100 mg/kg (Source: NLM_CIP)	
LD50 oral	3100 mg/kg bodyweight	
LD50 dermal rabbit	> 3000 mg/kg (Source: EPA_HPV)	
LC50 Inhalation - Rat	> 5 mg/l/4h	
Vertenex (32210-23-4)		
LD50 oral rat	5 g/kg (Source: NLM_CIP)	
LD50 oral	3370 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)	

Safety Data Sheet

LD50 demai nabbit > 2000 mg/kg (Source: ECHA API) Haxyl salicylate (6259-76-3) LD50 demai nat > 5 g/kg (Source: KLM, CIP) LD50 demai nabbit > 5000 mg/kg (Source: ECHA API) LD50 demai nabbit > 5000 mg/kg (Source: CHA API) LD50 demai nabbit > 7000 mg/kg (Source: CHE AVIEW) Orange oil (8008-57-9) LD50 demai nabbit LD50 demai nabbit > 5000 mg/kg (Source: NLC_CDD) LD50 demai nabbit > 5000 mg/kg (Source: CHE MVIEW) Benzyl alcohol (100-51-6) LD50 demai nabbit LD50 demai nabbit > 2000 mg/kg (Source: CHE MVIEW) LD50 demai nabbit 2 200 mg/kg (Source: CHE MVIEW) LD50 demai nabbit > 3250 mg/kg (Source: CHE MVIEW) LD50 demai nabbit > 3250 mg/kg (Source: CHE MVIEW) LD50 demai nabbit > 3250 mg/kg (Source: NLM_CIP) LD50 demai nabbit > 3250 mg/kg (Source: NLM_CIP) LD50 demai nabbit > 3000 mg/kg (Source: NLM_CIP) LD50 demai nabbit > 2000 mg/kg (Source: EFA_HPV) LD50 demai nabbit > 5000 mg/kg (Source: EFA_HPV) LD50 demai nabbit > 5000 mg/kg (Source: EFA_HPV) LD50 demai nabbit > 5000 mg/kg (Source: EFA_HPV) <t< th=""><th colspan="3">2-IsobutyI-4-methyItetrahydro-2H-pyran-4-ol (63500-71-0)</th></t<>	2-IsobutyI-4-methyItetrahydro-2H-pyran-4-ol (63500-71-0)		
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LD50 dermal rabbit> 5000 mg/kg (Source: ECHA_API)Helional (1205-17-0)LD50 dermal rabbit> 2000 mg/kg (Source: ECHA_API)Lavandin oil (8022-15-9)LD50 oral rat> 5 g/kg (Source: NLM_CIP)Allyl amyl glycolate (67634-00-8)LD50 oral500 mg/kg bodyweightLD50 dermal rat> 2000 mg/kg (Source: ECHA_API)	LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)	
Helional (1205-17-0) LD50 dermal rabbit > 2000 mg/kg (Source: ECHA_API) Lavandin oil (8022-15-9) LD50 oral rat > 5 g/kg (Source: NLM_CIP) Allyl amyl glycolate (67634-00-8) LD50 oral 500 mg/kg bodyweight LD50 dermal rat > 2000 mg/kg (Source: ECHA_API)	Orange Oil (8028-48-6)		
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Allyl amyl glycolate (67634-00-8) LD50 oral 500 mg/kg bodyweight LD50 dermal rat > 2000 mg/kg (Source: ECHA_API)	Lavandin oil (8022-15-9)		
LD50 oral 500 mg/kg bodyweight LD50 dermal rat > 2000 mg/kg (Source: ECHA_API)	LD50 oral rat	> 5 g/kg (Source: NLM_CIP)	
LD50 dermal rat > 2000 mg/kg (Source: ECHA_API)	Allyl amyl glycolate (67634-00-8)		
	LD50 oral	500 mg/kg bodyweight	
LC50 Inhalation - Rat 0.43 mg/l/4h	LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	
	LC50 Inhalation - Rat	0.43 mg/l/4h	

Safety Data Sheet

LC50 Inhilation - Rat (Dust/Mist)0.5 mg/WhCOUMARIN (01-64-5)290 mg/kg (Source: JAPAN, GHS)LD50 oral rat293 mg/kg (Source: ECHA_API)LD50 daml rat293 mg/kg (Source: ECHA_API)Vetiveria zizanoides root oll (8016-86-4)393 mg/kg (Source: CHEM/EV)LD50 oral rat> 5 g/kg (Source: CHEM/EV)LD50 oral rat> 5 g/kg (Source: CHEM/EV)LD50 oral rat400 mg/kg (Source: CHEM/EV)LD50 oral rat5 g/kg (Source: CHEM/EV)LD50 oral rat5 g/kg (Source: CHEM/EV)LD50 oral rat600 mg/kg (Source: CHEM/EV)LD50 oral rat5 g/kg (Source: NLM_CIP)LD50 oral rat5 g/kg (Source: NLM_CIP)LD50 oral rat5 g/kg (Source: NLM_CIP)LD50 oral rat> 5 g/kg (Source: NLM_CIP)D50 oral rat> 5 g/kg (Source: NLM_CIP)LD50 oral rat5 g/kg (Source: NLM_CIP)LD50 oral rat5 g/kg (Source: NLM_CIP)LD50 oral rat5 g/kg (Source: NLM_CIP)LD50 oral ratSol0 mg/kgLD50 oral ratSol0 mg/kg (Source: NLM_CIP)LD50 oral rat	Allyl amyl glycolate (67634-00-8)		
LD50 oral rat> 5000 mg/kg (Source: JAPAN_GHS)LD50 oral280 mg/kg (Source: ECHA_API)LD50 oral rat283 mg/kg (Source: ECHA_API)Vertivera ztanoides root oil (8016-96-4)> 5 g/kg (Source: NLM_CIPI)LD50 oral rat> 5 g/kg (Source: CHEMVIEW)LD50 oral rat4400 mg/kg (Source: CHEMVIEW)LD50 oral rat4400 mg/kg (Source: CHEMVIEW)LD50 oral rat400 mg/kg (Source: CHEMVIEW)LD50 oral rat5 00 mg/kg (Source: NLM_CIP)LD50 oral rat500 mg/kg (Source: NLM_CIP)LD50 oral rat5 00 mg/kg (Source: NLM_CIP)LD50 oral rat> 5 g/kg (Source: NLM_CIP)LD50 oral rat> 100 mg/kg Gource: NLM_CIP)LD50 oral rat240 mg/kg (Source: NLM_CIP)LD50 oral rat3 vol mg/kg (Source: NLM_CIP)LD50 oral rat3 vol mg/kg (Source: NLM_CIP)LD50 oral rat3 vol mg/kg (Source: NLM_CIP)LD50 oral rat5 000 mg/kg (Source: NLM_CIP)LD50 oral rat5 000 mg/kg (Source: NLM_CIP	LC50 Inhalation - Rat (Dust/Mist)	0.5 mg/l/4h	
L050 oral200 mg/kg bodyweightL050 oran rat283 mg/kg (Source: ECHA_API)Vetveria zizanoides root oii (8016-96-4)> 5 g/kg (Source: ECHA_API)L050 oral rat> 5 g/kg (Source: CHEMVIEW)d-Limonene (5989-27-5)> 5 g/kg (Source: CHEMVIEW)L050 oral rat4400 mg/kg (Source: CHEMVIEW)L050 oral rat6 90 mg/kg (Source: CHEMVIEW)Enszyl banzoate (120-51-4)> 5 g/kg (Source: NLM_CIP)L050 oral rat6 90 mg/kg (Source: NLM_CIP)L050 oral rat6 90 mg/kg (Source: NLM_CIP)L050 oral rat> 5 g/kg (Source: NLM_CIP)D050 oral rat> 5 g/kg (Source: NLM_CIP)Coranyl isobutyrate (2345-26-8)>L050 oral rat> 5 g/kg (Source: NLM_CIP)Coranyl isobutyrate (2345-26-8)>L050 oral rat> 5 g/kg (Source: NLM_CIP)L050 oral rat\$ 500 mg/kgCoranyl isobutyrate (2345-26-8)>L050 oral rat\$ 500 mg/kgL050 oral rat\$ 500 mg/kgCorany isobutyrate (2345-26-8)>L050 oral rat\$ 500 mg/kg (Source: NLM_CIP)L050 oral rat\$ 500 mg/kg (Source: NLM_CIP)L050 oral rat\$ 500 mg/kg (Source: NLM_CIP)L050 oral rat\$ 200 mg/kg (Source: NLM_CIP)L050 oral rat\$ 000 mg/kg (Source: NLM_CIP) </td <td>COUMARIN (91-64-5)</td> <td></td>	COUMARIN (91-64-5)		
Lb50 dermi rat293 mg/kg (Source: ECHA_API)Vetiveria zizanoides root oil (8016-96-4)> 5 g/kg (Source: NLM_CIP)Lb50 oral rat> 5 g/kg (Source: CHEMVIEW)Lb50 oral rat4400 mg/kg (Source: CHEMVIEW)Benzyl benzoate (120-51-4)500 mg/kg (Source: NLM_CIP)Benzyl benzoate (120-51-4)500 mg/kg (Source: NLM_CIP)Lb50 oral rat500 mg/kg (Source: NLM_CIP)Lb50 oral rat160 mg/kg (Source: NLM_CIP)Db50 oral rat50 mg/kg (Source: NLM_CIP)Db50 oral rat> 5 g/kg (Source: NLM_CIP)Db50 oral rat560 mg/kgLb50 oral rat560 mg/kgDb50 oral rat560 mg/kgLb50 oral rat560 mg/kgLb50 oral rat500 mg/kgDb50 oral rat560 mg/kgLb50 oral rat270 mg/kg bodyweightDb50 oral rat2840 mg/kg (Source: NLM_CIP)Lb50 oral rat2840 mg/kg (Source: NLM_CIP)Lb50 oral rat2840 mg/kg (Source: NLM_CIP)Lb50 oral rat300 mg/kg (Source: NLM_CIP)Lb50 oral rat500 mg/kg (Source: NLM_CIP)Lb50 oral rat300 mg/kg (Source: NLM_CIP)Lb50 oral rat	LD50 oral rat	> 5000 mg/kg (Source: JAPAN_GHS)	
University 2220000000000000000000000000000000000	LD50 oral	290 mg/kg bodyweight	
LOSO oral rat> 5 g/kg (Source: NLM_CIP)d-Linonene (5989-27-5)4400 mg/kg (Source: CHEMVIEW)LDSO oral rat4400 mg/kg (Source: CHEMVIEW)Benzyl benzoate (120-51-4)> 5 g/kg (Source: NLM_CIP)LDSO oral rat500 mg/kg (Source: NLM_CIP)LDSO oral rat600 mg/kg (Source: NLM_CIP)LDSO oral rat000 mg/kg (Source: NLM_CIP)LDSO oral rat5 g /kg (Source: NLM_CIP)DSO oral rat> 5 g/kg (Source: NLM_CIP)Ceranyl Isobutyrate (2345-26-8)Conce: NLM_CIP)LDSO oral rat> 5 g/kg (Source: NLM_CIP)LDSO oral rat> 5 g/kg (Source: NLM_CIP)LDSO oral rat> 5 g/kg (Source: NLM_CIP)LDSO oral ratSo00 mg/kgLDSO oral rat> 5 g/kg (Source: NLM_CIP)LDSO oral ratSo00 mg/kgLDSO oral ratSo00 mg/kgLDSO oral ratSo00 mg/kgLDSO oral ratSo00 mg/kg (Source: NLM_CIP)LDSO oral ratSo000 mg/kg (Source: NLM_CIP)LDSO oral ratSo00 mg/kg (Source: NLM_CIP) <td>LD50 dermal rat</td> <td>293 mg/kg (Source: ECHA_API)</td>	LD50 dermal rat	293 mg/kg (Source: ECHA_API)	
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Geranyl isobutyrate (2345-26-8)LD50 oral rat> 5 g/kg (Source: NLM_CIP)Lime oil distilled (8008-26-2)LD50 oral rat6600 mg/kgLD50 dermal rabbit> 5000 mg/kgOCIMUM BASILICUM FLOWER/LEAF/STEM EXTRACT (84775-71-3)LD50 oral2790 mg/kg bodyweightThyme oil, white (8007-46-3)LD50 oral rat2840 mg/kg (Source: NLM_CIP)LD50 oral rat2840 mg/kg (Source: NLM_CIP)LD50 oral rat5000 mg/kg (Source: CHEMVIEW)LD50 oral rat600 mg/kg (Source: CHEMVIEW)CItral (5392-40-5)2000 mg/kg (Source: NLM_CIP)LD50 oral rat4960 mg/kg (Source: NLM_CIP)	Patchouli oil (8014-09-3)		
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LD50 dermal rabbit> 5000 mg/kgOCIMUM BASILICUM FLOWER/LEAF/STEM ETRACT (84775-71-3)LD50 oral2790 mg/kg bodyweightThyme oil, white (8007-46-3)LD50 oral rat2840 mg/kg (Source: NLM_CIP)LD50 oral rat1800 mg/kg bodyweightDipentene (138-86-3)LD50 oral rat5300 mg/kg (Source: NLM_CIP)LD50 oral rat5300 mg/kg (Source: NLM_CIP)LD50 oral rat5000 mg/kg (Source: NLM_CIP)LD50 oral rat900 mg/kg (Source: NLM_CIP)LD50 oral rat5000 mg/kg (Source: NLM_CIP)LD50 oral rat900 mg/kg (Source: CHEM/IEW)Citral (5392-40-5)LD50 oral rat900 mg/kg (Source: NLM_CIP)	Lime oil distilled (8008-26-2)		
OCIMUM BASILICUM FLOWER/LEAF/STEM EXTRACT (84775-71-3)LD50 oral2790 mg/kg bodyweightThyme oil, white (8007-46-3)LD50 oral rat2840 mg/kg (Source: NLM_CIP)LD50 oral rat1800 mg/kg bodyweightDipentene (138-86-3)LD50 oral rat5300 mg/kg (Source: NLM_CIP).alphaPinene (80-56-8)LD50 oral rat3700 mg/kg (Source: NLM_CIP)LD50 oral rat5000 mg/kg (Source: NLM_CIP)LD50 oral rat5000 mg/kg (Source: NLM_CIP)LD50 oral rat5000 mg/kg (Source: CHEMVIEW)Citral (5392-40-5)4960 mg/kg (Source: NLM_CIP)	LD50 oral rat	5600 mg/kg	
LD50 oral 2790 mg/kg bodyweight Thyme oil, white (8007-46-3) 2840 mg/kg (Source: NLM_CIP) LD50 oral rat 2840 mg/kg bodyweight D50 oral rat 1800 mg/kg bodyweight Dipentene (138-86-3) 5300 mg/kg (Source: NLM_CIP) LD50 oral rat 5300 mg/kg (Source: NLM_CIP) .alphaPinene (80-56-8) 3700 mg/kg (Source: NLM_CIP) LD50 oral rat 5000 mg/kg (Source: NLM_CIP) LD50 oral rat 5000 mg/kg (Source: NLM_CIP) LD50 oral rat 5000 mg/kg (Source: NLM_CIP) LD50 oral rat 900 mg/kg (Source: NLM_CIP) LD50 oral rat 900 mg/kg (Source: NLM_CIP)	LD50 dermal rabbit	> 5000 mg/kg	
Image: Thyme oil, white (8007-46-3) LD50 oral rat 2840 mg/kg (Source: NLM_CIP) LD50 oral 1800 mg/kg bodyweight Dipentene (138-86-3) 5300 mg/kg (Source: NLM_CIP) LD50 oral rat 5300 mg/kg (Source: NLM_CIP) .alphaPinene (80-56-8) 100 mg/kg (Source: NLM_CIP) LD50 oral rat 3700 mg/kg (Source: NLM_CIP) LD50 oral rat 5000 mg/kg (Source: NLM_CIP) LD50 oral rat 5000 mg/kg (Source: CHEMVIEW) LD50 oral rat 900 mg/kg (Source: CHEMVIEW)	OCIMUM BASILICUM FLOWER/LEAF/STEM E	XTRACT (84775-71-3)	
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LD50 oral 1800 mg/kg bodyweight Dipentene (138-86-3) LD50 oral rat 5300 mg/kg (Source: NLM_CIP) alphaPinene (80-56-8) LD50 oral rat 3700 mg/kg (Source: NLM_CIP) LD50 oral rat 500 mg/kg (Source: NLM_CIP) LD50 oral rat 500 mg/kg (Source: NLM_CIP) LD50 oral rat 5000 mg/kg (Source: CHEMVIEW) Citral (5392-40-5) 2960 mg/kg (Source: NLM_CIP)	Thyme oil, white (8007-46-3)		
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LD50 oral rat 5300 mg/kg (Source: NLM_CIP) .alphaPinene (80-56-8) 3700 mg/kg (Source: NLM_CIP) LD50 oral rat 3700 mg/kg (Source: NLM_CIP) LD50 oral rat 5000 mg/kg (Source: CHEMVIEW) LD50 dermal rat > 5000 mg/kg (Source: CHEMVIEW) Citral (5392-40-5) 4960 mg/kg (Source: NLM_CIP)	LD50 oral	1800 mg/kg bodyweight	
.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) Citral (5392-40-5) LD50 oral rat 4960 mg/kg (Source: NLM_CIP)	Dipentene (138-86-3)		
LD50 oral rat 3700 mg/kg (Source: NLM_CIP) LD50 oral 500 mg/kg bodyweight LD50 dermal rat > 5000 mg/kg (Source: CHEMVIEW) Citral (5392-40-5) LD50 oral rat 4960 mg/kg (Source: NLM_CIP)	LD50 oral rat	5300 mg/kg (Source: NLM_CIP)	
LD50 oral 500 mg/kg bodyweight LD50 dermal rat > 5000 mg/kg (Source: CHEMVIEW) Citral (5392-40-5) LD50 oral rat 4960 mg/kg (Source: NLM_CIP)	.alphaPinene (80-56-8)		
LD50 dermal rat > 5000 mg/kg (Source: CHEMVIEW) Citral (5392-40-5) LD50 oral rat 4960 mg/kg (Source: NLM_CIP)	LD50 oral rat	3700 mg/kg (Source: NLM_CIP)	
Citral (5392-40-5) 4960 mg/kg (Source: NLM_CIP)	LD50 oral	500 mg/kg bodyweight	
LD50 oral rat 4960 mg/kg (Source: NLM_CIP)	LD50 dermal rat	> 5000 mg/kg (Source: CHEMVIEW)	
	Citral (5392-40-5)		
LD50 dermal rabbit 2250 mg/kg (Source: NLM_CIP)	LD50 oral rat	4960 mg/kg (Source: NLM_CIP)	
	LD50 dermal rabbit	2250 mg/kg (Source: NLM_CIP)	
Skin corrosion/irritation : Causes skin irritation.			

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Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
COUMARIN (91-64-5)		
IARC group	3 - Not classifiable	
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	
Orange oil (8008-57-9)		
Hydrocarbon	Yes	
Benzyl benzoate (120-51-4)		
Viscosity, kinematic	7.456 mm²/s	
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	Based on available data, the classification criteria are r	not met
symptoms		

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.			
Vertenex (32210-23-4)			
LC50 - Fish [1] 8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static] Source: ECHA)			
Linalool (78-70-6)			
EC50 96h - Algae [1] 88.3 mg/l (Species: Desmodesmus subspicatus)			
Benzyl alcohol (100-51-6)			
LC50 - Fish [1]	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)		
LC50 - Fish [2]	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)		
EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: water flea)		
Hexamethylindanopyran (1222-05-5)			
LC50 - Fish [1]	0.452 mg/l Wolf, 1996d-27682		
LC50 - Other aquatic organisms [1]	> 0.14 mg/l REACH DOSSIER Pimephales promelas		
EC50 - Crustacea [2]	260 μg/l REACH Dossier		
EC50 - Other aquatic organisms [1]	0.131 mg/l REACH Dossier		

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Ethyl vanillin (121-32-4)					
LC50 - Fish [1]	81.4 – 94.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)				
Linalyl acetate (115-95-7)	Linalyl acetate (115-95-7)				
LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA)				
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)				
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				
.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)				
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)				
12.2. Persistence and degradability					
BEAUTY SLEEP CC-16309					
Persistence and degradability	Not established.				
Benzyl benzoate (120-51-4)					
Persistence and degradability	May cause long-term adverse effects in the environment.				
12.3. Bioaccumulative potential					
BEAUTY SLEEP CC-16309					
Bioaccumulative potential	Not established.				
Vertenex (32210-23-4)	1				
Partition coefficient n-octanol/water (Log Pow)	4.8 (at 25 °C)				
2-IsobutyI-4-methyltetrahydro-2H-pyran-4-ol (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)				
Benzyl alcohol (100-51-6)					
Partition coefficient n-octanol/water (Log Pow)	1.05				
Hexamethylindanopyran (1222-05-5)					
BCF - Fish [1]	(1618 dimensionless (whole body w.w.)				

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Hexamethylindanopyran (1222-05-5)			
Partition coefficient n-octanol/water (Log Pow)	5.3 (at 25 °C (at pH 7)		
Ethyl vanillin (121-32-4)			
Partition coefficient n-octanol/water (Log Pow)	1.61 (at 25 °C)		
Linalyl acetate (115-95-7)			
Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)		
Dihydromyrcenol (18479-58-8)			
Partition coefficient n-octanol/water (Log Pow)	3.25 (at 40 °C (at pH 7)		
Helional (1205-17-0)			
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C)		
Allyl amyl glycolate (67634-00-8)			
Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 2.3)		
d-Limonene (5989-27-5)			
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)		
Benzyl benzoate (120-51-4)			
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)		
Bioaccumulative potential	Not established.		
OCIMUM BASILICUM FLOWER/LEAF/STEM E	XTRACT (84775-71-3)		
Partition coefficient n-octanol/water (Log Pow)	5.6 (at 25 °C)		
.alphaPinene (80-56-8)			
Partition coefficient n-octanol/water (Log Pow)	4.1		
Citral (5392-40-5)			
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)		
12.4. Mobility in soil			
No additional information available			
12.5. Results of PBT and vPvB assessment			
No additional information available			
12.6. Endocrine disrupting properties			
No additional information available			
12.7 Other adverse effects	10.7. Other educate effects		

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 Ecology - waste materials	 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.

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HP Code

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: HP3 - "Flammable:"
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- 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 \leq 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 $^\circ C$ 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.

HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID ADR IMDG ΙΑΤΑ ADN RID 14.1. UN number or ID number UN 3082 UN 3082 UN 3082 UN 3082 UN 3082 14.2. UN proper shipping name ENVIRONMENTALLY ENVIRONMENTALLY ENVIRONMENTALLY ENVIRONMENTALLY Environmentally hazardous HAZARDOUS HAZARDOUS substance, liquid, n.o.s. HAZARDOUS HAZARDOUS SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, (Hexamethylindanopyran) N.O.S. N.O.S. N.O.S. N.O.S. (Hexamethylindanopyran) (Hexamethylindanopyran) (Hexamethylindanopyran) (Hexamethylindanopyran) Transport document description UN 3082 UN 3082 UN 3082 UN 3082 UN 3082 Environmentally ENVIRONMENTALLY ENVIRONMENTALLY ENVIRONMENTALLY ENVIRONMENTALLY hazardous substance, HAZARDOUS HAZARDOUS HAZARDOUS HAZARDOUS liquid, n.o.s. SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, (Hexamethylindanopyran), SUBSTANCE, LIQUID, SUBSTANCE, LIQUID, N.O.S. N.O.S. 9, III N.O.S. N.O.S. (Hexamethylindanopyran), (Hexamethylindanopyran), (Hexamethylindanopyran), (Hexamethylindanopyran), 9, III, (-) 9, III, MARINE 9, III 9, III POLLUTANT 14.3. Transport hazard class(es) 9 9 9 9 9 14.4. Packing group Ш ш ш ш ш 14.5. Environmental hazards Dangerous for the environment: Yes environment: Yes environment: Yes environment: Yes environment: Yes Marine pollutant: Yes No supplementary information available

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14.6. Special precautions for user

Overland transport

Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container instructions (ADR) Portable tank and bulk container special provisions (ADR) Tank code (ADR) Vehicle for tank carriage Transport category (ADR) Special provisions for carriage - Packages (ADR) Special provisions for carriage - Loading, unloading	: TP1, TP29 : LGBV : AT : 3 : V12
and handling (ADR) Hazard identification number (Kemler No.) Orange plates	90 90 3082
Tunnel restriction code (ADR) EAC code	: - : •3Z
EAC tode	. •32
Transport by sea Special provisions (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) Special packing provisions (IMDG) IBC packing instructions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantities (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA)	: 274, 335, 969 : 5 L : E1 : LP01, P001 : PP1 : IBC03 : T4 : TP1, TP29 : F-A : S-F : A : S-F : A : S-F : A : 30kgG : 964 : 450L : 964 : 450L : A97, A158, A197, A215 : 9L
Inland waterway transport Classification code (ADN) Special provisions (ADN) Limited quantities (ADN) Excepted quantities (ADN) Carriage permitted (ADN) Equipment required (ADN) Number of blue cones/lights (ADN)	: M6 : 274, 335, 375, 601 : 5 L : E1 : T : PP : 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)	Orange oil ; Orange Oil ; d-Limonene ; Lime oil distilled ; Thyme oil, white ; Dipentene ; .alpha Pinene	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)	BEAUTY SLEEP CC-16309 ; Hexyl cinnamic aldehyde ; Vertenex ; 2-Isobutyl-4- methyltetrahydro-2H- pyran-4-ol ; Hexyl salicylate ; Linalool ; Orange oil ; Benzyl alcohol ; Linalyl acetate ; Dihydromyrcenol ; Orange Oil ; Helional ; Lavandin oil ; Allyl amyl glycolate ; Vetiveria zizanoides root oil ; d-Limonene ; Benzyl benzoate ; Patchouli oil ; Lime oil distilled ; OCIMUM BASILICUM FLOWER/LEAF/STEM EXTRACT ; Thyme oil, white ; Dipentene ; Citral	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)	BEAUTY SLEEP CC-16309 ; Hexyl cinnamic aldehyde ; Hexyl salicylate ; Orange oil ; Hexamethylindanopyran ; Orange Oil ; Helional ; Lavandin oil ; Allyl amyl glycolate ; Vetiveria zizanoides root oil ; d- Limonene ; Benzyl benzoate ; Patchouli oil ; Geranyl isobutyrate ; Lime oil distilled ; OCIMUM BASILICUM FLOWER/LEAF/STEM EXTRACT ; Thyme oil, white ; Dipentene	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.	Orange oil ; Orange Oil ; d-Limonene ; Lime oil distilled ; Thyme oil, white ; Dipentene ; .alpha Pinene	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).

 Storage class (LGK, TRGS 510)
 : LGK 10 - Combustible liquids.

 Joint storage table
 : LGK 1
 LGK 2A
 LGK 2B
 LGK 3
 LGK 4.1A

L	GK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
L	GK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
L	GK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
LO	GK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
L	GK 10	LGK 11	LGK 12	LGK 13	LGK 10-13

Joint storage not permitted for Joint storage with restrictions permitted for : LGK 1, LGK 2A, LGK 5.1A, LGK 6.2, LGK 7.

: LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2.

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Joint storage permitted for	: LGK 2B, LGK 3, LGK 4.1B, 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(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment
SZW-lijst van kankerverwekkende stoffen	: Orange oil ,Orange Oil,Allyl amyl glycolate,Fats and Glyceridic oils, vegetable,OCIMUM BASILICUM FLOWER/LEAF/STEM EXTRACT,Thyme oil, white are listed
SZW-lijst van mutagene stoffen	: Orange oil ,Orange Oil,Allyl amyl glycolate,Fats and Glyceridic oils, vegetable,OCIMUM BASILICUM FLOWER/LEAF/STEM EXTRACT,Thyme oil, white are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed
Denmark	
Class for fire hazard	: Class III-1
Store unit	: 50 liter
Classification remarks	: Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product
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. 2 (Inhalation)	cute toxicity (inhal.), Category 2		
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3		
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3		
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), 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.		
H301	Toxic if swallowed.		

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Full text of H- and EUH-statements:	
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
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.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H360FD	May damage fertility. May damage the unborn child.
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.
H412	Harmful to aquatic life with long lasting effects.
Repr. 1A	Reproductive toxicity, Category 1A
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

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