Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878



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

1.1. Product identifier

Product form Product name Product code Type of product

: Mixture : HEMP H20 CC-16384 10% in DPG : CC-16384 10% : Perfumes, fragrances

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

1.2.1. Relevant identified uses

Industrial/Professional

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

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazardous to the aquatic environment - Chronic Hazard, H412 Category 3

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

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Signal word (CLP)	: •
Hazard statements (CLP)	: H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P273 - Avoid release to the environment.
	P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH208 - Contains Cyclamal, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2- naphthalenyl)ethanone, (R)-p-mentha-1,8-diene; d-limonene, Hexyl salicylate, Linalool. May produce an allergic reaction.
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 substance(s) are 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 %

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371- 33	3.85 – 7.709	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016- 42	0.22 – 0.43	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2- naphthalenyl)ethanone	CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989- 04	0.1 – 0.2	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Cyclamal	CAS-No.: 103-95-7 EC-No.: 203-161-7 REACH-no: 01-2119970582- 32	0.06 – 0.125	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
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- 29	0.06 – 0.125	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Hexyl salicylate	CAS-No.: 6259-76-3 EC-No.: 228-408-6	0.06 – 0.11903	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
(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	0.05 – 0.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Benzyl acetate substance with national workplace exposure limit(s) (BE, DK, ES, IE, LT, LV, PT, RO)	CAS-No.: 140-11-4 EC-No.: 205-399-7 REACH-no: 01-2119638272- 42	0.03 – 0.065	Aquatic Chronic 3, H412

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

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: 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.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effect	cts, both acute and delayed
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3. Indication of any immediate medical	I attention and special treatment needed

No additional information available

Protection during firefighting

SECTION 5: Firefighting measure	es
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream.
5.2. Special hazards arising from the	substance or mixture
No additional information available	
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.

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

SECTION 6: Accidental release measures				
6.1. Personal precautions, protective equip	oment and emergency procedures			
6.1.1. For non-emergency personnel				
Emergency procedures	: Evacuate unnecessary personnel.			
6.1.2. For emergency responders				
Protective equipment	: Equip cleanup crew with proper protection.			
Emergency procedures	: Ventilate area.			
6.2. Environmental precautions				

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		
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	
6.4. Reference to other sections		

See Section 8. Exposure controls and personal protection.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

SECTION 7: Handling and storage						
7.1. Precautions for safe handling						
Precautions for safe handling	smoking and	: 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.				
7.2. Conditions for safe storage, including	ng any incompat	ibilities				
Storage conditions Incompatible products Incompatible materials	container clo : Strong base	n the original co osed when not i s. Strong acids gnition. Direct s	n use.	, well ventilated	place away from :	Кеер
Germany						
Storage class (LGK, TRGS 510) Joint storage table	: LGK 12 - No : LGK 1 LGK 4.1B LGK 5.1C LGK 6.1D LGK 10	LGK 2A LGK 4.2 LGK 5.2 LGK 6.2 LGK 11	liquids LGK 2B LGK 4.3 LGK 6.1A LGK 7 LGK 12	LGK 3 LGK 5.1A LGK 6.1B LGK 8A LGK 13	LGK 4.1A LGK 5.1B LGK 6.1C LGK 8B LGK 10-13	
Joint storage not permitted for Joint storage with restrictions permitted for Joint storage permitted for	: LGK 1, LGK : LGK 4.1A, L : LGK 2A, LG	. 6.2, LGK 7 .GK 4.3, LGK 5. .K 2B, LGK 3, L	1C GK 4.1B, LGK 4	.2, LGK 5.1A, L	_GK 5.1B, LGK 5.2 0, LGK 11, LGK 12	
Switzerland Storage class (LK)	: LK 10/12 - L	iquids				

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

Benzyl acetate (140-11-4)		
Belgium - Occupational Exposure Limits		
OEL TWA	62 mg/m³	
	10 ppm	
Denmark - Occupational Exposure Limits		
OEL TWA	61 mg/m³	
	10 ppm	
OEL STEL	122 mg/m³	
	20 ppm	
Ireland - Occupational Exposure Limits		
OEL TWA	10 ppm	
OEL STEL	30 ppm (calculated)	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Benzyl acetate (140-11-4)			
Latvia - Occupational Exposure Limits			
OEL TWA	5 mg/m³		
Lithuania - Occupational Exposure Limits			
IPRV (OEL TWA)	5 mg/m³		
Portugal - Occupational Exposure Limits			
OEL TWA	10 ppm		
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen		
Romania - Occupational Exposure Limits			
OEL TWA	50 mg/m ³		
	8 ppm		
OEL STEL	80 mg/m ³		
	13 ppm		
Spain - Occupational Exposure Limits			
VLA-ED (OEL TWA)	62 mg/m ³		
	10 ppm		
USA - ACGIH - Occupational Exposure Limits			
ACGIH OEL TWA	10 ppm		
ACGIH chemical category	Not Classifiable as a Human Carcinogen		
(R)-p-mentha-1,8-diene; d-limonene (5989-27	7-5)		
Finland - Occupational Exposure Limits			
HTP (OEL TWA)	140 mg/m ³		
	25 ppm		
HTP (OEL STEL)	280 mg/m ³		
	50 ppm		
Germany - Occupational Exposure Limits (TRGS 9			
AGW (OEL TWA)	28 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)		
	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/m ³		
	5 ppm		
OEL STEL	112 mg/m ³		
	20 ppm		
OEL chemical category	Potential for cutaneous absorption		
Spain - Occupational Exposure Limits			
	168 mg/m³		
VLA-ED (OEL TWA)			

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)		
OEL chemical category	Sensitizer, skin - potential for cutaneous absorption	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA)	140 mg/m ³	
	25 ppm	
Korttidsverdi (OEL STEL)	175 mg/m ³ (value calculated)	
	37.5 ppm (value calculated)	
OEL chemical category	Allergenic substance	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA)	40 mg/m ³	
	7 ppm	
KZGW (OEL STEL)	80 mg/m ³	
	14 ppm	
OEL chemical category	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

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

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

8.2.2.2. Skin protection

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

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

8.2.3. Environmental exposure controls

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	: Standard.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Non flammable.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 93 °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
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

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information		
11.1. Information on hazard classes as de	fined in Regulation (EC) No 1272/2008	
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	 Not classified Not classified Not classified 	
Cyclamal (103-95-7)		
LD50 oral rat	3810 mg/kg (Source: NLM_CIP)	
LD50 oral	3810 mg/kg bodyweight	
LD50 dermal rat	> 5000 mg/kg (Source: ECHA_API)	
Benzyl acetate (140-11-4)		
LD50 oral rat	2490 mg/kg (Source: JAPAN_GHS)	
LD50 oral	2490 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg (Source: JAPAN_GHS)	
(R)-p-mentha-1,8-diene; d-limonene (5989	J-27-5)	
LD50 oral rat	4400 mg/kg (Source: CHEMVIEW)	
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)	
Hexyl salicylate (6259-76-3)		
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)	
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)	
Linalool (78-70-6)		
LD50 oral	2790 mg/kg	
benzyl benzoate (120-51-4)		
LD50 oral rat	500 mg/kg (Source: NLM_CIP)	
LD50 oral	1160 mg/kg bodyweight	
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexame	thylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)	
LD50 oral rat	> 3250 mg/kg (Source: CHEMVIEW)	
LD50 dermal rabbit	> 3250 mg/kg (Source: CHEMVIEW)	
LC50 Inhalation - Rat	> 5.04 mg/l/4h	
Skin corrosion/irritation Additional information Serious eye damage/irritation Additional information Respiratory or skin sensitisation	 Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified 	
Additional information Germ cell mutagenicity Additional information	 Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met 	
Carcinogenicity Additional information	: Not classified : Based on available data, the classification criteria are not met	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Benzyl acetate (140-11-4)		
IARC group		3 - Not classifiable
(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)		
IARC group		3 - Not classifiable
Reproductive toxicity	: 1	Not classified
Additional information	: 6	Based on available data, the classification criteria are not met
STOT-single exposure	: 1	Not classified
Additional information	: 6	Based on available data, the classification criteria are not met
STOT-repeated exposure	: 1	Not classified
Additional information	: 6	Based on available data, the classification criteria are not met
Aspiration hazard	: 1	Not classified
Additional information	: 6	Based on available data, the classification criteria are not met
(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)		
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 not met symptoms

SECTION 12: Ecological information		
12.1. Toxicity		
(acute)	Not classified Harmful to aquatic life with long lasting effects.	
(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)	
Linalool (78-70-6)		
EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodesmus subspicatus)	
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	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[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	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

12.2. Persistence and degradability		
HEMP H20 CC-16384 10% in DPG		
Persistence and degradability	Not established.	
Cyclamal (103-95-7)		
Persistence and degradability	Rapidly degradable	
Benzyl acetate (140-11-4)		
Persistence and degradability	Rapidly degradable	
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethy	/I-2-naphthalenyl)ethanone (54464-57-2)	
Persistence and degradability	Rapidly degradable	
(R)-p-mentha-1,8-diene; d-limonene (5989-27-	5)	
Persistence and degradability	Rapidly degradable	
Hexyl salicylate (6259-76-3)		
Persistence and degradability	Rapidly degradable	
Linalool (78-70-6)		
Persistence and degradability	Rapidly degradable	
benzyl benzoate (120-51-4)		
Persistence and degradability	May cause long-term adverse effects in the environment.	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)		
Persistence and degradability	Rapidly degradable	
Persistence and degradability 12.3. Bioaccumulative potential	Rapidly degradable	
	Rapidly degradable	
12.3. Bioaccumulative potential	Rapidly degradable	
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG		
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential		
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential Cyclamal (103-95-7)	Not established.	
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential Cyclamal (103-95-7) Partition coefficient n-octanol/water (Log Pow)	Not established.	
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential Cyclamal (103-95-7) Partition coefficient n-octanol/water (Log Pow) Benzyl acetate (140-11-4)	Not established. 3.4 (at 35 °C) 1.96 (at 25 °C (at pH 7)	
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential Cyclamal (103-95-7) Partition coefficient n-octanol/water (Log Pow) Benzyl acetate (140-11-4) Partition coefficient n-octanol/water (Log Pow)	Not established. 3.4 (at 35 °C) 1.96 (at 25 °C (at pH 7)	
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential Cyclamal (103-95-7) Partition coefficient n-octanol/water (Log Pow) Benzyl acetate (140-11-4) Partition coefficient n-octanol/water (Log Pow) (R)-p-mentha-1,8-diene; d-limonene (5989-27-4)	Not established. 3.4 (at 35 °C) 1.96 (at 25 °C (at pH 7) 5)	
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential Cyclamal (103-95-7) Partition coefficient n-octanol/water (Log Pow) Benzyl acetate (140-11-4) Partition coefficient n-octanol/water (Log Pow) (R)-p-mentha-1,8-diene; d-limonene (5989-27-4) Partition coefficient n-octanol/water (Log Pow)	Not established. 3.4 (at 35 °C) 1.96 (at 25 °C (at pH 7) 5)	
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential Cyclamal (103-95-7) Partition coefficient n-octanol/water (Log Pow) Benzyl acetate (140-11-4) Partition coefficient n-octanol/water (Log Pow) (R)-p-mentha-1,8-diene; d-limonene (5989-27-Partition coefficient n-octanol/water (Log Pow) Hexyl salicylate (6259-76-3)	Not established. 3.4 (at 35 °C) 1.96 (at 25 °C (at pH 7) 5) 4.38 (at 37 °C (at pH 7.2)	
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential Cyclamal (103-95-7) Partition coefficient n-octanol/water (Log Pow) Benzyl acetate (140-11-4) Partition coefficient n-octanol/water (Log Pow) (R)-p-mentha-1,8-diene; d-limonene (5989-27-4) Partition coefficient n-octanol/water (Log Pow) Hexyl salicylate (6259-76-3) Partition coefficient n-octanol/water (Log Pow)	Not established. 3.4 (at 35 °C) 1.96 (at 25 °C (at pH 7) 5) 4.38 (at 37 °C (at pH 7.2)	
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential Cyclamal (103-95-7) Partition coefficient n-octanol/water (Log Pow) Benzyl acetate (140-11-4) Partition coefficient n-octanol/water (Log Pow) (R)-p-mentha-1,8-diene; d-limonene (5989-27-4) Partition coefficient n-octanol/water (Log Pow) Hexyl salicylate (6259-76-3) Partition coefficient n-octanol/water (Log Pow) benzyl benzoate (120-51-4)	Not established. 3.4 (at 35 °C) 1.96 (at 25 °C (at pH 7) 5) 4.38 (at 37 °C (at pH 7.2) 5.5 (at 30 °C (at pH 7)	
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential Cyclamal (103-95-7) Partition coefficient n-octanol/water (Log Pow) Benzyl acetate (140-11-4) Partition coefficient n-octanol/water (Log Pow) (R)-p-mentha-1,8-diene; d-limonene (5989-27- Partition coefficient n-octanol/water (Log Pow) Hexyl salicylate (6259-76-3) Partition coefficient n-octanol/water (Log Pow) benzyl benzoate (120-51-4) Partition coefficient n-octanol/water (Log Pow) Bioaccumulative potential	Not established. 3.4 (at 35 °C) 1.96 (at 25 °C (at pH 7) 5) 4.38 (at 37 °C (at pH 7.2) 5.5 (at 30 °C (at pH 7) 3.97 (at 25 °C)	
12.3. Bioaccumulative potential HEMP H20 CC-16384 10% in DPG Bioaccumulative potential Cyclamal (103-95-7) Partition coefficient n-octanol/water (Log Pow) Benzyl acetate (140-11-4) Partition coefficient n-octanol/water (Log Pow) (R)-p-mentha-1,8-diene; d-limonene (5989-27- Partition coefficient n-octanol/water (Log Pow) Hexyl salicylate (6259-76-3) Partition coefficient n-octanol/water (Log Pow) benzyl benzoate (120-51-4) Partition coefficient n-octanol/water (Log Pow) Bioaccumulative potential	Not established. 3.4 (at 35 °C) 1.96 (at 25 °C (at pH 7) 5) 4.38 (at 37 °C (at pH 7.2) 5.5 (at 30 °C (at pH 7) 3.97 (at 25 °C) Not established.	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

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	
Product/Packaging disposal recommendations Ecological information HP Code	 Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. 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 / IMD)G / IATA / ADN / RID			
ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping	g name	·,		
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary informatio	n available			

14.6. Special precautions for user

Overland transport Not applicable

Transport by sea Not applicable

Air transport Not applicable

Inland waterway transport Not applicable

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Rail transport

Not applicable

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)	(R)-p-mentha-1,8-diene; d-limonene	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)	Cyclamal ; 1- (1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthalenyl)ethanone ; (R)-p-mentha-1,8-diene; d-limonene ; Hexyl salicylate ; Linalool ; benzyl benzoate	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	HEMP H20 CC-16384 10% in DPG ; Cyclamal ; Benzyl acetate ; 1- (1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2- naphthalenyl)ethanone ; (R)-p-mentha-1,8-diene; d-limonene ; Hexyl salicylate ; benzyl benzoate ; 1,3,4,6,7,8- hexahydro-4,6,6,7,8,8- hexamethylindeno[5,6- c]pyran; galaxolide; (HHCB)	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.	(R)-p-mentha-1,8-diene; d-limonene	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)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

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)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

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) Hazardous Incident Ordinance (12. BImSchV)	 : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1). : Is not subject to 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	: None of the components are listed
SZW-lijst van mutagene stoffen	: None of the components 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	
Classification remarks	: Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations	: Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information	
Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	: None.

Full text of H- and EUH-statements:		
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	
EUH208	Contains Cyclamal, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, (R)-p-mentha-1,8- diene; d-limonene, Hexyl salicylate, Linalool. May produce an allergic reaction.	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
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.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
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.
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.