

ECO CANDLE PROJECT

CHRISTMAS MARKET

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 7/18/2023

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

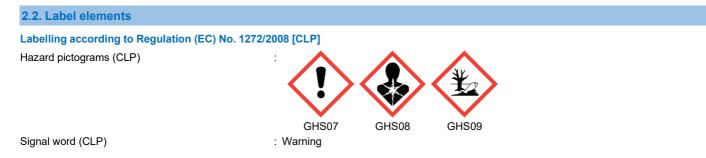
1.1. Product identifier Product form : Mixture Trade name : Christmas Market UFI : HG2U-M9W6-900C-D6FT Product code : FRAGRANCE OIL Type of product : Perfumes, fragrances Product group : Trade product 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses Main use category : Professional use, Industrial use Industrial/Professional use spec : Industrial For professional use only Use of the substance/mixture : Perfumes, fragrances : Odour agents Function or use category 1.2.2. Uses advised against No additional information available 1.3. Details of the supplier of the safety data sheet EcoCAndle Project by Vegteam Lda R.Quinta de Sta Marta nº 4 Lojas EF -Algés 1495-171 Portugal T 351 911 749 753 info@ecocandleproject.com - www.ecocandleproject.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]		
	11047	
Skin sensitisation, Category 1	H317	
Reproductive toxicity, Category 2	H361	
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

Suspected of damaging fertility or the unborn child. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.



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Contains	: Lemon oil ; alpha-Methylcinnamic aldehyde; Aldehyde C-16; Linalool; Clove leaf oil ; Cinnamalva; Eugenol; Cassia oil; Triplal (Vertocitral); Lime Oxide; Artemesia vulgaris oil (Armoise)
Hazard statements (CLP)	 H317 - May cause an allergic skin reaction. H361 - Suspected of damaging fertility or the unborn child. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	 P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. 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.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Bis(2-ethylhexyl) adipate substance with national workplace exposure limit(s) (PL)	CAS-No.: 103-23-1 EC-No.: 203-090-1 REACH-no: 01-2119439699- 19	18.9 – 37.89	Not classified
Lemon oil	CAS-No.: 8008-56-8 EC-No.: 284-515-8	2.6 - 5.2	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Chronic 2, H411
alpha-Methylcinnamic aldehyde	CAS-No.: 101-39-3 EC-No.: 202-938-8 REACH-no: 01-2119538797- 21	2.2 – 4.4	Skin Sens. 1, H317 Aquatic Chronic 1, H410
Aldehyde C-16	CAS-No.: 77-83-8 EC-No.: 201-061-8 REACH-no: 01-2119967770- 28	1.8 – 3.6	Skin Sens. 1B, H317 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	1.4 – 2.8	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Aldehyde C-14	CAS-No.: 104-67-6 EC-No.: 203-225-4 REACH-no: 01-2119959333- 34	1.4 – 2.8	Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Oxypheylon (Raspberry ketone) crystals	CAS-No.: 5471-51-2 EC-No.: 226-806-4	1.3 – 2.6	Acute Tox. 4 (Oral), H302
Clove leaf oil	CAS-No.: 8000-34-8 EC-No.: 616-772-2	1.1 – 2.2	Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304
Cinnamalva	CAS-No.: 1885-38-7 EC-No.: 217-552-5	1.1 – 2.1	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Sens. 1B, H317
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802- 33	0.9 – 1.8	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Ethyl maltol	CAS-No.: 4940-11-8 EC-No.: 225-582-5	0.6 – 1.15	Acute Tox. 4 (Oral), H302
Cassia oil	CAS-No.: 8007-80-5 EC-No.: 284-635-0;616-916-4	0.5 – 1	Acute Tox. 3 (Dermal), H311 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Ethyl lactate substance with national workplace exposure limit(s) (FI, LT, SE)	CAS-No.: 97-64-3 EC-No.: 202-598-0 EC Index-No.: 607-129-00-7	0.5 – 0.95	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
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	0.4 – 0.8	Aquatic Chronic 3, H412
Benzaldehyde substance with national workplace exposure limit(s) (BG, FI, HU, LT, LV, PL)	CAS-No.: 100-52-7 EC-No.: 202-860-4 EC Index-No.: 605-012-00-5 REACH-no: 01-2119455540- 44	0.2 – 0.35	Acute Tox. 4 (Oral), H302
Camphor substance with national workplace exposure limit(s) (AT, BE, BG, DK, ES, FI, FR, GB, GR, HR, IE, LT, PL, PT, RO, SK, NO, CH)	CAS-No.: 76-22-2 EC-No.: 200-945-0	0.1 – 0.26	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 2, H371 Aquatic Chronic 2, H411
Benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371- 33	0.1 – 0.1323	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Triplal (Vertocitral)	CAS-No.: 68039-49-6 EC-No.: 268-264-1	0.1 – 0.1005	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Lime Oxide	CAS-No.: 73018-51-6 EC-No.: 277-225-8	0.1 – 0.1	Flam. Liq. 3, H226 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Artemesia vulgaris oil (Armoise)	CAS-No.: 68991-20-8 EC-No.: 283-874-8	0.1 – 0.1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 STOT SE 2, H371 Asp. Tox. 1, H304 Aquatic Chronic 3, H412 Eye Irrit. 2, H319
decyl alcohol substance with national workplace exposure limit(s) (BG, DE, LT, LV, RO, CH)	CAS-No.: 112-30-1 EC-No.: 203-956-9	0 – 0.0086	Aquatic Chronic 3, H412
Aldehyde C-6 substance with national workplace exposure limit(s) (FI, PL)	CAS-No.: 66-25-1 EC-No.: 200-624-5	0 – 0.0021	Flam. Liq. 3, H226
Caproic acid substance with national workplace exposure limit(s) (BG, LT, LV)	CAS-No.: 142-62-1 EC-No.: 205-550-7	0 – 0.0001	Eye Dam. 1, H318 Skin Corr. 1C, H314

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

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). IF exposed or concerned: Get medical advice/attention.
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 eyes with water as a precaution.
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 ef	fects, both acute and delayed
Symptoms/effects Symptoms/effects after skin contact	: Not expected to present a significant hazard under anticipated conditions of normal use. : May cause an allergic skin reaction.

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

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Sand. Water spray. Dry powder. Foam. Carbon dioxide.

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Unsuitable extinguishing media	: 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	measures
6.1. Personal precautions, protecti	ve equipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection". Emergency procedures : Ventilate area.

6.2. Environmental precautions

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

6.3. Methods and material for conta	inment and cleaning up
For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Notify authorities if product enters sewers or public waters.
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 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. 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 locked up. Store in a well-ventilated place. Keep cool.
Incompatible products	: Strong bases. Strong acids.

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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

Bis(2-ethylhexyl) adipate (103-23-1)	
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	400 mg/m ³
Ethyl lactate (97-64-3)	
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	25 mg/m³
HTP (OEL TWA) [2]	5 ppm
HTP (OEL STEL)	49 mg/m³
HTP (OEL STEL) [ppm]	10 ppm
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	25 mg/m³
IPRV (OEL TWA) [ppm]	5 ppm
TPRV (OEL STEL)	50 mg/m³
TPRV (OEL STEL) [ppm]	10 ppm
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	25 mg/m³ (same limit value expressed in ppm shall be applied for those lactates for which no limit values have been defined)
NGV (OEL TWA) [ppm]	5 ppm (same limit value expressed in ppm shall be applied for those lactates for which no limit values have been defined)
KTV (OEL STEL)	50 mg/m³ (same limit value expressed in ppm shall be applied for those lactates for which no limit values have been defined)
KTV (OEL STEL) [ppm]	10 ppm (same limit value expressed in ppm shall be applied for those lactates for which no limit values have been defined)
Benzyl acetate (140-11-4)	
Belgium - Occupational Exposure Limits	
OEL TWA	62 mg/m³
OEL TWA [ppm]	10 ppm
Denmark - Occupational Exposure Limits	
OEL TWA [1]	61 mg/m³
OEL TWA [2]	10 ppm
OEL STEL	122 mg/m ³

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Benzyl acetate (140-11-4)		
OEL STEL [ppm]	20 ppm	
Ireland - Occupational Exposure Limits		
OEL TWA [2]	10 ppm	
OEL STEL [ppm]	30 ppm (calculated)	
Latvia - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	5 mg/m³	
Portugal - Occupational Exposure Limits		
OEL TWA [ppm]	10 ppm	
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen	
Romania - Occupational Exposure Limits		
OEL TWA	50 mg/m³	
OEL TWA [ppm]	8 ppm	
OEL STEL	80 mg/m³	
OEL STEL [ppm]	13 ppm	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1]	62 mg/m³	
VLA-ED (OEL TWA) [2]	10 ppm	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	10 ppm	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
Benzaldehyde (100-52-7)		
Bulgaria - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	4.4 mg/m ³	
HTP (OEL TWA) [2]	1 ppm	
HTP (OEL C)	17.4 mg/m³	
HTP (OEL C) [ppm]]	4 ppm	
Hungary - Occupational Exposure Limits		
AK (OEL TWA)	5 mg/m³	
CK (OEL STEL)	10 mg/m³	
Latvia - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	5 mg/m³	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	10 mg/m³	

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Benzaldehyde (100-52-7)	
NDSCh (OEL STEL)	40 mg/m³
Camphor (76-22-2)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	13 mg/m ³
MAK (OEL TWA) [ppm]	2 ppm
Belgium - Occupational Exposure Limits	·
OEL TWA	12 mg/m ³
OEL TWA [ppm]	2 ppm
OEL STEL	19 mg/m³
OEL STEL [ppm]	3 ppm
Bulgaria - Occupational Exposure Limits	·
OEL TWA	12 mg/m³
OEL STEL	18 mg/m³
Croatia - Occupational Exposure Limits	·
GVI (OEL TWA) [1]	13 mg/m³
GVI (OEL TWA) [2]	2 ppm
KGVI (OEL STEL)	19 mg/m³
KGVI (OEL STEL) [ppm]	3 ppm
Denmark - Occupational Exposure Limits	·
OEL TWA [1]	12 mg/m³
OEL TWA [2]	2 ppm
OEL STEL	24 mg/m³
OEL STEL [ppm]	4 ppm
Finland - Occupational Exposure Limits	·
HTP (OEL TWA) [1]	1.9 mg/m³
HTP (OEL TWA) [2]	0.3 ppm
HTP (OEL STEL)	5.7 mg/m³
HTP (OEL STEL) [ppm]	0.9 ppm
France - Occupational Exposure Limits	
VME (OEL TWA)	12 mg/m³
VME (OEL TWA) [ppm]	2 ppm
Greece - Occupational Exposure Limits	
OEL TWA	12 mg/m³ (inhalable fraction)
OEL STEL	18 mg/m³
Ireland - Occupational Exposure Limits	
OEL TWA [1]	12 mg/m ³
OEL TWA [2]	2 ppm
OEL STEL	18 mg/m ³
OEL STEL [ppm]	3 ррт

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

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values are observed) Latvia - Occupational Exposure Limits UPRV (OEL TWA) 10 mg/m³ Ithurai - Occupational Exposure Limits PRV (OEL TWA) 100 mg/m³ Romania - Occupational Exposure Limits CEL TWA 100 mg/m³ OEL TWA 100 mg/m³ OEL TWA 00 mg/m³ OEL TWA 00 mg/m³ OEL TWA 00 mg/m³ OEL TWA 100 mg/m³ OEL TWA 00 mg/m³ OEL TWA 100 mg/m³ OEL TWA 110 mg/m³ (aerosol, vapour) KZGW (OEL STEL) [pm] 10 pm (aerosol, vapour) KZGW (OEL STEL) [pm] 10 pm (aerosol, vapour) HTP (OEL STEL) [pm] 10 pm (aerosol, vapour) NDS (OEL STEL) [pm] 10 pm (aerosol, vapour) <th>Camphor (76-22-2)</th> <th></th>	Camphor (76-22-2)	
Bilgaria - Occupational Exposure Limits 10 mg/m² Germany - Occupational Exposure Limits (RGS 90) 86 mg/m² (he risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) Latvia - Occupational Exposure Limits 10 mg/m² CeL TWA 10 mg/m² Romain - Occupational Exposure Limits 10 mg/m² CeL TWA 10 mg/m² Romain - Occupational Exposure Limits 10 mg/m² CeL TWA 10 mg/m² CeL TWA 10 mg/m² CeL TWA 00 mg/m² CeL TWA 10 pg/m² KGW CeL TWA) [1	ACGIH chemical category	Not Classifiable as a Human Carcinogen synthetic
OEL TWA 10 mg/m² Germany - Occupational Exposure Limits (TRGS 90) AGW (OEL TWA) [1] 66 mg/m² (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 10 pg/m (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) Latvia - Occupational Exposure Limits 0 mg/m² CeL TWA 10 mg/m² Romania - Occupational Exposure Limits 10 mg/m² Romania - Occupational Exposure Limits 10 mg/m² CeL TWA 10 mg/m² Romania - Occupational Exposure Limits 10 mg/m² OEL TWA (ppm) 10 mg/m² OEL TWA (ppm) 10 mg/m² OEL TWA (ppm) 30 ppm OEL TWA (ppm) 30 ppm (serosol, vapour) MK (OEL TWA) [1] 66 mg/m² (aerosol, vapour) MK (OEL TWA) [2] 10 ppm (serosol, vapour) MK (OEL TWA) [2] 10 ppm (serosol, vapour) KGW (OEL STEL) [ppm] 10 ppm (serosol, vapour) KGW (OEL STEL) [ppm] 10 ppm (serosol, vapour) KGW (OEL STEL) [ppm] 10 ppm (serosol, vapour) KI (OEL TWA) [2] 10 ppm (serosol, vapour) KGW (OEL STEL) [ppm] 10 ppm (serosol, vapour) KI (OEL TWA) [2] 10 ppm (serosol, vapour) KI (OEL TWA) 10 pg/m² <	decyl alcohol (112-30-1)	
Germany - Occupational Exposure Limits (TRGS 90) AGW (OEL TWA) [1] 66 mg/m² (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 10 mg/m² Ceturational Exposure Limits 10 mg/m² DEL TWA 10 mg/m² Ceturational Exposure Limits 10 mg/m² DEL TWA 10 mg/m² Romania - Occupational Exposure Limits 10 mg/m² OEL TWA 100 mg/m² Cett TWA 00 mg/m² OEL TWA 100 mg/m² OEL TWA 00 mg/m² OEL TWA 100 mg/m² OEL TWA 10 pp/m² OEL TWA 10 pp/m² (aerosol, vapour) KZGW (OEL STEL) (pp/m] 1	Bulgaria - Occupational Exposure Limits	
AGW (OEL TWA) [1] 66 mg/m² (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) AGW (OEL TWA) [2] 10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) Latvia - Occupational Exposure Limits 10 mg/m² CEL TWA 10 mg/m² CEL TWA 10 mg/m² Romania - Occupational Exposure Limits 10 mg/m² CEL TWA 100 mg/m² CEL TWA [pm] 30 ppm CEL TWA [f] 66 mg/m² (serosol, vapour) CEL TWA [1] 66 mg/m² (serosol, vapour) MK (OEL TWA) [1] 66 mg/m² (serosol, vapour) KZGW (OEL STEL) [pm] 10 ppm (aerosol, vapour) KZGW (OEL STEL) [pm] 10 ppm (aerosol, vapour) KZGW (OEL STEL) [pm] 10 ppm (aerosol, vapour) HTP (OEL STEL) [pm] 10 ppm (aerosol, vapour) ROBCH (CEL STEL) [pm] 10 ppm (aerosol, vapour) NDS (OEL TWA) 10 mg/m² NDS (OEL TWA)	OEL TWA	10 mg/m³
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	OEL TWA	5 mg/m³
	Lithuania - Occupational Exposure Limits	·
IPRV (OEL I WA) 5 mg/m ³	IPRV (OEL TWA)	5 mg/m³

8.1.2. Recommended monitoring procedures

No additional information available

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8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls: Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

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. [In case of inadequate ventilation] wear respiratory protection.

8.2.2.4. Thermal hazards No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls: Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light yellow. amber. Conforms to standard.
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

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Lower explosion limit Upper explosion limit Flash point Auto-ignition temperature Decomposition temperature pH Viscosity, kinematic Solubility Partition coefficient n-octanol/water (Log Kow) Vapour pressure Vapour pressure at 50°C Density Relative density	 Not available Not available 75 °C Not available
Density Relative density Relative vapour density at 20°C Particle characteristics	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on haza	d classes as defined in Reg	gulation (EC) No 1272/2008
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Acute toxicity (oral) :	Not classified
Acute toxicity (dermal) :	Not classified
Acute toxicity (inhalation) :	Not classified
Skin corrosion/irritation :	Not classified
Serious eye damage/irritation :	Not classified
Respiratory or skin sensitisation :	May cause an allergic skin reaction.
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Bis(2-ethylhexyl) adipate (103-23-1)	
IARC group	3 - Not classifiable

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Eugenol (97-53-0)		
IARC group	3 - Not classifiable	
Benzyl acetate (140-11-4)		
IARC group	3 - Not classifiable	
	Suspected of damaging fertility or the unborn child. Not classified	
STOT-single exposure : Ethyl lactate (97-64-3)		
STOT-single exposure	May cause respiratory irritation.	
Camphor (76-22-2)		
STOT-single exposure	May cause damage to organs.	
Artemesia vulgaris oil (Armoise) (68991-20-8)		
STOT-single exposure May cause damage to organs.		
- ·	Not classified	
	Not classified	
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

Ecology - general

: Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short–term(acute) Hazardous to the aquatic environment, long–term(chronic)

: Not classified

: Toxic to aquatic life with long lasting effects.

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Aldehyde C-14 (104-67-6)		
12.2. Persistence and degradability		
CHRISTMAS MARKET		
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		
MULLED WINE #EU55378F		
Bioaccumulative potential	Not established.	

Bioaccumulative potential	Not established.	
Bis(2-ethylhexyl) adipate (103-23-1)		
BCF - Fish [1]	(27 dimensionless)	
Partition coefficient n-octanol/water (Log Pow)	8.94 (at 25 °C)	
Aldehyde C-16 (77-83-8)		
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C (cis isomer)	
Aldehyde C-14 (104-67-6)		
Partition coefficient n-octanol/water (Log Pow)	3.6 (at 25 °C)	

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Oxypheylon (Raspberry ketone) crystals (5	471-51-2)			
Partition coefficient n-octanol/water (Log Pow)	1.33 (at 20 °C)			
Cinnamalva (1885-38-7)				
Partition coefficient n-octanol/water (Log Pow)	1.96			
Eugenol (97-53-0)				
Partition coefficient n-octanol/water (Log Pow)	1.83 (at 30 °C (at pH 5.5)			
Ethyl maltol (4940-11-8)				
Partition coefficient n-octanol/water (Log Pow)	2.9 (at 25 °C)			
Ethyl lactate (97-64-3)				
Partition coefficient n-octanol/water (Log Pow)	0.7 (at 25 °C (at pH >2-<8)			
Benzyl acetate (140-11-4)				
Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 7)			
Benzaldehyde (100-52-7)				
BCF - Fish [1]	(no significant bioaccumulation)			
Partition coefficient n-octanol/water (Log Pow)	1.4 (at 25 °C)			
Camphor (76-22-2)				
Partition coefficient n-octanol/water (Log Pow)	2.414 (at 25 °C)			
Benzyl benzoate (120-51-4)				
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)			
Bioaccumulative potential	Not established.			
Lime Oxide (73018-51-6)				
Partition coefficient n-octanol/water (Log Pow)	3.3 – 4.9 (at 35 °C (at pH 7)			
decyl alcohol (112-30-1)				
Partition coefficient n-octanol/water (Log Pow)	4.5 (at 25 °C (at pH 6)			
Aldehyde C-6 (66-25-1)				
Partition coefficient n-octanol/water (Log Pow)	2.3 (at 25 °C (at pH 5)			
Caproic acid (142-62-1)				
Partition coefficient n-octanol/water (Log Pow)	1.88			
12.4. Mobility in soil				
No additional information available				
12.5. Results of PBT and vPvB assessment				
No additional information available				
12.6. Endocrine disrupting properties				
No additional information available				
12.7. Other adverse effects				
Additional information	: Avoid release to the environment.			

Additional information

: Avoid release to the environment.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

Product/Packaging disposal recommendations Ecology - waste materials HP Code

- : 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.
- : 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 \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.
 - HP10 "Toxic for reproduction:" waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring. 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	IMDG IATA ADN		RID	
14.1. UN number or ID n	umber				
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082	
14.2. UN proper shippin	g name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha- Methylcinnamic aldehyde)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha- Methylcinnamic aldehyde)	Environmentally hazardous substance, liquid, n.o.s. (alpha-Methylcinnamic aldehyde)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha- Methylcinnamic aldehyde)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha- Methylcinnamic aldehyde)	
Transport document descr	iption				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha- Methylcinnamic aldehyde), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha- Methylcinnamic aldehyde), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (alpha- Methylcinnamic aldehyde), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha- Methylcinnamic aldehyde), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha- Methylcinnamic aldehyde), 9, III	
14.3. Transport hazard o	lass(es)				
9	9	9	9	9	
14.4. Packing group					
III	III	III			

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ADR	IMDG	ΙΑΤΑ	ADN	RID
14.5. Environmental haz	ards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				

14.6. Special precautions for user

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 and handling (ADR)	: LGBV : AT : 3 : V12 : CV13
Hazard identification number (Kemler No.) Orange plates	90 90 3082
Tunnel restriction code (ADR) EAC code	: - : •3Z
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)	: 274, 335, 969 : 5 L : E1 : LP01, P001 : PP1 : IBC03 : T4 : TP1, TP29 : F-A : S-F : A
Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA)	: E1 : Y964 : 30kgG : 964 : 450L : 964 : 450L : A97, A158, A197, A215 : 9L

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Special provisions (ADN) Limited quantities (ADN) Excepted quantities (ADN) Carriage permitted (ADN) Equipment required (ADN) Number of blue cones/lights (ADN)	: 274, 335, 375, 601 : 5 L : E1 : T : PP : 0
Rail transport Classification code (RID) Special provisions (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) Portable tank and bulk container special provisions (RID)	
Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage - Loading, unloading and handling (RID) Colis express (express parcels) (RID) Hazard identification number (RID)	
Special provisions for carriage - Loading, unloading and handling (RID) Colis express (express parcels) (RID)	: CW13, CW31 : CE8

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)	Lemon oil ; Ethyl lactate ; Lime Oxide ; Artemesia vulgaris oil (Armoise) ; Aldehyde C-6	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)	CHRISTMAS MARKET #EU55378F; Lemon oil; alpha-Methylcinnamic aldehyde; Aldehyde C-16 ; Linalool; Clove leaf oil; Cinnamalva; Eugenol; Cassia oil; Ethyl lactate; Benzaldehyde; Benzyl benzoate; Triplal (Vertocitral); Lime Oxide; Artemesia vulgaris oil (Armoise); Caproic acid	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	

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EU restriction list (REACH Annex XVII)			
Reference code	Applicable on	Entry title or description	
3(c)	CHRISTMAS MARKET #EU55378F ; Lemon oil ; alpha-Methylcinnamic aldehyde ; Aldehyde C-16 ; Aldehyde C-14 ; Cassia oil ; Benzyl acetate ; Benzyl benzoate ; Triplal (Vertocitral) ; Lime Oxide ; Artemesia vulgaris oil (Armoise) ; decyl alcohol	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.	Lemon oil ; Ethyl lactate ; Camphor ; Lime Oxide ; Artemesia vulgaris oil (Armoise) ; Aldehyde C-6	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

France

Occupational diseases			
Code	Description		
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide		

Germany

Water hazard class (WGK) Storage class (LGK, TRGS 510) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1). : LGK 10 - Combustible liquids.

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		20720207010			
Joint storage table	EGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
	LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
	LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
	LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
	LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13
Joint storage not permitted for	: LGK 1, LGK	2A, LGK 5.1A,	LGK 6.2, LGK 7.		
Joint storage with restrictions permitted for			3, LGK 5.1B, LG		
Joint storage permitted for			LGK 6.1A, LGK _GK 13, LGK 10		, LGK 6.1D, LGK
Hazardous Incident Ordinance (12. BImSchV)	: Is not subject	t of the Hazard	lous Incident Ord	dinance (12. Bln	nSchV)
Netherlands					
ABM category	: A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment				
SZW-lijst van kankerverwekkende stoffen	: Lemon oil ,Cassia oil,Triplal (Vertocitral),Lime Oxide,Artemesia vulgaris oil (Armoise) are listed				
SZW-lijst van mutagene stoffen	: Lemon oil ,Cassia oil,Triplal (Vertocitral),Lime Oxide,Artemesia vulgaris oil (Armoise) ar listed				
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed				
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the	components ar	e listed		
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the c	components are	e 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 guid for the storage of flammable liquids must be followed				
Danish National Regulations	: Young people	e below the age	e of 18 years are	not allowed to	use the product oust not be in dire
Switzerland					
Storage class (LK)	: LK 6.1 - Toxi	c materials			

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 EUF	I-statements:
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) 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

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Full text of H- and EUH-statements:		
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
Flam. Sol. 2	Flammable solids, Category 2	
H226	Flammable liquid and vapour.	
H228	Flammable solid.	
H301	Toxic if swallowed.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H311	Toxic in contact with skin.	
H312	Harmful 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.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H361	Suspected of damaging fertility or the unborn child.	
H371	May cause damage to organs.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
Repr. 2	Reproductive toxicity, Category 2	
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	

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.