

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY	
1.1 Product Identifier Product Identifier/ No: UFI:	WINTER WONDERLAND 7F0A-E3DC-A005-JW5N
1.2 Relevant identified uses of the mixture and uses advised against:	Perfuming agent for finished consumer products. Not for personal use in this form or concentration.
1.3 Details of the supplier of the safety data sheet:	EK Evolve Services Ltd Warehouse 6, Block B, 26 Gianni Koromia 1028 Kaimakli, Nicosia, CYPRUS Phone: +357 22770035 E-Mail: info@candlesuppliescyprus.com
1.4 Emergency telephone number:	+357 22770035 Emergency consultation (GR/EN) during office hours Monday to Friday 09:00 - 17:00 (GMT+3)

2. HAZARD IDENTIFICATION	
2.1 Classification of the substance or mixture	
2.1.1 Classification according to Regulation (EC) No 1272/2008:	
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411
Full text of H-statements: see section 16	
2.1.2 Adverse physicochemical, human health and environmental effects	
Causes skin irritation. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.	
2.2 Label elements	
2.2.1 Hazard pictograms:	
	
GHS07	GHS09

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

2.2.2	Signal word	Warning
2.2.3	Hazard statements:	
	Triplal (Vertocitral); Vertenex; Coumarin crystals; Cumincic aldehyde; acetyl cedrene; d-Limonene; Aldehyde C-16; Cedar leaf oil; Linalyl acetate; Linalool; alpha-Methylcinnamic aldehyde; Cinnamic aldehyde; Clove leaf oil; Lemon oil ; Eugenol; beta-Caryophyllene; Fir Needle oil, Siberian; Eucalyptus oil	
	H317 - May cause an allergic skin reaction	
	H411 - Toxic to aquatic life with long lasting effects.	
2.2.4	Precautionary statements	
	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.	
	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.	
	P362+P364 - Take off contaminated clothing and wash it before reuse.	
2.3	Other Hazards	
	No additional information available	

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802-33	2.2925 – 4.725	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317
alpha-Methylcinnamic aldehyde	CAS-No.: 101-39-3 EC-No.: 202-938-8 REACH-no: 01-2119538797-21	2.5 – 4.3	Skin Sens. 1, H317
Aldehyde C-16	CAS-No.: 77-83-8 EC-No.: 201-061-8 REACH-no: 01-2119967770-28	1.225 – 2.45	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
d-Limonene	CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-029-00-7;601-096-00-2 REACH-no: 01-2119493353-35	0.9775 – 1.9655	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

Vertenex	CAS-No.: 32210-23-4 EC-No.: 250-954-9 REACH-no: 01-2119976286-24	0.725 – 1.45	Skin Sens. 1B, H317
Ethylene brassylate	CAS-No.: 105-95-3 EC-No.: 203-347-8 REACH-no: 01-2119976314-33	0.725 – 1.45	Aquatic Chronic 2, H411
Fir Needle oil, Siberian	CAS-No.: 8021-29-2 EC-No.: 290-163-6;617-005-4	0.7 – 1.25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 1, H410
Clove leaf oil	CAS-No.: 8000-34-8 EC-No.: 616-772-2	0.45 – 0.9	Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304
Lemon oil	CAS-No.: 8008-56-8 EC-No.: 284-515-8;616-925-3	0.45 – 0.9	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016-42	0.3755 – 0.7565	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Cinnamic aldehyde	CAS-No.: 104-55-2 EC-No.: 203-213-9 REACH-no: 01-2119935242-45	0.2385 – 0.505	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

beta-Caryophyllene	CAS-No.: 87-44-5 EC-No.: 201-746-1 REACH-no: 01-2120745237-53	0.1485 – 0.44	Asp. Tox. 1, H304 Aquatic Chronic 4, H413 Skin Sens. 1B, H317
Triplal (Vertocitral)	CAS-No.: 68039-49-6 EC-No.: 268-264-1	0.2 – 0.4	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Cedar leaf oil	CAS-No.: 8007-20-3 EC-No.: 290-370-1;616-907-5	0.2 – 0.4	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Coumarin crystals	CAS-No.: 91-64-5 EC-No.: 202-086-7 REACH-no: 01-2119943756-26	0.125 – 0.25	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411
acetyl cedrene	CAS-No.: 32388-55-9 EC-No.: 251-020-3 REACH-no: 01-2119969651-28	0.125 – 0.25	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Eucalyptus oil	CAS-No.: 8000-48-4 EC-No.: 283-406-2;286-249-8;616-775-9 REACH-no: 01-2119978250-37	0.125 – 0.25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789-19	0.075 – 0.1555	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Isoamyl acetate substance with a Community workplace exposure limit	CAS-No.: 123-92-2 EC-No.: 204-662-3 EC Index-No.: 607-130-00-2 REACH-no: 01-2119548408-32	0.05 – 0.1	Flam. Liq. 3, H226



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

Cuminic aldehyde	CAS-No.: 122-03-2 EC-No.: 204-516-9	0.05 – 0.1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317
------------------	--	------------	--

4. FIRST AID MEASURES

4.1 Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing

First-aid measures after skin contact : 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 eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

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

4.3 Indication of immediate medical attention and special treatment needed

Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

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

5.2 Special hazard arising from the substance or mixture

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

5.3 Advice for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures



SAFETY DATA SHEET

Page 6 of 24

Last Update: 22.09.21

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

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 personnel:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2 Environmental precautions	
	Avoid release to the environment.
6.3 Methods and material for containment and cleaning up	
	Collect spillage. Take up liquid spill into absorbent material.
6.4 Other information:	Dispose of materials or solid residues at an authorized site.
6.4 Reference to other sections:	For further information refer to section 13.

7. HANDLING AND STORAGE	
7.1 Precautions for safe handling	
	Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
7.1.2 Advice on general occupational hygiene:	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
7.2 Conditions for safe storage, including any incompatibilities	

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

Storage conditions	: Store in a well-ventilated place. Keep cool.
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	

8. EXPOSURE CONTROLS / PERSONAL PROTECTION	
8.1 Control parameters	
8.1.1 National occupational exposure and biological limit values	
Isoamyl acetate (123-92-2)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	270 mg/m ³
IOEL TWA [ppm]	50 ppm
IOEL STEL	540 mg/m ³
IOEL STEL [ppm]	100 ppm
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	270 mg/m ³ (Pentyl acetate (all isomers))
MAK (OEL TWA) [ppm]	50 ppm (Pentyl acetate (all isomers))
MAK (OEL STEL)	540 mg/m ³ (Pentylacetate)
MAK (OEL STEL) [ppm]	100 ppm (Pentylacetate)
Belgium - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
Isoamyl acetate (123-92-2)	
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Bulgaria - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA [ppm]	50 ppm
OEL STEL	540 mg/m ³
OEL STEL [ppm]	100 ppm
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	270 mg/m ³
GVI (OEL TWA) [2]	50 ppm

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

KGVI (OEL STEL)	540 mg/m ³	
KGVI (OEL STEL) [ppm]	100 ppm	
Cyprus - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL STEL	540 mg/m ³	
OEL STEL [ppm]	100 ppm	
Denmark - Occupational Exposure Limits		
OEL TWA [1]	271 mg/m ³ (Amyl acetate, all isomers)	
OEL TWA [2]	50 ppm (Amyl acetate, all isomers)	
Estonia - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL STEL	540 mg/m ³	
OEL STEL [ppm]	100 ppm	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	270 mg/m ³ (Pentyl acetate)	
HTP (OEL TWA) [2]	50 ppm (Pentyl acetate)	
HTP (OEL STEL)	540 mg/m ³	
HTP (OEL STEL) [ppm]	100 ppm	
France - Occupational Exposure Limits		
VME (OEL TWA)	270 mg/m ³ (restrictive limit)	
VME (OEL TWA) [ppm]	50 ppm (restrictive limit)	
VLE (OEL C/STEL)	540 mg/m ³ (restrictive limit)	
VLE (OEL C/STEL) [ppm]	100 ppm (restrictive limit)	
Germany - Occupational Exposure Limits (TRGS 900)		
AGW (OEL TWA) [1]	270 mg/m ³	
AGW (OEL TWA) [2]	50 ppm	
Isoamyl acetate (123-92-2)		
Gibraltar - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL STEL	540 mg/m ³	
OEL STEL [ppm]	100 ppm	
Greece - Occupational Exposure Limits		
OEL TWA	530 mg/m ³	
OEL TWA [ppm]	100 ppm	

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

OEL STEL	800 mg/m ³	
OEL STEL [ppm]	150 ppm	
Hungary - Occupational Exposure Limits		
AK (OEL TWA)	270 mg/m ³	
CK (OEL STEL)	540 mg/m ³	
Ireland - Occupational Exposure Limits		
OEL TWA [1]	260 mg/m ³	
OEL TWA [2]	50 ppm	
OEL STEL	520 mg/m ³	
OEL STEL [ppm]	100 ppm	
Italy - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL STEL	540 mg/m ³	
OEL STEL [ppm]	100 ppm	
Latvia - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA [ppm]	50 ppm	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	270 mg/m ³	
IPRV (OEL TWA) [ppm]	50 ppm	
TPRV (OEL STEL)	540 mg/m ³	
TPRV (OEL STEL) [ppm]	100 ppm	
Luxembourg - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL STEL	540 mg/m ³	
OEL STEL [ppm]	100 ppm	
Malta - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA [ppm]	50 ppm	
Isoamyl acetate (123-92-2)		
OEL STEL	540 mg/m ³	
OEL STEL [ppm]	100 ppm	
Netherlands - Occupational Exposure Limits		
TGG-15min (OEL STEL)	530 mg/m ³	
Poland - Occupational Exposure Limits		

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

NDS (OEL TWA)	250 mg/m ³	
NDSch (OEL STEL)	500 mg/m ³	
Portugal - Occupational Exposure Limits		
OEL TWA	270 mg/m ³ (indicative limit value)	
OEL TWA [ppm]	50 ppm (indicative limit value)	
OEL STEL	540 mg/m ³ (indicative limit value)	
OEL STEL [ppm]	100 ppm (indicative limit value, regulated under Pentyl acetate, all isomers)	
Romania - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL STEL	540 mg/m ³	
OEL STEL [ppm]	100 ppm	
Slovakia - Occupational Exposure Limits		
NPHV (OEL TWA) [1]	270 mg/m ³	
NPHV (OEL TWA) [2]	50 ppm	
NPHV (OEL C)	540 mg/m ³	
Slovenia - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL STEL	540 mg/m ³	
OEL STEL [ppm]	100 ppm	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1]	270 mg/m ³ (indicative limit value)	
VLA-ED (OEL TWA) [2]	50 ppm (indicative limit value)	
VLA-EC (OEL STEL)	540 mg/m ³	
VLA-EC (OEL STEL) [ppm]	100 ppm	
Sweden - Occupational Exposure Limits		
NGV (OEL TWA)	270 mg/m ³ (Pentyl acetates)	
NGV (OEL TWA) [ppm]	50 ppm (Pentyl acetates)	
KTV (OEL STEL)	540 mg/m ³ (Pentyl acetates)	
KTV (OEL STEL) [ppm]	100 ppm (Pentyl acetates)	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA) [1]	260 mg/m ³	
Grenseverdi (OEL TWA) [2]	50 ppm	
Isoamyl acetate (123-92-2)		
Korttidsverdi (OEL STEL)	325 mg/m ³ (value calculated)	
Korttidsverdi (OEL STEL) [ppm]	75 ppm (value calculated)	

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

Turkey - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA [ppm]	50 ppm	
OEL STEL	540 mg/m ³	
OEL STEL [ppm]	100 ppm	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA [ppm]	50 ppm (Pentyl acetate, all isomers)	
ACGIH OEL STEL [ppm]	100 ppm (Pentyl acetate, all isomers)	
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/m ³	
HTP (OEL STEL) [ppm]	50 ppm	
Germany - Occupational Exposure Limits (TRGS 900)		
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/m ³	
OEL TWA [ppm]	5 ppm	
OEL STEL	112 mg/m ³	
OEL STEL [ppm]	20 ppm	
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	
Chemical category	Sensitizer, skin - potential for cutaneous absorption	
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)	
Chemical category	Sensitizing substance	
d-Limonene (5989-27-5)		

Product: WINTER WONDERLAND FRAGRANCE

Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	40 mg/m ³	
MAK (OEL TWA) [2]	7 ppm	
KZGW (OEL STEL)	80 mg/m ³	
KZGW (OEL STEL) [ppm]	14 ppm	
Chemical category	Sensitizer	
<p>8.1.2. Recommended monitoring procedures No additional information available</p> <p>8.1.3. Air contaminants formed No additional information available</p> <p>8.1.4. DNEL and PNEC No additional information available</p> <p>8.1.5. Control banding No additional information available</p>		
<p>8.2 Exposure controls</p>		
<p>8.2.1 Engineering measures Appropriate engineering controls: Ensure good ventilation of the work station.</p>		
<p>8.2.2 Personal protection equipment Personal protective equipment symbol(s):</p> 		
<p>8.2.2.1 Eye and face protection Eye protection: Safety glasses</p> <p>8.2.2.2 Skin protection Skin and body protection: Wear suitable protective clothing</p> <p>Hand protection: Wear protective gloves</p> <p>8.2.2.3 Respiratory protection Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment</p> <p>8.2.2.4 Thermal hazards No additional information available</p>		

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

8.2.3 Environmental exposure controls Environmental exposure controls:

Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State of aggregation:	liquid
Color:	Light yellow. Amber.
Odor:	Characteristic
Odor threshold:	No data available
pH:	No data available
Melting point:	Not applicable
Freezing point:	No data available
Boiling point:	No data available
Flammability	Not applicable
Explosive limits:	Not available
Lower explosion limit:	Not available
Upper explosion limit:	Not available
Flash point (°C):	80 °C (closed cup) ASTM D7094
Auto Ignition temperature (°C):	No data available
Decomposition temperature (°C):	No data available
Partition coefficient n-octanol/water (Log Kow)	Not available
Vapor pressure:	No data available



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

Relative vapor density at 20 °C:	No data available
Density:	Not available
Relative density:	0.949
Viscosity, kinematic:	Not available
Viscosity, dynamic:	Not available
Solubility:	No data available
Explosive properties:	Not applicable
Oxidising properties:	Not applicable
9.2 Other information	No additional information available

10. STABILITY AND REACTIVITY	
10.1 Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
10.2 Chemical Stability:	Stable under normal conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known under normal conditions of use.
10.4 Conditions to avoid:	None under recommended storage and handling conditions (see section 7).
10.5 Incompatible materials:	No additional information available.
10.6 Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION	
11.1 Information on hazard classes according to Regulation (EC) No 1272/2008	
Acute toxicity (oral):	Not classified
Acute toxicity (dermal)	Not classified

Product: WINTER WONDERLAND FRAGRANCE

Acute toxicity (inhalation):	Not classified	
Triplal (Vertocitral) (68039-49-6)		
LD50 oral	3900 mg/kg bodyweight	
Vertenex (32210-23-4)		
LD50 oral rat	5 g/kg	
LD50 oral	3370 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg	
Coumarin crystals (91-64-5)		
LD50 oral rat	> 5000 mg/kg	
LD50 oral	500 mg/kg bodyweight	
LD50 dermal rat	293 mg/kg	
Ethylene brassylate (105-95-3)		
LD50 oral rat	> 5000 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg	
Cumic aldehyde (122-03-2)		
LD50 oral rat	1390 mg/kg	
LD50 oral	1390 mg/kg bodyweight	
LD50 dermal	2800 mg/kg bodyweight	
acetyl cedrene (32388-55-9)		
LD50 oral	4500 mg/kg bodyweight	
LD50 dermal rabbit	> 5000 mg/kg	
d-Limonene (5989-27-5)		
LD50 oral rat	4400 mg/kg	
LD50 dermal rabbit	> 5 g/kg	
Aldehyde C-16 (77-83-8)		
LD50 oral rat	5470 mg/kg	
LD50 dermal rat	> 2000 mg/kg	
Linalyl acetate (115-95-7)		
LD50 oral rat	14550 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg	
Linalool (78-70-6)		
LD50 oral	2790 mg/kg bodyweight	
alpha-Methylcinnamic aldehyde (101-39-3)		
LD50 oral rat	2050 mg/kg	
LD50 oral	2050 mg/kg bodyweight	

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

LD50 dermal rabbit	> 5 g/kg	
Cinnamic aldehyde (104-55-2)		
LD50 oral rat	2220 mg/kg	
LD50 oral	2200 mg/kg bodyweight	
Cinnamic aldehyde (104-55-2)		
LD50 dermal rabbit	1260 mg/kg	
LD50 dermal	1100 mg/kg bodyweight	
Eugenol (97-53-0)		
LD50 oral rat	1930 mg/kg	
LD50 oral	2500 mg/kg bodyweight	
Clove leaf oil (8000-34-8)		
LD50 oral rat	1370 mg/kg	
LD50 oral	2650 mg/kg bodyweight	
LD50 dermal rabbit	1200 mg/kg	
LD50 dermal	2500 mg/kg bodyweight	
Lemon oil (8008-56-8)		
LD50 oral rat	2840 mg/kg	
Cedar leaf oil (8007-20-3)		
LD50 oral rat	830 mg/kg	
Fir Needle oil, Siberian (8021-29-2)		
LD50 oral rat	10200 mg/kg	
Eucalyptus oil (8000-48-4)		
LD50 oral rat	2480 mg/kg	
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		
Coumarin crystals (91-64-5)		
IARC group	3 - Not classifiable	
d-Limonene (5989-27-5)		
IARC group	3 - Not classifiable	
Eugenol (97-53-0)		
IARC group	3 - Not classifiable	
Reproductive toxicity : Not classified		

Product: WINTER WONDERLAND FRAGRANCE

STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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):

Not classified

Vertenex (32210-23-4)

LC50 - Fish [1]	8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [ser
-----------------	---

Cuminic aldehyde (122-03-2)

LC50 - Fish [1]	6.62 mg/l (Exposure time: 96 h - Species: Pimephales prome through])
-----------------	---

d-Limonene (5989-27-5)

LC50 - Fish [1]	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimepha [flow-through])
-----------------	---

LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus myki
-----------------	---

Aldehyde C-16 (77-83-8)

LC50 - Fish [1]	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus myki static])
-----------------	--

Linalyl acetate (115-95-7)

LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flov
-----------------	---

Linalool (78-70-6)

EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodemus subspicatus)
----------------------	---

Eugenol (97-53-0)

LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-sta
-----------------	---

12.2 Persistence and degradability:

Eucalyptus oil (8000-48-4)

Persistence and degradability	Not established.
-------------------------------	------------------



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

12.3 Bioaccumulative potential:	
Cinnamic aldehyde (104-55-2)	
Partition coefficient n-octanol/water (Log Pow)	2.22 (at 18 °C)
Eucalyptus oil (8000-48-4)	
Bioaccumulative potential	Not established.
12.4 Mobility in soil:	No additional information available
12.5 Results of PBT and vPvB assessment:	No additional information available
12.6 Other adverse effects:	Avoid release to the environment

13. DISPOSAL CONDITIONS

13.1 Waste treatment methods:

Dispose of contents/container in accordance with licensed collector's sorting instructions.

14. TRANSPORT INFORMATION

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

14.1. UN number or ID number

UN-No. (ADR) : UN 3082
UN-No. (IMDG) : UN 3082
UN-No. (IATA) : UN 3082
UN-No. (ADN) : UN 3082
UN-No. (RID) : UN 3082

14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.
Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-Limonene), 9, III
Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-Limonene), 9, III, MARINE POLLUTANT
Transport document description (IATA) : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (d-Limonene), 9, III
Transport document description (ADN) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
Transport document description (RID) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

Product: WINTER WONDERLAND FRAGRANCE

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 9

Danger labels (ADR) : 9

:



IMDG

Transport hazard class(es) (IMDG) : 9

Danger labels (IMDG) : 9

:



IATA

Transport hazard class(es) (IATA) : 9

Danger labels (IATA) : 9

:

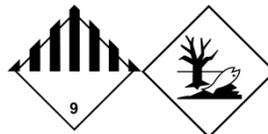


ADN

Transport hazard class(es) (ADN) : 9

Danger labels (ADN) : 9

:



RID

Transport hazard class(es) (RID) : 9

Danger labels (RID) : 9

:





SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

<p>14.4. Packing group Packing group (ADR) : III Packing group (IMDG) : III Packing group (IATA) : III Packing group (ADN) : III Packing group (RID) : III</p>
<p>14.5. Environmental hazards Dangerous for the environment : Yes Marine pollutant : Yes Other information : No supplementary information available</p>
<p>14.6 Special precautions for the user</p> <p>Overland transport Classification code (ADR): M6 Special provisions (ADR) : 274, 335, 375, 601 Limited quantities (ADR) : 5l Excepted quantities (ADR) : E1 Packing instructions (ADR) : P001, IBC03, LP01, R001 Special packing provisions (ADR) : PP1 Mixed packing provisions (ADR) : MP19 Portable tank and bulk container instructions (ADR) : T4</p> <p>Portable tank and bulk container special provisions (ADR): TP1, TP29</p> <p>Tank code (ADR): LGBV Vehicle for tank carriage : AT Transport category (ADR): 3 Special provisions for carriage - Packages (ADR) : V12</p> <p>Special provisions for carriage - Loading, unloading and handling (ADR) : CV13</p> <p>Hazard identification number (Kemler No.): 90 Orange plates : </p> <p>Transport by sea Special provisions (IMDG) : 274, 335, 969 Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1 Packing instructions (IMDG) : P001, LP01 Special packing provisions (IMDG) : PP1 IBC packing instructions (IMDG) : IBC03 Tank instructions (IMDG) : T4 Tank special provisions (IMDG) : TP2, TP29 EmS-No. (Fire) : F-A EmS-No. (Spillage) : S-F Stowage category (IMDG) : A</p> <p>Air transport PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) : Y964 PCA limited quantity max net quantity (IATA) : 30kgG PCA packing instructions (IATA) : 964 PCA max net quantity (IATA) : 450L CAO packing instructions (IATA) : 964</p>



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

CAO max net quantity (IATA) : 450L
Special provisions (IATA) : A97, A158, A197
ERG code (IATA) : 9L

Inland waterway transport
Classification code (ADN) : M6
Special provisions (ADN) : 274, 335, 375, 601
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP
Number of blue cones/lights (ADN) : 0

Rail transport
Classification code (RID) : M6
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 (RID): TP1, TP29

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 Carriage of bulk cargo by sea in accordance with IMO instruments

Not applicable

15. REGULATORY INFORMATION

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

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

15.1. 1 EU-Regulations	
REACH Annex XVII (Restriction List)	
EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
3(a)	Isoamyl acetate ; d-Limonene ; Cedar leaf oil ; Lemon oil ; Fir Needle oil, Siberian ; Eucalyptus oil
3(b)	Winter Wonderland ; Triplal (Vertocitral) ; Vertenex ; Cuminic aldehyde ; acetyl cedrene ; d-Limonene ; Aldehyde C-16 ; Cedar leaf oil ; Linalyl acetate ; Linalool ; alpha-Methylcinnamic aldehyde ; Cinnamic aldehyde ; Clove leaf oil ; Lemon oil ; Eugenol ; beta-Caryophyllene ; Fir Needle oil, Siberian ; Eucalyptus oil
3(c)	Winter Wonderland: Triplal (Vertocitral) ; Ethylene brassylate ; acetyl cedrene ; d-Limonene ; Aldehyde C-16 ; Cedar leaf oil ; Cinnamic aldehyde ; Lemon oil ; beta-Caryophyllene ; Fir Needle oil, Siberian ; Eucalyptus oil
40.	Isoamyl acetate ; d-Limonene ; Cedar leaf oil ; Lemon oil ; Fir Needle oil, Siberian ; Eucalyptus oil
<p>Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances</p> <p>Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.</p> <p>Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants</p>	
15.1. 2 Regulation (EC) No 1907/2006 (REACH)	
Germany	
Employment restrictions	: Observe restrictions according Act on the Protection of Working Mothers (MuSchG) Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)
Water hazard class (WGK)	: WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1) Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
List of sensitizing substances (TRGS 907)	: Contains sensitizing substances according TRGS 907
Netherlands	
SZW-lijst van kankerverwekkende stoffen	: Triplal (Vertocitral),Lemon oil ,Eucalyptus oil are listed
SZW-lijst van mutagene stoffen	: Triplal (Vertocitral),Lemon oil ,Eucalyptus oil 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

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

<p>Danish National Regulations : Young people below the age of 18 years are not allowed to use the product</p> <p>Pregnant/breastfeeding women working with the product must not be in direct contact with the product</p>
<p>15.2 Chemical safety assessment</p> <p style="text-align: center;">No chemical safety assessment has been carried out</p>

16. Other information	
Full text of H- and EUH-statements	
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 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
H226	Flammable liquid and vapour.
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.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.



SAFETY DATA SHEET

Page 24 of 24

Last Update: 22.09.21

In accordance with REACH Regulation EC No.1907/2006

Product: WINTER WONDERLAND FRAGRANCE

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.	
H413	May cause long lasting harmful effects to aquatic life.	

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.