Serviroscent Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of Issue: 07/12/2017 Version: 1.0

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

1.1. Product identifier

Product Form Product Name : Mixture

: Enviroscent™ Onyx Night; Enviroscent™ Black Night

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

1.2.1. Relevant identified uses Use of the substance/mixture

: Consumer packaged goods.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Company

Enviroscent 4600 Roswell Road Suite D-210 Atlanta, GA 30342 T 866-435-1832 EHS@enviroscent.com www.enviroscent.com

1.4. Emergency telephone number

Emergency number : 866-435-1832 (Office Hours 8:30-17:30 EST)

SECTION 2: Hazards identification

SECTION ET HAZATAS MACH	
2.1. Classification of the sub	ostance or mixture
Classification According to Regula	tion (EC) No. 1272/2008 [CLP]
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Aquatic Chronic 3	H412
Full text of hazard classes and H-st	atements : 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 [CLF	2
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Hazard pictograms (CLP)	:
	K

	GH507
Signal word (CLP)	: Warning
Hazard statements (CLP)	: H315 - Causes skin irritation.
	H317 - May cause an allergic skin reaction.
	H319 - Causes serious eye irritation.
	H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P261 - Avoid breathing dust.
	P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
	P272 - Contaminated work clothing should not be allowed out of the workplace.
	P273 - Avoid release to the environment.
	P280 - Wear protective gloves, protective clothing, and eye protection.
	P302+P352 - IF ON SKIN: Wash with plenty of water.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.
	Remove contact lenses, if present and easy to do. Continue rinsing.
	P321 - Specific treatment (see section 4 on this SDS).
	P332+P313 - If skin irritation occurs: Get medical advice/attention.
	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
	P337+P313 - If eye irritation persists: Get medical advice/attention.

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P362+P364 - Take off contaminated clothing and wash it before reuse. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Other hazards not contributing to the classification

: Exposure may aggravate pre-existing eye, skin, or respiratory conditions. Due to the product's final form, combustible dusts are not likely to be generated. If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification According to Regulation (EC) No. 1272/2008 [CLP]
Pulp, cellulose	(CAS-No.) 65996-61-4 (EC-No.) 265-995-8	54 - 89	Not classified
Benzyl alcohol	(CAS-No.) 100-51-6 (EC-No.) 202-859-9 (EC Index-No.) 603- 057-00-5	4 - 27,5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2, H319
7-Octen-2-ol, 2,6-dimethyl-	(CAS-No.) 18479-58-8 (EC-No.) 242-362-4	2 - 16,5	Skin Irrit. 2, H315 Eye Irrit. 2, H319
1,4-Dioxacycloheptadecane-5,17-dione	(CAS-No.) 105-95-3 (EC-No.) 203-347-8	0,5 - 5,5	Not classified
Oils, patchouli	(CAS-No.) 8014-09-3 (EC-No.) 616-944-7	0,2 - 2,75	Asp. Tox. 1, H304
Linalool	(CAS-No.) 78-70-6 (EC-No.) 201-134-4 (EC Index-No.) 603- 235-00-2	0,2 - 2,75	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Cyclopentaneacetic acid, 3-oxo-2-pentyl-, methyl ester	(CAS-No.) 24851-98-7 (EC-No.) 246-495-9	0,2 - 2,75	Not classified
Cyclohexanepropanol, 2,2,6-trimethylalpha propyl-	(CAS-No.) 70788-30-6 (EC-No.) 274-892-7	0,2 - 2,75	Skin Sens. 1B, H317
1H-3a,7-Methanoazulene, octahydro-6- methoxy-3,6,8,8-tetramethyl-, [3R- (3.alpha.,3a.beta.,6.beta.,7.beta.,8a.alpha.)]-	(CAS-No.) 19870-74-7 (EC-No.) 243-384-7	0,2 - 2,75	Not classified
3-Cyclohexene-1-carboxaldehyde, 4-(4- hydroxy-4-methylpentyl)-	(CAS-No.) 31906-04-4 (EC-No.) 250-863-4 (EC Index-No.) 605- 040-00-8	0,2 - 2,75	Skin Sens. 1A, H317
Linalyl acetate	(CAS-No.) 115-95-7 (EC-No.) 204-116-4	0,1 - 1,1	Skin Irrit. 2, H315 Eye Irrit. 2, H319
1,3-Benzodioxole-5-propanal, .alphamethyl-	(CAS-No.) 1205-17-0 (EC-No.) 214-881-6	0,1 - 1,1	Skin Sens. 1, H317 Aquatic Chronic 2, H411
4H-Inden-4-one, 1,2,3,5,6,7-hexahydro- 1,1,2,3,3-pentamethyl-	(CAS-No.) 33704-61-9 (EC-No.) 251-649-3	0,01 - 0,55	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Coumarin	(CAS-No.) 91-64-5 (EC-No.) 202-086-7	0,01 - 0,55	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification According to Regulation (EC) No. 1272/2008 [CLP]
Eugenol	(CAS-No.) 97-53-0 (EC-No.) 202-589-1	0,01 - 0,55	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Geranyl acetate	(CAS-No.) 105-87-3 (EC-No.) 203-341-5	0,01 - 0,55	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412
2-Buten-1-one, 1-(2,6,6-trimethyl-3- cyclohexen-1-yl)-	(CAS-No.) 57378-68-4 (EC-No.) 260-709-8	0,01 - 0,55	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Oils, petitgrain	(CAS-No.) 8014-17-3 (EC-No.) 616-946-8	0,01 - 0,55	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl- 8-methylene-, [1R-(1R*,4E,9S*)]-	(CAS-No.) 87-44-5 (EC-No.) 201-746-1	0,01 - 0,55	Skin Sens. 1B, H317 Asp. Tox. 1, H304
Terpenes and Terpenoids, citrus-oil	(CAS-No.) 68608-34-4	0,01 - 0,55	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2,6-Octadien-1-ol, 3,7-dimethyl-, acetate, (Z)-	(CAS-No.) 141-12-8 (EC-No.) 205-459-2	0,01 - 0,55	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
1,8-Cineol	(CAS-No.) 470-82-6 (EC-No.) 207-431-5	0,01 - 0,55	Flam. Liq. 3, H226 Skin Sens. 1B, H317
3-Cyclohexene-1-carboxaldehyde, dimethyl-	(CAS-No.) 68737-61-1 (EC-No.) 272-113-5	0,01 - 0,55	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Maltodextrin	(CAS-No.) 9050-36-6 (EC-No.) 232-940-4	0,5	Not classified
Silica, amorphous	(CAS-No.) 7631-86-9 (EC-No.) 231-545-4	0,5	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid meas	sures
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	: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.
4.2. Most important symptoms	and effects, both acute and delayed
Symptoms/effects	: Causes serious eye irritation. Causes skin irritation. Skin sensitisation.
Symptoms/effects after inhalation	: Prolonged exposure may cause irritation.
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Symptoms/effects after skin contact	: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Contact causes severe irritation with redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: Not expected to be a primary route of exposure. Ingestion may cause adverse effects.
Chronic symptoms	: None known.
4.3. Indication of any immediate	medical attention and special treatment needed
-	ice and attention. If medical advice is needed, have product container or label at hand.
SECTION 5: Firefighting meas	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray, dry chemical, foam, carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream. Use of heavy stream of water may spread fire.
5.2. Special hazards arising from	the substance or mixture
Fire hazard	: Not considered flammable but may burn at high temperatures.
Explosion hazard	: Product is not explosive. If excessive dust is generated from processing, it may present a dust explosion hazard when dispersed in air at sufficient quantities in the
	presence of an ignition source.
Reactivity	: Hazardous reactions will not occur under normal conditions.
Hazardous decomposition products in	: Carbon oxides (CO, CO ₂). Nitrogen oxides. Irritating fumes. Organic compounds.
case of fire	Aldehydes. Acetaldehyde.
5.3. Advice for firefighters	
Precautionary measures fire	: Exercise caution when fighting any chemical fire.
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Remove containers from
	fire area if this can be done without risk. Do not breathe fumes from fires or
Desta stis a dunia s finafishtis s	vapours from decomposition.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory
Other information	protection. : Do not allow run-off from fire fighting to enter drains or water courses.
SECTION 6: Accidental releas 6.1. Personal precautions, protect	
General measures	tive equipment and emergency procedures : Avoid breathing dust. Do not get in eyes, on skin, or on clothing.
6.1.1. For non-emergency personnel	. Avoid breathing dust. Do not get in eyes, on skin, or on clothing.
Protective equipment	: Use appropriate personal protective equipment (PPE).
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area. Upon arrival at the scene, a first responder is expected to recognize
	the presence of dangerous goods, protect oneself and the public, secure the area,
	and call for the assistance of trained personnel as soon as conditions permit.
6.2. Environmental precautions	
Prevent entry to sewers and public water	rs. Avoid release to the environment.
6.3. Methods and material for co	
For containment	: Contain solid spills with appropriate barriers and prevent migration and entry into
	sewers or streams.
Methods for cleaning up	: Clean up spills immediately and dispose of waste safely. Avoid generation of dust
	during clean-up of spills. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact
	competent authorities after a spill.
6.4. Reference to other sections	
	personal protection and Section 13 for disposal considerations.
SECTION 7: Handling and sto	
7.1 Precautions for safe handling	

7.1. Precautions for safe handling

	5
Additional hazards when processed	: If processed in such a way that dust may be generated, may present a dust
	explosion hazard in air.

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Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing dust. Avoid contact with skin, eyes and clothing. Use appropriate personal protective equipment (PPE).
Hygiene measures	 Handle in accordance with good industrial hygiene and safety procedures. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, in	cluding any incompatibilities
Technical measures	: Comply with applicable regulations.
Storage conditions	: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible materials	: Strong acids, strong bases, strong oxidizers. Reducing agents. Strong mineral acids. Alkalis. Materials that react with oxygenated terpenes. Direct sunlight.

7.3. Specific end use(s)

Consumer packaged goods.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Silica, amorphous (7631-86-9)		
Austria	MAK (mg/m³)	4 mg/m ³ (also Silica manufactured through wet process-inhalable fraction)
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	4 mg/m ³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
Latvia	OEL TWA (mg/m³)	1 mg/m ³
Switzerland	MAK (mg/m³)	4 mg/m ³ (inhalable dust, also manufactured in wet processing)
United Kingdom	WEL TWA (mg/m³)	6 mg/m ³ (inhalable dust) 2,4 mg/m ³ (respirable dust)
United Kingdom	WEL STEL (mg/m ³)	18 mg/m ³ (calculated-inhalable dust) 7,2 mg/m ³ (calculated-respirable dust)
Czech Republic	Expoziční limity (PEL) (mg/m ³)	0,1 mg/m ³ (respirable fraction) 4 mg/m ³
Estonia	OEL TWA (mg/m ³)	2 mg/m ³ (respirable dust)
Finland	HTP-arvo (8h) (mg/m ³)	5 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	6 mg/m ³ (total inhalable dust) 2,4 mg/m ³ (respirable dust)
Ireland	OEL (15 min ref) (mg/m3)	18 mg/m ³ (calculated-total inhalable dust) 7,2 mg/m ³ (calculated-respirable dust)
Norway	Grenseverdier (AN) (mg/m ³)	1,5 mg/m ³ (respirable dust)
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	1,5 mg/m ³ (value calculated-respirable dust)
Slovakia	NPHV (priemerná) (mg/m³)	4 mg/m ³ (total aerosol)
Slovenia	OEL TWA (mg/m³)	0,3 mg/m ³ (respirable fraction, fume)
Benzyl alcohol (100-51-6)		
Bulgaria	OEL TWA (mg/m ³)	5 mg/m ³
Latvia	OEL TWA (mg/m³)	5 mg/m ³
Czech Republic	Expoziční limity (PEL) (mg/m ³)	40 mg/m ³
Finland	HTP-arvo (8h) (mg/m ³)	45 mg/m ³
Finland	HTP-arvo (8h) (ppm)	10 ppm
Lithuania	IPRV (mg/m ³)	5 mg/m ³
Lithuania	OEL chemical category (LT)	Skin notation
Poland	NDS (mg/m ³)	240 mg/m ³

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8.2. Exposure controls	
Appropriate engineering controls	 Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
Personal protective equipment	: Gloves. Protective clothing. Protective goggles.
Materials for protective clothing	: Chemically resistant materials and fabrics.
Hand protection	: Wear protective gloves.
Eye and Face Protection	: Chemical safety goggles.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: If exposure limits are exceeded or irritation is experienced, approved respiratory
	protection should be worn. In case of inadequate ventilation, oxygen deficient
	atmosphere, or where exposure levels are not known wear approved respiratory
Environmental experience controls	protection. : Avoid release to the environment.
Environmental exposure controls Other information	: When using, do not eat, drink or smoke.
SECTION 9: Physical and chen	
9.1. Information on basic physical Physical state	: Solid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Evapouration rate	: No data available
Melting point	: No data available
	: No data available
Freezing point Boiling point	: No data available
Flash point	: No data available
	: No data available
Auto-ignition temperature Decomposition temperature	: No data available
	: No data available
Flammability (solid, gas)	
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity	: No data available
Explosive properties	: No data available

: No data available

: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Oxidising properties

Explosive limits

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials. Moisture.

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10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers. Reducing agents. Strong mineral acids. Alkalis. Materials that react with oxygenated terpenes. Direct sunlight.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

: Not classified (Based on available data, the classification criteria are not met)

Silica, amorphous (7631-86-9)			
LD50 oral rat	> 5000 mg/kg		
LD50 dermal rabbit	> 2000 mg/kg		
Benzyl alcohol (100-51-6)			
LD50 oral rat	1230 mg/kg		
LD50 dermal rabbit	> 2000 mg/kg		
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 4,178 mg/l/4h		
ATE CLP (dust,mist)	1,50 mg/l/4h		
7-Octen-2-ol, 2,6-dimethyl- (18479-58-8)			
LD50 oral rat	3600 mg/kg		
LD50 dermal rabbit	> 5 g/kg		
Oils, patchouli (8014-09-3)			
LD50 oral rat	> 5 g/kg		
LD50 dermal rabbit	> 5 g/kg		
Linalool (78-70-6)			
LD50 oral rat	2790 mg/kg		
Cyclopentaneacetic acid, 3-oxo-2-pentyl-,	methyl ester (24851-98-7)		
LD50 oral rat	> 5 g/kg		
3-Cyclohexene-1-carboxaldehyde, 4-(4-hyd	droxy-4-methylpentyl)- (31906-04-4)		
LD50 oral rat	3250 μl/kg		
LD50 dermal rabbit	> 5000 mg/kg		
Linalyl acetate (115-95-7)			
LD50 oral rat	14550 mg/kg		
LD50 dermal rabbit	> 5000 mg/kg		
Coumarin (91-64-5)			
LD50 oral rat	293 mg/kg		
LD50 oral	520 mg/kg		
LD50 dermal rat	> 2000 mg/kg		
Eugenol (97-53-0)			
LD50 oral rat	1930 mg/kg		
Geranyl acetate (105-87-3)			
LD50 oral rat	6330 mg/kg		
2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)- (57378-68-4)			
ATE CLP (oral)	500,00 mg/kg bodyweight		
Oils, petitgrain (8014-17-3)			
LD50 oral rat	> 5 g/kg		
2,6-Octadien-1-ol, 3,7-dimethyl-, acetate, (Z)- (141-12-8)			
LD50 oral rat	> 5 g/kg		

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According to Regulation (EC) No. 1907/2006 (REACH) Wit	
1,8-Cineol (470-82-6)	x
LD50 oral rat	2480 mg/kg
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	 Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not
Silica, amorphous (7631-86-9)	met)
IARC group	3
Coumarin (91-64-5)	
IARC group	3
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
Eugenol (97-53-0)	
IARC group	3
	 S Not classified (Based on available data, the classification criteria are not
Reproductive toxicity	met)
STOT-single exposure	 Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Symptoms/Injuries After Inhalation	: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact	: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.
Symptoms/Injuries After Eye Contact	 Contact causes severe irritation with redness and swelling of the conjunctiva.
Symptoms/Injuries After Ingestion	: Not expected to be a primary route of exposure. Ingestion may cause adverse effects.
Chronic Symptoms	: None known.
Potential adverse human health effects and	: Based on available data, the classification criteria are not met.
symptoms	
SECTION 12: Ecological information	ation
12.1. Toxicity	
0, 0	: Harmful to aquatic life with long lasting effects.
Silica, amorphous (7631-86-9)	
LC50 fish 1	5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia)
Benzyl alcohol (100-51-6)	
LC50 fish 1	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	23 mg/l (Exposure time: 48 h - Species: water flea)
LC50 fish 2	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
ErC50 (algae)	770 mg/l
7-Octen-2-ol, 2,6-dimethyl- (18479-58-8)	
LC50 fish 1	27,8 mg/l (Exposure time: 96 h - Species: Oncorrhynchus mykiss [static])
NOEC chronic crustacea	9,5 mg/l
Linalool (78-70-6)	
LC50 fish 1	27,8 mg/l
EC50 Daphnia 1	20 mg/l (Exposure time: 48 h - Species: Daphnia magna)
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5,6 mg/l
·
6 mg/l
1,5 mg/l (Exposure time: 48 h - Species: Daphnia magna [static])
10 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus [static])
<u>.</u>
13,5 mg/l
24 mg/l
95,4 - 109 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow- through])
thyl- (1205-17-0)
5,3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
8,3 mg/l (Exposure time: 96 h - Species: Daphnia magna)
Black Night
May cause long-term adverse effects in the environment.
Black Night
Not established.
(no bioaccumulation expected)
1,1
3,47 estimated
2,84 - 3,1 (at 25 °C)
sment
: Avoid release to the environment.
: Avoid release to the environment. rations
rations
rations Dispose of contents/container in accordance with local, regional, national, and
rations

SECTION 14: Transport information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued. In accordance with ADR / RID / IMDG / IATA / ADN

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ADR		IMDG	ΙΑΤΑ	ADN	RID
14.1.	UN number				
Not reg	gulated for transpo	ort			
14.2.	14.2. UN proper shipping name				
Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)					
Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group					
Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards					
Danger	ous for the	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the
enviror	nment : No	environment : No	environment : No	environment : No	environment : No
		Marine pollutant : No			

14.6. Special precautions for user

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

e tollowing restrictions are applicable according to Annex Avii of th	The REACH Regulation (EC) NO 1307/2000.
3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Benzyl alcohol - 7-Octen-2-ol, 2,6-dimethyl Eugenol - Geranyl acetate
3(a) 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	Terpenes and Terpenoids, citrus-oil - 1,8-Cineol
3(b) 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	Benzyl alcohol - 7-Octen-2-ol, 2,6-dimethyl Oils, patchouli - Linalool - Cyclohexanepropanol, 2,2,6-trimethylalpha propyl Linalyl acetate - Eugenol - Geranyl acetate - 2- Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl) Oils, petitgrain - Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8- methylene-, [1R-(1R*,4E,9S*)] Terpenes and Terpenoids, citrus-oil - 2,6-Octadien-1-ol, 3,7-dimethyl-, acetate, (Z) 1,8-Cineol - 3-Cyclohexene-1-carboxaldehyde, dimethyl- 1,3-Benzodioxole-5-propanal, .alphamethyl-
3(c) 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	Eugenol - Geranyl acetate - 2-Buten-1-one, 1-(2,6,6- trimethyl-3-cyclohexen-1-yl) Oils, petitgrain - Terpenes and Terpenoids, citrus-oil - 2,6-Octadien-1-ol, 3,7-dimethyl- , acetate, (Z) 3-Cyclohexene-1-carboxaldehyde, dimethyl- - 1,3-Benzodioxole-5-propanal, .alphamethyl-

Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

Pulp, cellulose (65996-61-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Maltodextrin (9050-36-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Silica, amorphous (7631-86-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

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According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Benzyl alcohol (100-51-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
7-Octen-2-ol, 2,6-dimethyl- (18479-58-8)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
1,4-Dioxacycloheptadecane-5,17-dione (105-95-3)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Linalool (78-70-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Cyclopentaneacetic acid, 3-oxo-2-pentyl-, methyl ester (24851-98-7)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Cyclohexanepropanol, 2,2,6-trimethylalphapropyl- (70788-30-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
1H-3a,7-Methanoazulene, octahydro-6-methoxy-3,6,8,8-tetramethyl-, [3R-(3.alpha.,3a.beta.,6.beta.,7.beta.,8a.alpha.)]-
(19870-74-7)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4-methylpentyl)- (31906-04-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Linalyl acetate (115-95-7)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
4H-Inden-4-one, 1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl- (33704-61-9)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Coumarin (91-64-5)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Eugenol (97-53-0)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Geranyl acetate (105-87-3)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)- (57378-68-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R*,4E,9S*)]- (87-44-5)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
2,6-Octadien-1-ol, 3,7-dimethyl-, acetate, (Z)- (141-12-8)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
1,8-Cineol (470-82-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
3-Cyclohexene-1-carboxaldehyde, dimethyl- (68737-61-1)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
1,3-Benzodioxole-5-propanal, .alphamethyl- (1205-17-0)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
15.1.2. National regulations
No additional information available
15.2. Chemical safety assessment
No chemical safety assessment has been carried out
SECTION 16: Other information

SECTION 16: Other information

Date of Preparation or Latest Revision Data sources	: 07/12/2017 : Information and data obtained and used in the authoring of this safety data sheet
	could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.
Other information	: According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Full Text of H- and EUH-statements:	

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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
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
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B
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.
H318	Causes serious eye damage
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
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.

Indication of Changes No additional information available

Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists ADN – European Agreement Concerning the International Carriage of	MARPOL - International Convention for the Prevention of Pollution NDS - Najwyzsze Dopuszczalne Stezenie
Dangerous Goods by Inland Waterways	NDSCh - Najwyzsze Dopuszczalne Stezenie NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe
ADR - European Agreement Concerning the International Carriage of	NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe
Dangerous Goods by Road	NOAEL - No-Observed Adverse Effect Level
ATE - Acute Toxicity Estimate	NOEC - No-Observed Effect Concentration
BCF - Bioconcentration Factor	NRD - Nevirsytinas Ribinis Dydis
BEI - Biological Exposure Indices (BEI)	NTP – National Toxicology Program
BOD – Biochemical Oxygen Demand	OEL - Occupational Exposure Limits
CAS No Chemical Abstracts Service Number	PBT - Persistent, Bioaccumulative and Toxic
CLP – Classification, Labeling and Packaging Regulation (EC) No 1272/2008	PEL - Permissible Exposure Limit
COD – Chemical Oxygen Demand	pH – Potential Hydrogen
EC – European Community	REACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals
EC50 - Median Effective Concentration	RID – Regulations Concerning the International Carriage of Dangerous Goods
EEC – European Economic Community	by Rail
EINECS – European Inventory of Existing Commercial Chemical Substances	SADT - Self Accelerating Decomposition Temperature
EmS-No. (Fire) - IMDG Emergency Schedule Fire	SDS - Safety Data Sheet
EmS-No. (Spillage) - IMDG Emergency Schedule Spillage	STEL - Short Term Exposure Limit
EU – European Union	TA-Luft - Technische Anleitung zur Reinhaltung der Luft
ErC50 - EC50 in Terms of Reduction Growth Rate	TEL TRK – Technical Guidance Concentrations
GHS – Globally Harmonized System of Classification and Labeling of Chemicals	ThOD – Theoretical Oxygen Demand
IARC - International Agency for Research on Cancer	TLM - Median Tolerance Limit
IATA - International Air Transport Association	TLV - Threshold Limit Value
IBC Code - International Bulk Chemical Code	TPRD - Trumpalaikio Poveikio Ribinis Dydis
IMDG - International Maritime Dangerous Goods	TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von
IPRV - Ilgalaikio Poveikio Ribinis Dydis	Gefahrstoffen in ortsbeweglichen Behältern
IOELV – Indicative Occupational Exposure Limit Value	TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine
LC50 - Median Lethal Concentration	TRGS 900 - Technische Regel für Gefahrstoffe 900 – Arbeitsplatzgrenzwerte
LD50 - Median Lethal Dose	TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte
LOAEL - Lowest Observed Adverse Effect Level	TSCA - Toxic Substances Control Act
LOEC - Lowest-Observed-Effect Concentration	TWA - Time Weighted Average
Log Koc - Soil Organic Carbon-water Partitioning Coefficient	VOC – Volatile Organic Compounds
Log Kow - Octanol/water Partition Coefficient	VLA-EC - Valor Límite Ambiental Exposición de Corta Duración
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Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in	VLA-ED - Valor Límite Ambiental Exposición Diaria
a two-phase system consisting of two largely immiscible solvents, in this case	VLE – Valeur Limite D'exposition
octanol and water	VME – Valeur Limite De Moyenne Exposition
MAK – Maximum Workplace Concentration/Maximum Permissible	vPvB - Very Persistent and Very Bioaccumulative
Concentration	WEL – Workplace Exposure Limit
	WGK - Wassergefährdungsklasse

EU GHS SDS

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.