GRAND PERFUME LEMON

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: GRAND PERFUME LEMON

Other means of identification:

UFI: 5GH0-40FA-400J-UN4N

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

Relevant uses: Air freshener

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

MB ELIX sp. z oo sp.k.
ul. Skarżyńskiego 26
54-530 Wrocław - Poland
Phone: 0048 71 387 85 33 - Fax: 0048 71 722 29 68
lab@elix.pl
www.elixscent.com

1.4 Emergency telephone number: 0048 71 387 85 33 (8.00-16.00)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Skin Sens. 1B: Sensitisation, skin, Category 1B, H317

2.2 Label elements:

CLP Regulation (EC) No 1272/2008 (*Labelling of packages where the contents do not exceed 125 ml*)**:**

Warning

Hazard statements:

H317 - May cause an allergic skin reaction.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P501: Dispose of contents/container according to the separated collection system used in your municipality.

Supplementary information:

Contains 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, 3-(4-isobutyl-2-methylphenyl)propanal, 3-p-cumenyl-2-methylpropionaldehyde, citral, citronellal, citronellol, geraniol, isoeugenol, linalool, nerol, p-mentha-1,4(8)-diene.

UFI: 5GH0-40FA-400J-UN4N

2.3 Other hazards:

Product fails to meet PBT/vPvB criteria
Endocrine-disrupting properties: The product fails to meet the criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of chemical products

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS: 34590-94-8 EC: 252-104-2 Index: Non-applicable REACH: 01-2119450011-60-XXXX	**Dipropylene Glycol Methyl Ether(1)**	Not classified	**7,5 - <10 %**
	Regulation 1272/2008		
CAS: 18479-58-8 EC: 242-362-4 Index: Non-applicable REACH: 01-2119457274-37-XXXX	**2,6-dimethyloct-7-en-2-ol(2)**	Self-classified	**1 - <2 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning	
CAS: 88-41-5 EC: 201-828-7 Index: Non-applicable REACH: 01-2119970713-33	**2-tert-butylcyclohexyl acetate(2)**	Self-classified	**1 - <2 %**
	Regulation 1272/2008	Aquatic Chronic 2: H411	
CAS: 61792-11-8 EC: 263-214-5 Index: Non-applicable REACH: 01-2119967769-11-XXXX	**3,7-dimethylnona-2,6-dienenitrile(2)**	Self-classified	**1 - <2 %**
	Regulation 1272/2008	Aquatic Chronic 2: H411	
CAS: 78-70-6 EC: 201-134-4 Index: Non-applicable REACH: 01-2119474016-42	**Linalool(2)**	Self-classified	**1 - <2 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 106-22-9 EC: 203-375-0 Index: Non-applicable REACH: 01-2119453995-23	**Citronellol(2)**	Self-classified	**0,75 - <1 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 101-84-8 EC: 202-981-2 Index: Non-applicable REACH: 01-2119472545-33-XXXX	**Diphenyl ether(2)**	Self-classified	**0,5 - <0,75 %**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Eye Irrit. 2: H319 - Warning	
CAS: 5392-40-5 EC: 226-394-6 Index: Non-applicable REACH: 01-2119462829-23	**Citral(2)**	Self-classified	**0,25 - <0,5 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	
CAS: 106-24-1 EC: 203-377-1 Index: 603-241-00-5 REACH: 01-2119552430-49-XXXX	**Geraniol(2)**	Self-classified	**0,25 - <0,5 %**
	Regulation 1272/2008	Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	
CAS: 67634-00-8 EC: 266-803-5 Index: Non-applicable REACH: 01-2120795456-39-XXXX	**Allyl (3-methylbutoxy)acetate(2)**	Self-classified	**0,25 - <0,5 %**
	Regulation 1272/2008	Acute Tox. 1: H330; Acute Tox. 4: H302+H312; Aquatic Acute 1: H400 - Danger	
CAS: 586-62-9 EC: 209-578-0 Index: Non-applicable REACH: 01-2119982324-34	**p-mentha-1,4(8)-diene(2)**	Self-classified	**0,1 - <0,25 %**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Skin Sens. 1B: H317 - Danger	
CAS: 68039-49-6 EC: 268-264-1 Index: Non-applicable REACH: 01-2119982384-28	**2,4-dimethylcyclohex-3-ene-1-carbaldehyde(2)**	Self-classified	**0,1 - <0,25 %**
	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 106-23-0 EC: 203-376-6 Index: Non-applicable REACH: 01-2119474900-37	**Citronellal(2)**	Self-classified	**0,1 - <0,25 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 68526-86-3 EC: 271-235-6 Index: Non-applicable REACH: 01-2119454259-32-XXXX	**Alcohols, C11-14-iso-, C13-rich(2)**	Self-classified	**0,1 - <0,25 %**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315 - Warning	
CAS: 106-25-2 EC: 203-378-7 Index: Non-applicable REACH: 01-2119983244-33-XXXX	**Nerol(2)**	Self-classified	**0,1 - <0,25 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	

(1) Substance with a Union workplace exposure limit
(2) Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Chemical name/Classification		Concentration
CAS: 1637294-12-2 EC: 811-285-3 Index: Non-applicable REACH: 01-2120103156-71	**3-(4-isobutyl-2-methylphenyl)propanal[2]**	Self-classified	**0,1 - <0,25 %**
	Regulation 1272/2008	Acute Tox. 4: H332; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 103-95-7 EC: 203-161-7 Index: Non-applicable REACH: 01-2119970582-32	**3-p-cumenyl-2-methylpropionaldehyde[2]**	Self-classified	**0,1 - <0,25 %**
	Regulation 1272/2008	Aquatic Chronic 3: H412; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 57378-68-4 EC: 260-709-8 Index: Non-applicable REACH: 01-2119535122-53	**1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one[2]**	Self-classified	**0,01 - <0,1 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Warning	
CAS: 97-54-1 EC: 202-590-7 Index: Non-applicable REACH: 01-2120223682-61	**Isoeugenol[2]**	Self-classified	**<0,01 %**
	Regulation 1272/2008	Acute Tox. 4: H302+H312+H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: H317; STOT SE 3: H335 - Warning	

[1] Substance with a Union workplace exposure limit
[2] Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

Identification	Specific concentration limit
Isoeugenol CAS: 97-54-1 EC: 202-590-7	% (w/w) >=0,01: Skin Sens. 1A - H317

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters,…), seek medical advice with this Safety Data Sheet

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

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SECTION 5: FIREFIGHTING MEASURES (continued)

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and destroy using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Due to its inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Preferably use aspiration for cleaning. Given the danger of the product by inhalation, any cleaning method that involves exposure to the product in this way (sweeping, etc.) is not recommended

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 5 ºC

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SECTION 7: HANDLING AND STORAGE (continued)

Maximum Temp.: 35 ºC

Maximum time: 36 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC,Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits		
Dipropylene Glycol Methyl Ether	IOELV (8h)	50 ppm	308 mg/m³
CAS: 34590-94-8 EC: 252-104-2	IOELV (STEL)		
Diphenyl ether	IOELV (8h)	1 ppm	7 mg/m³
CAS: 101-84-8 EC: 202-981-2	IOELV (STEL)	2 ppm	14 mg/m³

Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dipropylene Glycol Methyl Ether	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 34590-94-8	Dermal	Non-applicable	Non-applicable	283 mg/kg	Non-applicable
EC: 252-104-2	Inhalation	Non-applicable	Non-applicable	308 mg/m³	Non-applicable
2,6-dimethyloct-7-en-2-ol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 18479-58-8	Dermal	Non-applicable	Non-applicable	20,8 mg/kg	Non-applicable
EC: 242-362-4	Inhalation	Non-applicable	Non-applicable	73,5 mg/m³	Non-applicable
3,7-dimethylnona-2,6-dienenitrile	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 61792-11-8	Dermal	Non-applicable	Non-applicable	1,55 mg/kg	Non-applicable
EC: 263-214-5	Inhalation	Non-applicable	Non-applicable	5,48 mg/m³	Non-applicable
Linalool	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 78-70-6	Dermal	Non-applicable	Non-applicable	3,5 mg/kg	Non-applicable
EC: 201-134-4	Inhalation	Non-applicable	Non-applicable	24,58 mg/m³	Non-applicable
Citronellol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 106-22-9	Dermal	Non-applicable	Non-applicable	327,4 mg/kg	Non-applicable
EC: 203-375-0	Inhalation	Non-applicable	10 mg/m³	161,6 mg/m³	10 mg/m³
Diphenyl ether	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 101-84-8	Dermal	Non-applicable	Non-applicable	25 mg/kg	Non-applicable
EC: 202-981-2	Inhalation	Non-applicable	14 mg/m³	59 mg/m³	7 mg/m³
Citral	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 5392-40-5	Dermal	Non-applicable	Non-applicable	1,7 mg/kg	Non-applicable
EC: 226-394-6	Inhalation	Non-applicable	Non-applicable	9 mg/m³	Non-applicable
Geraniol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 106-24-1	Dermal	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
EC: 203-377-1	Inhalation	Non-applicable	Non-applicable	161,6 mg/m³	Non-applicable
Allyl (3-methylbutoxy)acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 67634-00-8	Dermal	Non-applicable	Non-applicable	1,4 mg/kg	Non-applicable
EC: 266-803-5	Inhalation	Non-applicable	Non-applicable	4,93 mg/m³	Non-applicable

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
p-mentha-1,4(8)-diene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 586-62-9	Dermal	Non-applicable	Non-applicable	0,52 mg/kg	Non-applicable
EC: 209-578-0	Inhalation	Non-applicable	Non-applicable	3,6 mg/m³	Non-applicable
Citronellal	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 106-23-0	Dermal	Non-applicable	Non-applicable	1,7 mg/kg	Non-applicable
EC: 203-376-6	Inhalation	Non-applicable	Non-applicable	9 mg/m³	Non-applicable
Nerol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 106-25-2	Dermal	Non-applicable	Non-applicable	1,25 mg/kg	Non-applicable
EC: 203-378-7	Inhalation	Non-applicable	Non-applicable	4,4 mg/m³	Non-applicable
3-(4-isobutyl-2-methylphenyl)propanal	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 1637294-12-2	Dermal	Non-applicable	Non-applicable	0,83 mg/kg	Non-applicable
EC: 811-285-3	Inhalation	Non-applicable	Non-applicable	2,47 mg/m³	Non-applicable
3-p-cumenyl-2-methylpropionaldehyde	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 103-95-7	Dermal	Non-applicable	Non-applicable	1,67 mg/kg	Non-applicable
EC: 203-161-7	Inhalation	Non-applicable	Non-applicable	5,83 mg/m³	Non-applicable

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dipropylene Glycol Methyl Ether	Oral	Non-applicable	Non-applicable	36 mg/kg	Non-applicable
CAS: 34590-94-8	Dermal	Non-applicable	Non-applicable	121 mg/kg	Non-applicable
EC: 252-104-2	Inhalation	Non-applicable	Non-applicable	37,2 mg/m³	Non-applicable
2,6-dimethyloct-7-en-2-ol	Oral	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
CAS: 18479-58-8	Dermal	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
EC: 242-362-4	Inhalation	Non-applicable	Non-applicable	21,7 mg/m³	Non-applicable
3,7-dimethylnona-2,6-dienenitrile	Oral	Non-applicable	Non-applicable	0,555 mg/kg	Non-applicable
CAS: 61792-11-8	Dermal	Non-applicable	Non-applicable	0,555 mg/kg	Non-applicable
EC: 263-214-5	Inhalation	Non-applicable	Non-applicable	0,966 mg/m³	Non-applicable
Linalool	Oral	Non-applicable	Non-applicable	2,49 mg/kg	Non-applicable
CAS: 78-70-6	Dermal	Non-applicable	Non-applicable	1,25 mg/kg	Non-applicable
EC: 201-134-4	Inhalation	Non-applicable	Non-applicable	4,33 mg/m³	Non-applicable
Citronellol	Oral	Non-applicable	Non-applicable	13,8 mg/kg	Non-applicable
CAS: 106-22-9	Dermal	Non-applicable	Non-applicable	196,4 mg/kg	Non-applicable
EC: 203-375-0	Inhalation	Non-applicable	10 mg/m³	47,8 mg/m³	10 mg/m³
Citral	Oral	Non-applicable	Non-applicable	0,6 mg/kg	Non-applicable
CAS: 5392-40-5	Dermal	Non-applicable	Non-applicable	1 mg/kg	Non-applicable
EC: 226-394-6	Inhalation	Non-applicable	Non-applicable	2,7 mg/m³	Non-applicable
Geraniol	Oral	Non-applicable	Non-applicable	13,75 mg/kg	Non-applicable
CAS: 106-24-1	Dermal	Non-applicable	Non-applicable	7,5 mg/kg	Non-applicable
EC: 203-377-1	Inhalation	Non-applicable	Non-applicable	47,8 mg/m³	Non-applicable
Allyl (3-methylbutoxy)acetate	Oral	Non-applicable	Non-applicable	0,5 mg/kg	Non-applicable
CAS: 67634-00-8	Dermal	Non-applicable	Non-applicable	0,5 mg/kg	Non-applicable
EC: 266-803-5	Inhalation	Non-applicable	Non-applicable	0,87 mg/m³	Non-applicable
p-mentha-1,4(8)-diene	Oral	Non-applicable	Non-applicable	0,26 mg/kg	Non-applicable
CAS: 586-62-9	Dermal	Non-applicable	Non-applicable	0,26 mg/kg	Non-applicable
EC: 209-578-0	Inhalation	Non-applicable	Non-applicable	0,9 mg/m³	Non-applicable
Citronellal	Oral	Non-applicable	Non-applicable	0,6 mg/kg	Non-applicable
CAS: 106-23-0	Dermal	Non-applicable	Non-applicable	1 mg/kg	Non-applicable
EC: 203-376-6	Inhalation	Non-applicable	Non-applicable	2,7 mg/m³	Non-applicable
Nerol	Oral	Non-applicable	Non-applicable	0,62 mg/kg	Non-applicable
CAS: 106-25-2	Dermal	Non-applicable	Non-applicable	0,62 mg/kg	Non-applicable
EC: 203-378-7	Inhalation	Non-applicable	Non-applicable	1,09 mg/m³	Non-applicable

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
3-(4-isobutyl-2-methylphenyl)propanal	Oral	Non-applicable	Non-applicable	0,25 mg/kg	Non-applicable
CAS: 1637294-12-2	Dermal	Non-applicable	Non-applicable	0,42 mg/kg	Non-applicable
EC: 811-285-3	Inhalation	Non-applicable	Non-applicable	0,435 mg/m³	Non-applicable
3-p-cumenyl-2-methylpropionaldehyde	Oral	Non-applicable	Non-applicable	0,83 mg/kg	Non-applicable
CAS: 103-95-7	Dermal	Non-applicable	Non-applicable	0,83 mg/kg	Non-applicable
EC: 203-161-7	Inhalation	Non-applicable	Non-applicable	1,45 mg/m³	Non-applicable

PNEC:

Identification				
Dipropylene Glycol Methyl Ether	STP	4168 mg/L	Fresh water	19 mg/L
CAS: 34590-94-8	Soil	2,74 mg/kg	Marine water	1,9 mg/L
EC: 252-104-2	Intermittent	190 mg/L	Sediment (Fresh water)	70,2 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	7,02 mg/kg
2,6-dimethyloct-7-en-2-ol	STP	10 mg/L	Fresh water	0,0278 mg/L
CAS: 18479-58-8	Soil	0,103 mg/kg	Marine water	0,00278 mg/L
EC: 242-362-4	Intermittent	0,278 mg/L	Sediment (Fresh water)	0,594 mg/kg
	Oral	0,111 g/kg	Sediment (Marine water)	0,059 mg/kg
3,7-dimethylnona-2,6-dienenitrile	STP	0,9 mg/L	Fresh water	0,002 mg/L
CAS: 61792-11-8	Soil	0,05 mg/kg	Marine water	0 mg/L
EC: 263-214-5	Intermittent	0,024 mg/L	Sediment (Fresh water)	0,248 mg/kg
	Oral	0,0247 g/kg	Sediment (Marine water)	0,025 mg/kg
Linalool	STP	10 mg/L	Fresh water	0,2 mg/L
CAS: 78-70-6	Soil	0,327 mg/kg	Marine water	0,02 mg/L
EC: 201-134-4	Intermittent	2 mg/L	Sediment (Fresh water)	2,22 mg/kg
	Oral	0,0078 g/kg	Sediment (Marine water)	0,222 mg/kg
Citronellol	STP	580 mg/L	Fresh water	0,002 mg/L
CAS: 106-22-9	Soil	0,004 mg/kg	Marine water	0 mg/L
EC: 203-375-0	Intermittent	0,024 mg/L	Sediment (Fresh water)	0,026 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,003 mg/kg
Diphenyl ether	STP	10 mg/L	Fresh water	0 mg/L
CAS: 101-84-8	Soil	0,018 mg/kg	Marine water	0 mg/L
EC: 202-981-2	Intermittent	0,005 mg/L	Sediment (Fresh water)	0,093 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,009 mg/kg
Citral	STP	1,6 mg/L	Fresh water	0,007 mg/L
CAS: 5392-40-5	Soil	0,021 mg/kg	Marine water	0,001 mg/L
EC: 226-394-6	Intermittent	0,068 mg/L	Sediment (Fresh water)	0,125 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,013 mg/kg
Geraniol	STP	0,7 mg/L	Fresh water	0,011 mg/L
CAS: 106-24-1	Soil	0,017 mg/kg	Marine water	0,001 mg/L
EC: 203-377-1	Intermittent	0,108 mg/L	Sediment (Fresh water)	0,115 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,011 mg/kg
Allyl (3-methylbutoxy)acetate	STP	Non-applicable	Fresh water	0,00077 mg/L
CAS: 67634-00-8	Soil	0,00133 mg/kg	Marine water	0,000077 mg/L
EC: 266-803-5	Intermittent	0,0077 mg/L	Sediment (Fresh water)	0,00893 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,000893 mg/kg
p-mentha-1,4(8)-diene	STP	0,2 mg/L	Fresh water	0,000634 mg/L
CAS: 586-62-9	Soil	0,0291 mg/kg	Marine water	0,000063 mg/L
EC: 209-578-0	Intermittent	0,00634 mg/L	Sediment (Fresh water)	0,147 mg/kg
	Oral	0,01031 g/kg	Sediment (Marine water)	0,0147 mg/kg
Citronellal	STP	4 mg/L	Fresh water	0,009 mg/L
CAS: 106-23-0	Soil	0,027 mg/kg	Marine water	0,001 mg/L
EC: 203-376-6	Intermittent	0,087 mg/L	Sediment (Fresh water)	0,159 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,016 mg/kg

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Alcohols, C11-14-iso-, C13-rich	STP	105,3 mg/L	Fresh water	0,005 mg/L
CAS: 68526-86-3	Soil	0,15 mg/kg	Marine water	0,0005 mg/L
EC: 271-235-6	Intermittent	0,004 mg/L	Sediment (Fresh water)	0,37 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,04 mg/kg
Nerol	STP	12,9 mg/L	Fresh water	0,00745 mg/L
CAS: 106-25-2	Soil	0,0223 mg/kg	Marine water	0,000745 mg/L
EC: 203-378-7	Intermittent	0,0745 mg/L	Sediment (Fresh water)	0,133 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0133 mg/kg
3-(4-isobutyl-2-methylphenyl)propanal	STP	1 mg/L	Fresh water	0,0064 mg/L
CAS: 1637294-12-2	Soil	0,256 mg/kg	Marine water	0,00064 mg/L
EC: 811-285-3	Intermittent	0,0101 mg/L	Sediment (Fresh water)	1,3 mg/kg
	Oral	0,005 g/kg	Sediment (Marine water)	0,13 mg/kg
3-p-cumenyl-2-methylpropionaldehyde	STP	1 mg/L	Fresh water	0,00109 mg/L
CAS: 103-95-7	Soil	0,025 mg/kg	Marine water	0,00011 mg/L
EC: 203-161-7	Intermittent	0,01092 mg/L	Sediment (Fresh water)	0,126 mg/kg
	Oral	0,0333 g/kg	Sediment (Marine water)	0,013 mg/kg

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,…) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	Protective gloves against minor risks	CE CAT I		Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Panoramic glasses against splash/projections.	CE CAT II	EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer´s instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing	CE CAT I		Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes	CE CAT II	EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007

F.- Additional emergency measures

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Emergency measure	Standards	Emergency measure	Standards
Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 ºC:	Solid
Appearance:	Compact
Colour:	Yellow / amber
Odour:	Pleasant
Odour threshold:	Non-applicable *

Volatility:

Boiling point at atmospheric pressure:	Non-applicable *
Vapour pressure at 20 ºC:	Non-applicable *
Vapour pressure at 50 ºC:	Non-applicable *
Evaporation rate at 20 ºC:	Non-applicable *

Product description:

Density at 20 ºC:	1267,9 kg/m³
Relative density at 20 ºC:	1,268
Dynamic viscosity at 20 ºC:	Non-applicable *
Kinematic viscosity at 20 ºC:	Non-applicable *
Kinematic viscosity at 40 ºC:	>20,5 mm²/s
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20 ºC:	Non-applicable *
Partition coefficient n-octanol/water 20 ºC:	Non-applicable *
Solubility in water at 20 ºC:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *

Flammability:

Flash Point:	Non-applicable
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	195 ºC
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *

Explosive (Solid):

Lower explosive limit:	Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Upper explosive limit:	Non-applicable *
Particle characteristics:	
Median equivalent diameter:	Non-applicable *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *
Aerosols-total percentage (by mass) of flammable components:	Non-applicable *
Other safety characteristics:	
Surface tension at 20 ºC:	Non-applicable *
Refraction index:	Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO_2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health .

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
  IARC: d-limonene (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Linalool	LD50 oral	3500 mg/kg	Rat
CAS: 78-70-6	LD50 dermal	5610 mg/kg	Rabbit
EC: 201-134-4	LC50 inhalation	Non-applicable	
Dipropylene Glycol Methyl Ether	LD50 oral	>5000 mg/kg	Rat
CAS: 34590-94-8	LD50 dermal	9510 mg/kg	Rabbit
EC: 252-104-2	LC50 inhalation	Non-applicable	
2,6-dimethyloct-7-en-2-ol	LD50 oral	3600 mg/kg	
CAS: 18479-58-8	LD50 dermal	Non-applicable	
EC: 242-362-4	LC50 inhalation	Non-applicable	
2-tert-butylcyclohexyl acetate	LD50 oral	4600 mg/kg	Rat
CAS: 88-41-5	LD50 dermal	Non-applicable	
EC: 201-828-7	LC50 inhalation	Non-applicable	

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
3,7-dimethylnona-2,6-dienenitrile	LD50 oral	2600 mg/kg	Rat
CAS: 61792-11-8	LD50 dermal	Non-applicable	
EC: 263-214-5	LC50 inhalation	Non-applicable	
Allyl (3-methylbutoxy)acetate	LD50 oral	500 mg/kg	Rat
CAS: 67634-00-8	LD50 dermal	Non-applicable	
EC: 266-803-5	LC50 inhalation	0,51 mg/L (4 h)	Rat
Citronellol	LD50 oral	3450 mg/kg	Rat
CAS: 106-22-9	LD50 dermal	2650 mg/kg	
EC: 203-375-0	LC50 inhalation	Non-applicable	
Diphenyl ether	LD50 oral	>5000 mg/kg	Rat
CAS: 101-84-8	LD50 dermal	7940 mg/kg	Rabbit
EC: 202-981-2	LC50 inhalation	Non-applicable	
Citral	LD50 oral	4950 mg/kg	Rat
CAS: 5392-40-5	LD50 dermal	2250 mg/kg	Rabbit
EC: 226-394-6	LC50 inhalation	Non-applicable	
Geraniol	LD50 oral	4200 mg/kg	Rat
CAS: 106-24-1	LD50 dermal	5100 mg/kg	Rabbit
EC: 203-377-1	LC50 inhalation	Non-applicable	
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	LD50 oral	2500 mg/kg	
CAS: 68039-49-6	LD50 dermal	Non-applicable	
EC: 268-264-1	LC50 inhalation	Non-applicable	
Citronellal	LD50 oral	2500 mg/kg	Rat
CAS: 106-23-0	LD50 dermal	Non-applicable	
EC: 203-376-6	LC50 inhalation	Non-applicable	
Nerol	LD50 oral	>5000 mg/kg	Rat
CAS: 106-25-2	LD50 dermal	Non-applicable	
EC: 203-378-7	LC50 inhalation	Non-applicable	
3-p-cumenyl-2-methylpropionaldehyde	LD50 oral	3810 mg/kg	Rat
CAS: 103-95-7	LD50 dermal	Non-applicable	
EC: 203-161-7	LC50 inhalation	Non-applicable	
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	LD50 oral	1600 mg/kg	Rat
CAS: 57378-68-4	LD50 dermal	Non-applicable	
EC: 260-709-8	LC50 inhalation	Non-applicable	
Isoeugenol	LD50 oral	1500 mg/kg	Rat
CAS: 97-54-1	LD50 dermal	1100 mg/kg	Rat
EC: 202-590-7	LC50 inhalation	Non-applicable	

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product fails to meet the criteria.

Other information

Non-applicable

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

Acute toxicity:

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
Dipropylene Glycol Methyl Ether	LC50	10000 mg/L (96 h)	Pimephales promelas	Fish
CAS: 34590-94-8	EC50	1919 mg/L (48 h)	Daphnia magna	Crustacean
EC: 252-104-2	EC50	Non-applicable		
2-tert-butylcyclohexyl acetate	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 88-41-5	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 201-828-7	EC50	>1 - 10 mg/L (72 h)		Algae
3,7-dimethylnona-2,6-dienenitrile	LC50	2,4 mg/L (96 h)	QSAR	Fish
CAS: 61792-11-8	EC50	2,7 mg/L (48 h)	Daphnia magna	Crustacean
EC: 263-214-5	EC50	3,6 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
Diphenyl ether	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 101-84-8	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 202-981-2	EC50	>0.1 - 1 mg/L (72 h)		Algae
Citral	LC50	6,1 mg/L (24 h)	Oryzias latipes	Fish
CAS: 5392-40-5	EC50	11 mg/L (24 h)	Daphnia magna	Crustacean
EC: 226-394-6	EC50	16 mg/L (72 h)	Scenedesmus subspicatus	Algae
Allyl (3-methylbutoxy)acetate	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 67634-00-8	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 266-803-5	EC50	>0.1 - 1 mg/L (72 h)		Algae
p-mentha-1,4(8)-diene	LC50	0,8 mg/L (96 h)	Danio rerio	Fish
CAS: 586-62-9	EC50	0,63 mg/L (48 h)	Daphnia magna	Crustacean
EC: 209-578-0	EC50	0,7 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 68039-49-6	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 268-264-1	EC50	>1 - 10 mg/L (72 h)		Algae
Alcohols, C11-14-iso-, C13-rich	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 68526-86-3	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 271-235-6	EC50	>0.1 - 1 mg/L (72 h)		Algae
Nerol	LC50	20 mg/L (96 h)	Danio rerio	Fish
CAS: 106-25-2	EC50	32 mg/L (48 h)	Daphnia magna	Crustacean
EC: 203-378-7	EC50	10 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
3-(4-isobutyl-2-methylphenyl)propanal	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 1637294-12-2	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 811-285-3	EC50	>1 - 10 mg/L (72 h)		Algae
3-p-cumenyl-2-methylpropionaldehyde	LC50	1,092 mg/L (96 h)	N/A	Fish
CAS: 103-95-7	EC50	1,4 mg/L (48 h)	Daphnia magna	Crustacean
EC: 203-161-7	EC50	3,8 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 57378-68-4	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 260-709-8	EC50	>0.1 - 1 mg/L (72 h)		Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
Dipropylene Glycol Methyl Ether	NOEC	Non-applicable		
CAS: 34590-94-8 EC: 252-104-2	NOEC	0,5 mg/L	Daphnia magna	Crustacean
2,6-dimethyloct-7-en-2-ol	NOEC	Non-applicable		
CAS: 18479-58-8 EC: 242-362-4	NOEC	9,5 mg/L	Daphnia magna	Crustacean
3-(4-isobutyl-2-methylphenyl)propanal	NOEC	Non-applicable		
CAS: 1637294-12-2 EC: 811-285-3	NOEC	0,71 mg/L	Daphnia magna	Crustacean
3-p-cumenyl-2-methylpropionaldehyde	NOEC	Non-applicable		
CAS: 103-95-7 EC: 203-161-7	NOEC	0,71 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Degradability		Biodegradability	
Dipropylene Glycol Methyl Ether	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 34590-94-8	COD	0 g O2/g	Period	28 days
EC: 252-104-2	BOD5/COD	Non-applicable	% Biodegradable	73 %
2,6-dimethyloct-7-en-2-ol	BOD5	Non-applicable	Concentration	10 mg/L
CAS: 18479-58-8	COD	Non-applicable	Period	28 days
EC: 242-362-4	BOD5/COD	Non-applicable	% Biodegradable	72 %
3,7-dimethylnona-2,6-dienenitrile	BOD5	Non-applicable	Concentration	20 mg/L
CAS: 61792-11-8	COD	Non-applicable	Period	28 days
EC: 263-214-5	BOD5/COD	Non-applicable	% Biodegradable	32 %
Linalool	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 78-70-6	COD	Non-applicable	Period	28 days
EC: 201-134-4	BOD5/COD	Non-applicable	% Biodegradable	90 %
Diphenyl ether	BOD5	Non-applicable	Concentration	5.6 mg/L
CAS: 101-84-8	COD	Non-applicable	Period	20 days
EC: 202-981-2	BOD5/COD	Non-applicable	% Biodegradable	76 %
Citral	BOD5	0,56 g O2/g	Concentration	100 mg/L
CAS: 5392-40-5	COD	1,99 g O2/g	Period	28 days
EC: 226-394-6	BOD5/COD	0,28	% Biodegradable	92 %
Geraniol	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 106-24-1	COD	Non-applicable	Period	21 days
EC: 203-377-1	BOD5/COD	Non-applicable	% Biodegradable	70 %
Allyl (3-methylbutoxy)acetate	BOD5	Non-applicable	Concentration	240 mg/L
CAS: 67634-00-8	COD	Non-applicable	Period	13 days
EC: 266-803-5	BOD5/COD	Non-applicable	% Biodegradable	78 %
p-mentha-1,4(8)-diene	BOD5	Non-applicable	Concentration	2 mg/L
CAS: 586-62-9	COD	Non-applicable	Period	28 days
EC: 209-578-0	BOD5/COD	Non-applicable	% Biodegradable	81 %
Nerol	BOD5	Non-applicable	Concentration	2 mg/L
CAS: 106-25-2	COD	Non-applicable	Period	28 days
EC: 203-378-7	BOD5/COD	Non-applicable	% Biodegradable	90 %
3-p-cumenyl-2-methylpropionaldehyde	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 103-95-7	COD	Non-applicable	Period	28 days
EC: 203-161-7	BOD5/COD	Non-applicable	% Biodegradable	65,5 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Dipropylene Glycol Methyl Ether	BCF	1
CAS: 34590-94-8	Pow Log	-0.06
EC: 252-104-2	Potential	Low
3,7-dimethylnona-2,6-dienenitrile	BCF	60
CAS: 61792-11-8	Pow Log	3.1
EC: 263-214-5	Potential	Moderate
Linalool	BCF	
CAS: 78-70-6	Pow Log	2.97
EC: 201-134-4	Potential	
Diphenyl ether	BCF	196
CAS: 101-84-8	Pow Log	4.21
EC: 202-981-2	Potential	High
Citral	BCF	10
CAS: 5392-40-5	Pow Log	3.45
EC: 226-394-6	Potential	Low

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Bioaccumulation potential	
Geraniol	BCF	110
CAS: 106-24-1	Pow Log	3.56
EC: 203-377-1	Potential	High
Allyl (3-methylbutoxy)acetate	BCF	
CAS: 67634-00-8	Pow Log	1.85
EC: 266-803-5	Potential	
p-mentha-1,4(8)-diene	BCF	334
CAS: 586-62-9	Pow Log	4.29
EC: 209-578-0	Potential	High
Citronellal	BCF	280
CAS: 106-23-0	Pow Log	3.53
EC: 203-376-6	Potential	High
Nerol	BCF	44
CAS: 106-25-2	Pow Log	2.76
EC: 203-378-7	Potential	Moderate
3-p-cumenyl-2-methylpropionaldehyde	BCF	102
CAS: 103-95-7	Pow Log	3.05
EC: 203-161-7	Potential	High

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
3,7-dimethylnona-2,6-dienenitrile	Koc	1000	Henry	Non-applicable
CAS: 61792-11-8	Conclusion	Low	Dry soil	Non-applicable
EC: 263-214-5	Surface tension	Non-applicable	Moist soil	Non-applicable
Diphenyl ether	Koc	1960	Henry	Non-applicable
CAS: 101-84-8	Conclusion	Low	Dry soil	Non-applicable
EC: 202-981-2	Surface tension	1,753E-2 N/m (258,4 ºC)	Moist soil	Non-applicable
Allyl (3-methylbutoxy)acetate	Koc	80	Henry	Non-applicable
CAS: 67634-00-8	Conclusion	Very High	Dry soil	Non-applicable
EC: 266-803-5	Surface tension	Non-applicable	Moist soil	Non-applicable
p-mentha-1,4(8)-diene	Koc	1120	Henry	Non-applicable
CAS: 586-62-9	Conclusion	Low	Dry soil	Non-applicable
EC: 209-578-0	Surface tension	2,865E-2 N/m (25 ºC)	Moist soil	Non-applicable
Nerol	Koc	94	Henry	Non-applicable
CAS: 106-25-2	Conclusion	High	Dry soil	Non-applicable
EC: 203-378-7	Surface tension	Non-applicable	Moist soil	Non-applicable

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product fails to meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
07 01 04*	other organic solvents, washing liquids and mother liquors	Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP6 Acute Toxicity

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SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Geraniol (Product-type 18, 19) ; Citronellal

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Non-applicable

Texts of the legislative phrases mentioned in section 2:

H412: Harmful to aquatic life with long lasting effects.
H317: May cause an allergic skin reaction.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

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SECTION 16: OTHER INFORMATION (continued)

Acute Tox. 1: H330 - Fatal if inhaled.
Acute Tox. 4: H302 - Harmful if swallowed.
Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin.
Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled.
Acute Tox. 4: H332 - Harmful if inhaled.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Skin Sens. 1A: H317 - May cause an allergic skin reaction.
Skin Sens. 1B: H317 - May cause an allergic skin reaction.
STOT SE 3: H335 - May cause respiratory irritation.

Classification procedure:

Aquatic Chronic 3: Calculation method
Skin Sens. 1B: Calculation method

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -