CLIP IT FRESH RELAX

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

1.1 Product identifier: CLIP IT FRESH RELAX

Other means of identification:

UFI: FH31-E0DP-F00G-RAH6

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

Relevant uses (Consumer use): 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 2: Hazardous to the aquatic environment, long-term hazard, Category 2, H411
Eye Irrit. 2: Eye irritation, Category 2, H319
Skin Irrit. 2: Skin irritation, Category 2, H315
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.

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.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P501: Dispose of contents/container according to the separated collection system used in your municipality.

Supplementary information:

Contains hexyl cinnamaldehyde, 2-benzylideneheptanal, hydroxycitronellal, linalool, citronella, ext., orange sweet, ext., benzyl salicylate, dipentene, citral, lemon, oil, methyl salicylate, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, linalyl acetate, geraniol, 3-p-cumenyl-2-methylpropionaldehyde, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, citronellol, 2-methylundecanal, citral diethyl acetal.

UFI: FH31-E0DP-F00G-RAH6

2.3 Other hazards:

Product does not meet PBT/vPvB criteria
Endocrine-disrupting properties: The product does not meet the criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Not relevant

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

3.2 Mixture:

Chemical description: Mixture composed of chemical products

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: Not relevant REACH: 01-2119450011-60-XXXX	**Dipropylene Glycol Methyl Ether**(1)	Not classified	**15 - <20 %**
	Regulation 1272/2008		
CAS: 56539-66-3 EC: 260-252-4 Index: Not relevant REACH: 01-2119976333-33-XXXX	**3-methoxy-3-methylbutan-1-ol**(2)	Self-classified	**10 - <15 %**
	Regulation 1272/2008	Eye Irrit. 2: H319 - Warning	
CAS: 140-11-4 EC: 205-399-7 Index: Not relevant REACH: 01-2119638272-42-XXXX	**Benzyl acetate**(2)	Self-classified	**5 - <7,5 %**
	Regulation 1272/2008	Aquatic Chronic 3: H412	
CAS: 101-86-0 EC: 202-983-3 Index: Not relevant REACH: 01-2119533092-50-xxxx	**Hexyl cinnamaldehyde**(2)	Self-classified	**5 - <7,5 %**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	
CAS: 122-40-7 EC: 204-541-5 Index: Not relevant REACH: 01-2120740487-49-XXXX	**2-benzylideneheptanal**(2)	Self-classified	**5 - <7,5 %**
	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	
CAS: 107-75-5 EC: 203-518-7 Index: Not relevant REACH: 01-2119973482-31-XXXX	**Hydroxycitronellal**(2)	Self-classified	**5 - <7,5 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Sens. 1B: H317 - Warning	
CAS: 78-70-6 EC: 201-134-4 Index: 603-235-00-2 REACH: 01-2119474016-42-XXXX	**Linalool**(2)	Self-classified	**4 - <5 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 60-12-8 EC: 200-456-2 Index: Not relevant REACH: 01-2119963921-31-XXXX	**2-phenylethanol**(2)	Self-classified	**3 - <4 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Eye Irrit. 2: H319 - Warning	
CAS: 8000-29-1 EC: 294-954-7 Index: Not relevant REACH: 01-2120741487-48	**Citronella, ext.**(2)	Self-classified	**2 - <3 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Eye Dam. 1: H318; Skin Sens. 1: H317 - Danger	
CAS: 8028-48-6 EC: 232-433-8 Index: Not relevant REACH: 01-2119493353-35	**Orange sweet, ext.**(2)	Self-classified	**2 - <3 %**
	Regulation 1272/2008	Aquatic Chronic 1: H410; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	
CAS: 118-58-1 EC: 204-262-9 Index: 607-754-00-5 REACH: 01-2119969442-31-XXXX	**Benzyl salicylate**(2)	Self-classified	**2 - <3 %**
	Regulation 1272/2008	Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Sens. 1B: H317 - Warning	
CAS: 93-18-5 EC: 202-226-7 Index: Not relevant REACH: 01-2120176465-49-XXXX	**Ethyl 2-naphthyl ether**(2)	Self-classified	**2 - <3 %**
	Regulation 1272/2008	Aquatic Chronic 2: H411; Eye Irrit. 2: H319 - Warning	
CAS: 5989-54-8 EC: 227-813-5 Index: Not relevant REACH: 01-2119493353-35-0082	**Dipentene**(2)	Self-classified	**2 - <3 %**
	Regulation 1272/2008	Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Danger	
CAS: 5392-40-5 EC: 226-394-6 Index: 605-019-00-3 REACH: 01-2119462829-23-XXXX	**Citral**(2)	Self-classified	**1 - <2 %**
	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: 8000-41-7 EC: 232-268-1 Index: Not relevant REACH: 01-2119553062-49-XXXX	**Terpineol**(2)	Self-classified	**1 - <2 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning	
CAS: 121-32-4 EC: 204-464-7 Index: Not relevant REACH: 01-2119958961-24-XXXX	**3-ethoxy-4-hydroxybenzaldehyde**(2)	Self-classified	**1 - <2 %**
	Regulation 1272/2008	Eye Irrit. 2: H319 - Warning	
CAS: 18479-58-8 EC: 242-362-4 Index: Not relevant 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; STOT SE 3: H336 - Warning	
CAS: 8008-56-8 EC: 284-515-8 Index: Not relevant REACH: 01-2119495512-35-XXXX	**Lemon, oil**(2)	Self-classified	**1 - <2 %**
	Regulation 1272/2008	Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	
CAS: 119-36-8 EC: 204-317-7 Index: 607-749-00-8 REACH: 01-2119515671-44-XXXX	**Methyl salicylate**(2)	Self-classified	**0,75 - <1 %**
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Chronic 3: H412; Eye Dam. 1: H318; Repr. 2: H361; Skin Sens. 1B: H317 - Danger	
CAS: 127-51-5 EC: 204-846-3 Index: Not relevant REACH: 01-2120138569-45-XXXX	**3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one**(2)	Self-classified	**0,75 - <1 %**
	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 115-95-7 EC: 204-116-4 Index: Not relevant REACH: 01-2119454789-19-XXXX	**Linalyl acetate**(2)	Self-classified	**0,5 - <0,75 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 106-24-1 EC: 203-377-1 Index: 603-241-00-5 REACH: 01-2119552430-49-XXXX	**Geraniol**(2)	Self-classified	**0,5 - <0,75 %**
	Regulation 1272/2008	Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	
CAS: 103-95-7 EC: 203-161-7 Index: Not relevant REACH: 01-2119970582-32-XXXX	**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: 68039-49-6 EC: 268-264-1 Index: Not relevant 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: 106-22-9 EC: 203-375-0 Index: Not relevant REACH: 01-2119453995-23-XXXX	**Citronellol**(2)	Self-classified	**0,1 - <0,25 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 110-41-8 EC: 203-765-0 Index: Not relevant REACH: 01-2119969443-29-XXXX	**2-methylundecanal**(2)	Self-classified	**0,1 - <0,25 %**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 90480-35-6 EC: 291-768-8 Index: Not relevant REACH: 01-2120784883-37-XXXX	**Citral diethyl acetal**(2)	Self-classified	**0,1 - <0,25 %**
	Regulation 1272/2008	Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Repr. 2: H361; Skin Sens. 1B: H317 - Danger	

(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.

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acute toxicity		Genus
Linalool CAS: 78-70-6 EC: 201-134-4	LD50 oral	3500 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation vapour	Not relevant	
2-phenylethanol CAS: 60-12-8 EC: 200-456-2	LD50 oral	1610 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation vapour	Not relevant	

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Acute toxicity		Genus
Methyl salicylate	LD50 oral	890 mg/kg	Rat
CAS: 119-36-8 EC: 204-317-7	LD50 dermal	Not relevant	
	LC50 inhalation vapour	Not relevant	

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:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of 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:

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

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. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

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.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

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:

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.
Spillages in water or sea:
Small spillages:
Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.
Large spillages:
If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

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 dispose of using safe methods (section 6).

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

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

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

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.:	5 ºC
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.

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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 (1)	IOELV (8h)	50 ppm	308 mg/m³
CAS: 34590-94-8 EC: 252-104-2	IOELV (STEL)		

(1) Skin

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dipropylene Glycol Methyl Ether	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 34590-94-8	Dermal	Not relevant	Not relevant	283 mg/kg	Not relevant
EC: 252-104-2	Inhalation	Not relevant	Not relevant	308 mg/m³	Not relevant
3-methoxy-3-methylbutan-1-ol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 56539-66-3	Dermal	Not relevant	Not relevant	6,25 mg/kg	Not relevant
EC: 260-252-4	Inhalation	Not relevant	Not relevant	18 mg/m³	Not relevant
Benzyl acetate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 140-11-4	Dermal	Not relevant	Not relevant	2,5 mg/kg	Not relevant
EC: 205-399-7	Inhalation	Not relevant	Not relevant	9 mg/m³	Not relevant
Hydroxycitronellal	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 107-75-5	Dermal	Not relevant	Not relevant	1,9 mg/kg	Not relevant
EC: 203-518-7	Inhalation	Not relevant	Not relevant	18 mg/m³	Not relevant
Linalool	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 78-70-6	Dermal	Not relevant	Not relevant	3,5 mg/kg	Not relevant
EC: 201-134-4	Inhalation	Not relevant	Not relevant	24,58 mg/m³	Not relevant
2-phenylethanol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 60-12-8	Dermal	Not relevant	Not relevant	21,2 mg/kg	Not relevant
EC: 200-456-2	Inhalation	Not relevant	Not relevant	59,9 mg/m³	Not relevant
Orange sweet, ext.	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 8028-48-6	Dermal	Not relevant	Not relevant	8,89 mg/kg	Not relevant
EC: 232-433-8	Inhalation	Not relevant	Not relevant	31,1 mg/m³	Not relevant
Benzyl salicylate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 118-58-1	Dermal	Not relevant	Not relevant	2,21 mg/kg	Not relevant
EC: 204-262-9	Inhalation	Not relevant	Not relevant	7,8 mg/m³	Not relevant
Ethyl 2-naphthyl ether	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 93-18-5	Dermal	Not relevant	Not relevant	0,0798 mg/kg	Not relevant
EC: 202-226-7	Inhalation	Not relevant	Not relevant	0,281 mg/m³	Not relevant
Dipentene	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 5989-54-8	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 227-815-6	Inhalation	Not relevant	Not relevant	33,3 mg/m³	Not relevant
Citral	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 5392-40-5	Dermal	Not relevant	Not relevant	1,7 mg/kg	Not relevant
EC: 226-394-6	Inhalation	Not relevant	Not relevant	9 mg/m³	Not relevant
Terpineol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 8000-41-7	Dermal	Not relevant	Not relevant	6,36 mg/kg	Not relevant
EC: 232-268-1	Inhalation	Not relevant	Not relevant	44,8 mg/m³	Not relevant
3-ethoxy-4-hydroxybenzaldehyde	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 121-32-4	Dermal	Not relevant	Not relevant	7 mg/kg	Not relevant
EC: 204-464-7	Inhalation	98 mg/m³	Not relevant	49 mg/m³	Not relevant
2,6-dimethyloct-7-en-2-ol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 18479-58-8	Dermal	Not relevant	Not relevant	20,8 mg/kg	Not relevant
EC: 242-362-4	Inhalation	Not relevant	Not relevant	73,5 mg/m³	Not relevant

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Lemon, oil	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 8008-56-8	Dermal	Not relevant	Not relevant	6,67 mg/kg	Not relevant
EC: 284-515-8	Inhalation	Not relevant	Not relevant	23,3 mg/m³	Not relevant
Methyl salicylate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 119-36-8	Dermal	Not relevant	Not relevant	6 mg/kg	Not relevant
EC: 204-317-7	Inhalation	285 mg/m³	Not relevant	17,5 mg/m³	Not relevant
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 127-51-5	Dermal	Not relevant	Not relevant	0,375 mg/kg	Not relevant
EC: 204-846-3	Inhalation	Not relevant	Not relevant	8,22 mg/m³	Not relevant
Linalyl acetate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 115-95-7	Dermal	Not relevant	Not relevant	2,5 mg/kg	Not relevant
EC: 204-116-4	Inhalation	Not relevant	Not relevant	2,75 mg/m³	Not relevant
Geraniol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 106-24-1	Dermal	Not relevant	Not relevant	12,5 mg/kg	Not relevant
EC: 203-377-1	Inhalation	Not relevant	Not relevant	161,6 mg/m³	Not relevant
3-p-cumenyl-2-methylpropionaldehyde	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 103-95-7	Dermal	Not relevant	Not relevant	1,67 mg/kg	Not relevant
EC: 203-161-7	Inhalation	Not relevant	Not relevant	5,83 mg/m³	Not relevant
Citronellol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 106-22-9	Dermal	Not relevant	Not relevant	327,4 mg/kg	Not relevant
EC: 203-375-0	Inhalation	Not relevant	10 mg/m³	161,6 mg/m³	10 mg/m³
2-methylundecanal	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 110-41-8	Dermal	100 mg/kg	Not relevant	10,46 mg/kg	Not relevant
EC: 203-765-0	Inhalation	352,63 mg/m³	881,58 mg/m³	36,89 mg/m³	92,21 mg/m³
Citral diethyl acetal	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 90480-35-6	Dermal	Not relevant	Not relevant	0,75 mg/kg	Not relevant
EC: 291-768-8	Inhalation	Not relevant	Not relevant	2,6 mg/m³	Not relevant

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Dipropylene Glycol Methyl Ether	Oral	Not relevant	Not relevant	36 mg/kg	Not relevant
CAS: 34590-94-8	Dermal	Not relevant	Not relevant	121 mg/kg	Not relevant
EC: 252-104-2	Inhalation	Not relevant	Not relevant	37,2 mg/m³	Not relevant
3-methoxy-3-methylbutan-1-ol	Oral	Not relevant	Not relevant	2,5 mg/kg	Not relevant
CAS: 56539-66-3	Dermal	Not relevant	Not relevant	3,1 mg/kg	Not relevant
EC: 260-252-4	Inhalation	Not relevant	Not relevant	4,4 mg/m³	Not relevant
Benzyl acetate	Oral	Not relevant	Not relevant	1,3 mg/kg	Not relevant
CAS: 140-11-4	Dermal	Not relevant	Not relevant	1,3 mg/kg	Not relevant
EC: 205-399-7	Inhalation	Not relevant	Not relevant	2,2 mg/m³	Not relevant
Hydroxycitronellal	Oral	Not relevant	Not relevant	0,6 mg/kg	Not relevant
CAS: 107-75-5	Dermal	Not relevant	Not relevant	1,1 mg/kg	Not relevant
EC: 203-518-7	Inhalation	Not relevant	Not relevant	5,4 mg/m³	Not relevant
Linalool	Oral	Not relevant	Not relevant	2,49 mg/kg	Not relevant
CAS: 78-70-6	Dermal	Not relevant	Not relevant	1,25 mg/kg	Not relevant
EC: 201-134-4	Inhalation	Not relevant	Not relevant	4,33 mg/m³	Not relevant
2-phenylethanol	Oral	5,1 mg/kg	Not relevant	5,1 mg/kg	Not relevant
CAS: 60-12-8	Dermal	Not relevant	Not relevant	12,7 mg/kg	Not relevant
EC: 200-456-2	Inhalation	Not relevant	Not relevant	17,7 mg/m³	Not relevant
Orange sweet, ext.	Oral	Not relevant	Not relevant	4,44 mg/kg	Not relevant
CAS: 8028-48-6	Dermal	Not relevant	Not relevant	4,44 mg/kg	Not relevant
EC: 232-433-8	Inhalation	Not relevant	Not relevant	7,78 mg/m³	Not relevant

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Benzyl salicylate	Oral	Not relevant	Not relevant	0,79 mg/kg	Not relevant
CAS: 118-58-1	Dermal	Not relevant	Not relevant	0,79 mg/kg	Not relevant
EC: 204-262-9	Inhalation	Not relevant	Not relevant	1,37 mg/m³	Not relevant
Ethyl 2-naphthyl ether	Oral	Not relevant	Not relevant	0,0285 mg/kg	Not relevant
CAS: 93-18-5	Dermal	Not relevant	Not relevant	0,0285 mg/kg	Not relevant
EC: 202-226-7	Inhalation	Not relevant	Not relevant	0,0422 mg/m³	Not relevant
Dipentene	Oral	Not relevant	Not relevant	4,76 mg/kg	Not relevant
CAS: 5989-54-8	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 227-815-6	Inhalation	Not relevant	Not relevant	8,33 mg/m³	Not relevant
Citral	Oral	Not relevant	Not relevant	0,6 mg/kg	Not relevant
CAS: 5392-40-5	Dermal	Not relevant	Not relevant	1 mg/kg	Not relevant
EC: 226-394-6	Inhalation	Not relevant	Not relevant	2,7 mg/m³	Not relevant
Terpineol	Oral	Not relevant	Not relevant	2,69 mg/kg	Not relevant
CAS: 8000-41-7	Dermal	Not relevant	Not relevant	2,69 mg/kg	Not relevant
EC: 232-268-1	Inhalation	Not relevant	Not relevant	7,96 mg/m³	Not relevant
3-ethoxy-4-hydroxybenzaldehyde	Oral	Not relevant	Not relevant	2,5 mg/kg	Not relevant
CAS: 121-32-4	Dermal	Not relevant	Not relevant	2,5 mg/kg	Not relevant
EC: 204-464-7	Inhalation	17,5 mg/m³	Not relevant	8,75 mg/m³	Not relevant
2,6-dimethyloct-7-en-2-ol	Oral	Not relevant	Not relevant	12,5 mg/kg	Not relevant
CAS: 18479-58-8	Dermal	Not relevant	Not relevant	12,5 mg/kg	Not relevant
EC: 242-362-4	Inhalation	Not relevant	Not relevant	21,7 mg/m³	Not relevant
Lemon, oil	Oral	Not relevant	Not relevant	3,33 mg/kg	Not relevant
CAS: 8008-56-8	Dermal	Not relevant	Not relevant	3,33 mg/kg	Not relevant
EC: 284-515-8	Inhalation	Not relevant	Not relevant	5,8 mg/m³	Not relevant
Methyl salicylate	Oral	5 mg/kg	Not relevant	1 mg/kg	Not relevant
CAS: 119-36-8	Dermal	Not relevant	Not relevant	3 mg/kg	Not relevant
EC: 204-317-7	Inhalation	213 mg/m³	Not relevant	4 mg/m³	Not relevant
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	Oral	Not relevant	Not relevant	0,0355 mg/kg	Not relevant
CAS: 127-51-5	Dermal	Not relevant	Not relevant	0,0446 mg/kg	Not relevant
EC: 204-846-3	Inhalation	Not relevant	Not relevant	1,45 mg/m³	Not relevant
Linalyl acetate	Oral	Not relevant	Not relevant	0,2 mg/kg	Not relevant
CAS: 115-95-7	Dermal	Not relevant	Not relevant	1,25 mg/kg	Not relevant
EC: 204-116-4	Inhalation	Not relevant	Not relevant	0,68 mg/m³	Not relevant
Geraniol	Oral	Not relevant	Not relevant	13,75 mg/kg	Not relevant
CAS: 106-24-1	Dermal	Not relevant	Not relevant	7,5 mg/kg	Not relevant
EC: 203-377-1	Inhalation	Not relevant	Not relevant	47,8 mg/m³	Not relevant
3-p-cumenyl-2-methylpropionaldehyde	Oral	Not relevant	Not relevant	0,83 mg/kg	Not relevant
CAS: 103-95-7	Dermal	Not relevant	Not relevant	0,83 mg/kg	Not relevant
EC: 203-161-7	Inhalation	Not relevant	Not relevant	1,45 mg/m³	Not relevant
Citronellol	Oral	Not relevant	Not relevant	13,8 mg/kg	Not relevant
CAS: 106-22-9	Dermal	Not relevant	Not relevant	196,4 mg/kg	Not relevant
EC: 203-375-0	Inhalation	Not relevant	10 mg/m³	47,8 mg/m³	10 mg/m³
2-methylundecanal	Oral	25 mg/kg	Not relevant	5,23 mg/kg	Not relevant
CAS: 110-41-8	Dermal	50 mg/kg	Not relevant	5,23 mg/kg	Not relevant
EC: 203-765-0	Inhalation	86,96 mg/m³	217,39 mg/m³	9,1 mg/m³	22,74 mg/m³
Citral diethyl acetal	Oral	Not relevant	Not relevant	0,375 mg/kg	Not relevant
CAS: 90480-35-6	Dermal	Not relevant	Not relevant	0,375 mg/kg	Not relevant
EC: 291-768-8	Inhalation	Not relevant	Not relevant	0,62 mg/m³	Not relevant

PNEC:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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	Not relevant	Sediment (Marine water)	7,02 mg/kg
Benzyl acetate	STP	8,55 mg/L	Fresh water	0,018 mg/L
CAS: 140-11-4	Soil	0,094 mg/kg	Marine water	0,002 mg/L
EC: 205-399-7	Intermittent	0,04 mg/L	Sediment (Fresh water)	0,526 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,053 mg/kg
Hydroxycitronellal	STP	10 mg/L	Fresh water	0,0316 mg/L
CAS: 107-75-5	Soil	0,011 mg/kg	Marine water	0,00316 mg/L
EC: 203-518-7	Intermittent	0,316 mg/L	Sediment (Fresh water)	0,145 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,015 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
2-phenylethanol	STP	10 mg/L	Fresh water	0,215 mg/L
CAS: 60-12-8	Soil	0,164 mg/kg	Marine water	0,021 mg/L
EC: 200-456-2	Intermittent	2,15 mg/L	Sediment (Fresh water)	1,454 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,145 mg/kg
Orange sweet, ext.	STP	2,1 mg/L	Fresh water	0,0054 mg/L
CAS: 8028-48-6	Soil	0,261 mg/kg	Marine water	0,00054 mg/L
EC: 232-433-8	Intermittent	0,00577 mg/L	Sediment (Fresh water)	1,3 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,13 mg/kg
Benzyl salicylate	STP	10 mg/L	Fresh water	0,001 mg/L
CAS: 118-58-1	Soil	1,41 mg/kg	Marine water	0 mg/L
EC: 204-262-9	Intermittent	0,01 mg/L	Sediment (Fresh water)	0,583 mg/kg
	Oral	0,0527 g/kg	Sediment (Marine water)	0,058 mg/kg
Ethyl 2-naphthyl ether	STP	Not relevant	Fresh water	0,00231 mg/L
CAS: 93-18-5	Soil	0,143 mg/kg	Marine water	0,000231 mg/L
EC: 202-226-7	Intermittent	0,0231 mg/L	Sediment (Fresh water)	0,722 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,0722 mg/kg
Dipentene	STP	0,2 mg/L	Fresh water	0,0054 mg/L
CAS: 5989-54-8	Soil	0,262 mg/kg	Marine water	0,00054 mg/L
EC: 227-815-6	Intermittent	0,0036 mg/L	Sediment (Fresh water)	1,322 mg/kg
	Oral	0,133 g/kg	Sediment (Marine water)	0,132 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	Not relevant	Sediment (Marine water)	0,013 mg/kg
Terpineol	STP	2,57 mg/L	Fresh water	0,012 mg/L
CAS: 8000-41-7	Soil	0,045 mg/kg	Marine water	0,0012 mg/L
EC: 232-268-1	Intermittent	0,12 mg/L	Sediment (Fresh water)	0,263 mg/kg
	Oral	0,0166 g/kg	Sediment (Marine water)	0,026 mg/kg
3-ethoxy-4-hydroxybenzaldehyde	STP	10 mg/L	Fresh water	0,118 mg/L
CAS: 121-32-4	Soil	2,923 mg/kg	Marine water	0,012 mg/L
EC: 204-464-7	Intermittent	Not relevant	Sediment (Fresh water)	15 mg/kg
	Oral	Not relevant	Sediment (Marine water)	1,5 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

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Lemon, oil	STP	2,1 mg/L	Fresh water	0,0054 mg/L
CAS: 8008-56-8	Soil	0,29 mg/kg	Marine water	0,00054 mg/L
EC: 284-515-8	Intermittent	0,00577 mg/L	Sediment (Fresh water)	1,3 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,13 mg/kg
Methyl salicylate	STP	140 mg/L	Fresh water	0,02 mg/L
CAS: 119-36-8	Soil	0,35 mg/kg	Marine water	0,002 mg/L
EC: 204-317-7	Intermittent	0,2 mg/L	Sediment (Fresh water)	0,52 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,052 mg/kg
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	STP	10 mg/L	Fresh water	0,00143 mg/L
CAS: 127-51-5	Soil	0,0878 mg/kg	Marine water	0,000143 mg/L
EC: 204-846-3	Intermittent	0,0143 mg/L	Sediment (Fresh water)	0,443 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,0443 mg/kg
Linalyl acetate	STP	1 mg/L	Fresh water	0,011 mg/L
CAS: 115-95-7	Soil	0,115 mg/kg	Marine water	0,001 mg/L
EC: 204-116-4	Intermittent	0,11 mg/L	Sediment (Fresh water)	0,609 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,061 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	Not relevant	Sediment (Marine water)	0,011 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
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	Not relevant	Sediment (Marine water)	0,003 mg/kg
2-methylundecanal	STP	10 mg/L	Fresh water	0,00066 mg/L
CAS: 110-41-8	Soil	0,0526 mg/kg	Marine water	0,000066 mg/L
EC: 203-765-0	Intermittent	0,0018 mg/L	Sediment (Fresh water)	0,265 mg/kg
	Oral	0,116 g/kg	Sediment (Marine water)	0,0265 mg/kg
Citral diethyl acetal	STP	0,29 mg/L	Fresh water	0,004 mg/L
CAS: 90480-35-6	Soil	0,09 mg/kg	Marine water	0 mg/L
EC: 291-768-8	Intermittent	0,043 mg/L	Sediment (Fresh water)	0,457 mg/kg
	Oral	0,01 g/kg	Sediment (Marine water)	0,046 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

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.4 mm)	CE CAT III	EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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 20347:2022	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 20345:2022 y EN 13832-1:2019

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

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:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to 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:	Liquid
Appearance:	Fluid
Colour:	Colourless
Odour:	Solvent
Odour threshold:	Not relevant *

Volatility:

Boiling point at atmospheric pressure:	Not relevant *
Vapour pressure at 20 ºC:	185 Pa
Vapour pressure at 50 ºC:	1057,04 Pa (1,06 kPa)
Evaporation rate at 20 ºC:	Not relevant *

Product description:

Density at 20 ºC:	973,2 kg/m³
Relative density at 20 ºC:	0,973
Dynamic viscosity at 20 ºC:	Not relevant *

*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)

Kinematic viscosity at 20 ºC:	Not relevant *
Kinematic viscosity at 40 ºC:	Not relevant *
Concentration:	Not relevant *
pH:	Not relevant *
Vapour density at 20 ºC:	Not relevant *
Partition coefficient n-octanol/water 20 ºC:	Not relevant *
Solubility in water at 20 ºC:	Not relevant *
Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *
Flammability:	
Flash Point:	Non Flammable (>60 ºC)
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	Not relevant *
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *
Particle characteristics:	
Median equivalent diameter:	Not relevant *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Not relevant *
Oxidising properties:	Not relevant *
Corrosive to metals:	Not relevant *
Heat of combustion:	Not relevant *
Aerosols-total percentage (by mass) of flammable components:	Not relevant *
Other safety characteristics:	
Surface tension at 20 ºC:	Not relevant *
Refraction index:	Not relevant *

*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 from Safety Data Sheet.

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	Precaution	Precaution	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

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SECTION 10: STABILITY AND REACTIVITY (continued)

10.6 Hazardous decomposition products:

Contains substances which require external energy for spontaneous decomposition. Form explosive peroxides when distilled, evaporated or otherwise concentrated.

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):

- 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: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

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

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

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

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: Benzyl acetate (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. However, it does 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:

Not relevant

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Citronella, ext. CAS: 8000-29-1 EC: 294-954-7	LD50 oral	4100 mg/kg	
	LD50 dermal	4200 mg/kg	
	LC50 inhalation		
Citral CAS: 5392-40-5 EC: 226-394-6	LD50 oral	4950 mg/kg	Rat
	LD50 dermal	2250 mg/kg	Rabbit
	LC50 inhalation		
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	LD50 oral	3600 mg/kg	
	LD50 dermal		
	LC50 inhalation		
Linalool CAS: 78-70-6 EC: 201-134-4	LD50 oral	3500 mg/kg	Rat
	LD50 dermal	5610 mg/kg	Rabbit
	LC50 inhalation		
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	LD50 oral	2490 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
Benzyl salicylate CAS: 118-58-1 EC: 204-262-9	LD50 oral	2200 mg/kg	Rat
	LD50 dermal	14150 mg/kg	Rabbit
	LC50 inhalation		
Orange sweet, ext. CAS: 8028-48-6 EC: 232-433-8	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	Rabbit
	LC50 inhalation		
Hexyl cinnamaldehyde CAS: 101-86-0 EC: 202-983-3	LD50 oral	3100 mg/kg	Rat
	LD50 dermal	3000 mg/kg	Rabbit
	LC50 inhalation		
2-benzylideneheptanal CAS: 122-40-7 EC: 204-541-5	LD50 oral	3730 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
2-phenylethanol CAS: 60-12-8 EC: 200-456-2	LD50 oral	1610 mg/kg	Rat
	LD50 dermal	2100 mg/kg	Rabbit
	LC50 inhalation		
Terpineol CAS: 8000-41-7 EC: 232-268-1	LD50 oral	4300 mg/kg	
	LD50 dermal		
	LC50 inhalation		
3-ethoxy-4-hydroxybenzaldehyde CAS: 121-32-4 EC: 204-464-7	LD50 oral	3000 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
Ethyl 2-naphthyl ether CAS: 93-18-5 EC: 202-226-7	LD50 oral	3110 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
Dipropylene Glycol Methyl Ether CAS: 34590-94-8 EC: 252-104-2	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal	9510 mg/kg	Rabbit
	LC50 inhalation		
Methyl salicylate CAS: 119-36-8 EC: 204-317-7	LD50 oral	890 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one CAS: 127-51-5 EC: 204-846-3	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	Rabbit
	LC50 inhalation		
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	LD50 oral	14500 mg/kg	Rat
	LD50 dermal	5610 mg/kg	Rabbit
	LC50 inhalation		

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
Geraniol	LD50 oral	4200 mg/kg	Rat
CAS: 106-24-1	LD50 dermal	5100 mg/kg	Rabbit
EC: 203-377-1	LC50 inhalation		
3-p-cumenyl-2-methylpropionaldehyde	LD50 oral	3810 mg/kg	Rat
CAS: 103-95-7	LD50 dermal		
EC: 203-161-7	LC50 inhalation		
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	LD50 oral	2500 mg/kg	
CAS: 68039-49-6	LD50 dermal		
EC: 268-264-1	LC50 inhalation		
Citronellol	LD50 oral	3450 mg/kg	Rat
CAS: 106-22-9	LD50 dermal	2650 mg/kg	
EC: 203-375-0	LC50 inhalation		
2-methylundecanal	LD50 oral	>5000 mg/kg	Rat
CAS: 110-41-8	LD50 dermal	8300 mg/kg	Rabbit
EC: 203-765-0	LC50 inhalation		

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

SECTION 12: ECOLOGICAL INFORMATION

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

Toxic to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

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	Not relevant		
Benzyl acetate	LC50	Not relevant		
CAS: 140-11-4	EC50	17 mg/L (48 h)	Daphnia magna	Crustacean
EC: 205-399-7	EC50	110 mg/L (72 h)	Desmodesmus subspicatus	Algae
Hexyl cinnamaldehyde	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 101-86-0	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 202-983-3	EC50	>0.1 - 1 mg/L (72 h)		Algae
2-benzylideneheptanal	LC50	0,91 mg/L (96 h)	N/A	Fish
CAS: 122-40-7	EC50	0,28 mg/L (48 h)	Daphnia magna	Crustacean
EC: 204-541-5	EC50	Not relevant		
2-phenylethanol	LC50	Not relevant		
CAS: 60-12-8	EC50	330 mg/L (24 h)	Daphnia magna	Crustacean
EC: 200-456-2	EC50	490 mg/L (72 h)	Scenedesmus subspicatus	Algae
Citronella, ext.	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 8000-29-1	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 294-954-7	EC50	>1 - 10 mg/L (72 h)		Algae
Orange sweet, ext.	LC50	Not relevant		
CAS: 8028-48-6	EC50	Not relevant		
EC: 232-433-8	EC50	4,3 mg/L (72 h)	Desmodesmus subspicatus	Algae

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
Benzyl salicylate	LC50	1,03 mg/L (96 h)	Brachydanio rerio	Fish
CAS: 118-58-1	EC50	1,2 mg/L (48 h)	Daphnia magna	Crustacean
EC: 204-262-9	EC50	1,3 mg/L (72 h)	Selenastrum capricornutum	Algae
Ethyl 2-naphthyl ether	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 93-18-5	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 202-226-7	EC50	>1 - 10 mg/L (72 h)		Algae
Dipentene	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 5989-54-8	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 227-815-6	EC50	>1 - 10 mg/L (72 h)		Algae
Lemon, oil	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 8008-56-8	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 284-515-8	EC50	>0.1 - 1 mg/L (72 h)		Algae
Methyl salicylate	LC50	Not relevant		
CAS: 119-36-8	EC50	50 mg/L (24 h)	Daphnia magna	Crustacean
EC: 204-317-7	EC50	Not relevant		
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	LC50	1,428 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 127-51-5	EC50	4,7 mg/L (48 h)	Daphnia magna	Crustacean
EC: 204-846-3	EC50	20 mg/L (72 h)	Desmodesmus subspicatus	Algae
Linalyl acetate	LC50	11 mg/L (96 h)	Cyprinus carpio	Fish
CAS: 115-95-7	EC50	15 mg/L (48 h)	Daphnia magna	Crustacean
EC: 204-116-4	EC50	62 mg/L (72 h)	Desmodesmus subspicatus	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
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
2-methylundecanal	LC50	0,35 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 110-41-8	EC50	0,21 mg/L (48 h)	Daphnia magna	Crustacean
EC: 203-765-0	EC50	0,11 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
Citral diethyl acetal	LC50	>10 - 100 mg/L (96 h)		Fish
CAS: 90480-35-6	EC50	>10 - 100 mg/L (48 h)		Crustacean
EC: 291-768-8	EC50	>10 - 100 mg/L (72 h)		Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
Dipropylene Glycol Methyl Ether	NOEC	Not relevant		
CAS: 34590-94-8 EC: 252-104-2	NOEC	0,5 mg/L	Daphnia magna	Crustacean
Benzyl acetate	NOEC	0,92 mg/L	Oryzias latipes	Fish
CAS: 140-11-4 EC: 205-399-7	NOEC	Not relevant		
2,6-dimethyloct-7-en-2-ol	NOEC	Not relevant		
CAS: 18479-58-8 EC: 242-362-4	NOEC	9,5 mg/L	Daphnia magna	Crustacean
3-p-cumenyl-2-methylpropionaldehyde	NOEC	Not relevant		
CAS: 103-95-7 EC: 203-161-7	NOEC	0,71 mg/L	Daphnia magna	Crustacean
2-methylundecanal	NOEC	Not relevant		
CAS: 110-41-8 EC: 203-765-0	NOEC	0,033 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
Dipropylene Glycol Methyl Ether	BOD5	Not relevant	Concentration	Not relevant
CAS: 34590-94-8	COD	0 g O2/g	Period	28 days
EC: 252-104-2	BOD5/COD	Not relevant	% Biodegradable	73 %

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Degradability		Biodegradability	
Benzyl acetate	BOD5	Not relevant	Concentration	10 mg/L
CAS: 140-11-4	COD	Not relevant	Period	28 days
EC: 205-399-7	BOD5/COD	Not relevant	% Biodegradable	100 %
2-benzylideneheptanal	BOD5	Not relevant	Concentration	100 mg/L
CAS: 122-40-7	COD	Not relevant	Period	28 days
EC: 204-541-5	BOD5/COD	Not relevant	% Biodegradable	90 %
Linalool	BOD5	Not relevant	Concentration	100 mg/L
CAS: 78-70-6	COD	Not relevant	Period	28 days
EC: 201-134-4	BOD5/COD	Not relevant	% Biodegradable	90 %
2-phenylethanol	BOD5	Not relevant	Concentration	100 mg/L
CAS: 60-12-8	COD	Not relevant	Period	14 days
EC: 200-456-2	BOD5/COD	Not relevant	% Biodegradable	87 %
Orange sweet, ext.	BOD5	Not relevant	Concentration	10 mg/L
CAS: 8028-48-6	COD	2,52 g O2/g	Period	28 days
EC: 232-433-8	BOD5/COD	Not relevant	% Biodegradable	72 %
Benzyl salicylate	BOD5	Not relevant	Concentration	100 mg/L
CAS: 118-58-1	COD	Not relevant	Period	28 days
EC: 204-262-9	BOD5/COD	Not relevant	% Biodegradable	93 %
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 %
2,6-dimethyloct-7-en-2-ol	BOD5	Not relevant	Concentration	10 mg/L
CAS: 18479-58-8	COD	Not relevant	Period	28 days
EC: 242-362-4	BOD5/COD	Not relevant	% Biodegradable	72 %
Methyl salicylate	BOD5	Not relevant	Concentration	10 mg/L
CAS: 119-36-8	COD	Not relevant	Period	28 days
EC: 204-317-7	BOD5/COD	Not relevant	% Biodegradable	98,4 %
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	BOD5	Not relevant	Concentration	4 mg/L
CAS: 127-51-5	COD	Not relevant	Period	28 days
EC: 204-846-3	BOD5/COD	Not relevant	% Biodegradable	42,51 %
Linalyl acetate	BOD5	Not relevant	Concentration	81 mg/L
CAS: 115-95-7	COD	Not relevant	Period	28 days
EC: 204-116-4	BOD5/COD	Not relevant	% Biodegradable	80 %
Geraniol	BOD5	Not relevant	Concentration	100 mg/L
CAS: 106-24-1	COD	Not relevant	Period	21 days
EC: 203-377-1	BOD5/COD	Not relevant	% Biodegradable	70 %
3-p-cumenyl-2-methylpropionaldehyde	BOD5	Not relevant	Concentration	Not relevant
CAS: 103-95-7	COD	Not relevant	Period	28 days
EC: 203-161-7	BOD5/COD	Not relevant	% Biodegradable	65,5 %
2-methylundecanal	BOD5	Not relevant	Concentration	100 mg/L
CAS: 110-41-8	COD	Not relevant	Period	28 days
EC: 203-765-0	BOD5/COD	Not relevant	% Biodegradable	68 %

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
Benzyl acetate	BCF	8
CAS: 140-11-4	Pow Log	1.96
EC: 205-399-7	Potential	Low

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Bioaccumulation potential	
Hexyl cinnamaldehyde	BCF	17
CAS: 101-86-0	Pow Log	
EC: 202-983-3	Potential	Low
2-benzylideneheptanal	BCF	
CAS: 122-40-7	Pow Log	2.5
EC: 204-541-5	Potential	
Linalool	BCF	
CAS: 78-70-6	Pow Log	2.97
EC: 201-134-4	Potential	
2-phenylethanol	BCF	6
CAS: 60-12-8	Pow Log	1.36
EC: 200-456-2	Potential	Low
Benzyl salicylate	BCF	311
CAS: 118-58-1	Pow Log	4
EC: 204-262-9	Potential	High
Citral	BCF	10
CAS: 5392-40-5	Pow Log	3.45
EC: 226-394-6	Potential	Low
Methyl salicylate	BCF	4
CAS: 119-36-8	Pow Log	2.55
EC: 204-317-7	Potential	Low
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	BCF	
CAS: 127-51-5	Pow Log	3.49
EC: 204-846-3	Potential	
Linalyl acetate	BCF	174
CAS: 115-95-7	Pow Log	3.9
EC: 204-116-4	Potential	High
Geraniol	BCF	110
CAS: 106-24-1	Pow Log	3.56
EC: 203-377-1	Potential	High
3-p-cumenyl-2-methylpropionaldehyde	BCF	102
CAS: 103-95-7	Pow Log	3.05
EC: 203-161-7	Potential	High
2-methylundecanal	BCF	
CAS: 110-41-8	Pow Log	5
EC: 203-765-0	Potential	

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Benzyl acetate	Koc	Not relevant	Henry	Not relevant
CAS: 140-11-4	Conclusion	Not relevant	Dry soil	Not relevant
EC: 205-399-7	Surface tension	3,558E-2 N/m (25 ºC)	Moist soil	Not relevant
2-benzylideneheptanal	Koc	974.98	Henry	Not relevant
CAS: 122-40-7	Conclusion	Moderate	Dry soil	Not relevant
EC: 204-541-5	Surface tension	Not relevant	Moist soil	Not relevant
2-phenylethanol	Koc	Not relevant	Henry	Not relevant
CAS: 60-12-8	Conclusion	Not relevant	Dry soil	Not relevant
EC: 200-456-2	Surface tension	3,807E-2 N/m (25 ºC)	Moist soil	Not relevant
Benzyl salicylate	Koc	5600	Henry	Not relevant
CAS: 118-58-1	Conclusion	Immobile	Dry soil	Not relevant
EC: 204-262-9	Surface tension	Not relevant	Moist soil	Not relevant
3-ethoxy-4-hydroxybenzaldehyde	Koc	Not relevant	Henry	Not relevant
CAS: 121-32-4	Conclusion	Not relevant	Dry soil	Not relevant
EC: 204-464-7	Surface tension	1,87E-2 N/m (276,18 ºC)	Moist soil	Not relevant

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Absorption/desorption		Volatility	
Methyl salicylate	Koc	222	Henry	4,76 Pa·m³/mol
CAS: 119-36-8	Conclusion	High	Dry soil	Not relevant
EC: 204-317-7	Surface tension	4,004E-2 N/m (25 ºC)	Moist soil	Not relevant
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	Koc	3061.96	Henry	Not relevant
CAS: 127-51-5	Conclusion	Low	Dry soil	Not relevant
EC: 204-846-3	Surface tension	Not relevant	Moist soil	Not relevant
Linalyl acetate	Koc	518	Henry	177 Pa·m³/mol
CAS: 115-95-7	Conclusion	Low	Dry soil	Yes
EC: 204-116-4	Surface tension	Not relevant	Moist soil	Yes
2-methylundecanal	Koc	4000	Henry	Not relevant
CAS: 110-41-8	Conclusion	Low	Dry soil	Not relevant
EC: 203-765-0	Surface tension	Not relevant	Moist soil	Not relevant

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not 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	Hazardous

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

HP14 Ecotoxic, HP4 Irritant — skin irritation and eye damage

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-hazardous 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

Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:

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SECTION 14: TRANSPORT INFORMATION (continued)

14.1	**UN number or ID number:**	UN3082
14.2	**UN proper shipping name:**	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexyl cinnamaldehyde)
14.3	**Transport hazard class(es):**	9
	Labels:	9
14.4	**Packing group:**	III
14.5	**Environmental hazards:**	Yes
14.6	**Special precautions for user**	
	Special regulations:	274, 335, 375, 601
	Tunnel restriction code:	-
	Physico-Chemical properties:	see section 9
	Limited quantities:	5 L
14.7	**Maritime transport in bulk according to IMO instruments:**	Not relevant

Transport of dangerous goods by sea:

With regard to IMDG 41-22:

14.1	**UN number or ID number:**	UN3082
14.2	**UN proper shipping name:**	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexyl cinnamaldehyde)
14.3	**Transport hazard class(es):**	9
	Labels:	9
14.4	**Packing group:**	III
14.5	**Marine pollutant:**	Yes
14.6	**Special precautions for user**	
	Special regulations:	335, 969, 274
	EmS Codes:	F-A, S-F
	Physico-Chemical properties:	see section 9
	Limited quantities:	5 L
	Segregation group:	Not relevant
14.7	**Maritime transport in bulk according to IMO instruments:**	Not relevant

Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:

14.1	**UN number or ID number:**	UN3082
14.2	**UN proper shipping name:**	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexyl cinnamaldehyde)
14.3	**Transport hazard class(es):**	9
	Labels:	9
14.4	**Packing group:**	III
14.5	**Environmental hazards:**	Yes
14.6	**Special precautions for user**	
	Physico-Chemical properties:	see section 9
14.7	**Maritime transport in bulk according to IMO instruments:**	Not relevant

SECTION 15: REGULATORY INFORMATION

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

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SECTION 15: REGULATORY INFORMATION (continued)

- Article 95, REGULATION (EU) No 528/2012: *Orange sweet, ext. (8028-48-6) - PT: (19) ; Geraniol (106-24-1) - PT: (18,19)*
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

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

Shall not be used in:
—ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
—tricks and jokes,
—games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

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.:

Not relevant

Texts of the legislative phrases mentioned in section 2:

H319: Causes serious eye irritation.
H317: May cause an allergic skin reaction.
H411: Toxic to aquatic life with long lasting effects.
H315: Causes skin irritation.

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:

Acute Tox. 4: H302 - Harmful if swallowed.
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.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Repr. 2: H361 - Suspected of damaging fertility or the unborn child.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Skin Sens. 1B: H317 - May cause an allergic skin reaction.
STOT SE 3: H336 - May cause drowsiness or dizziness.

Classification procedure:

Eye Irrit. 2: Calculation method
Skin Sens. 1B: Calculation method
Aquatic Chronic 2: Calculation method
Skin Irrit. 2: Calculation method

Advice related to training:

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SECTION 16: OTHER INFORMATION (continued)

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

- END OF SAFETY DATA SHEET -