

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:

Non-applicable

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

Classification of the substance or mixture: 2.1

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 Sens. 1B: Sensitisation, skin, Category 1B, H317

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Warning



Hazard statements:

H317 - May cause an allergic skin reaction.

- H319 Causes serious eye irritation.
- H411 Toxic 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.

P273: Avoid release to the environment.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P501: Dispose of contents/container to approved disposal site, in accordance with local regulations.

Supplementary information:

Contains hexyl cinnamal, amylcinnamic aldehyde, hydroxycitronellal, linalool, citronella, ext., orange sweet, ext., orange terpens, benzyl salicylate, alpha-iso-methylione, citral, lemon oil, linalyl acetate, geraniol, cyclamen aldehyde.

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:

Non-applicable



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<u>SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)</u>

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:	56539-66-3	3-methoxy-3-methyll	butan-1-ol ⁽¹⁾	Self-classified	
	260-252-4 Non-applicable 01-2119976333-33- XXXX	Regulation 1272/2008	Eye Irrit. 2: H319 - Warning	٩	30 - <35 %
AS:	34590-94-8	Dipropylene Glycol M	ethyl Ether ⁽²⁾	Not classified	
	252-104-2 Non-applicable 01-2119450011-60- XXXX	Regulation 1272/2008			30 - <35 %
CAS:	140-11-4	Benzyl acetate ⁽¹⁾		Self-classified	
	205-399-7 Non-applicable 01-2119638272-42- XXXX	Regulation 1272/2008	Aquatic Chronic 3: H412		3 - <4 %
CAS:	101-86-0	Hexyl cinnamal ⁽¹⁾		Self-classified	
	202-983-3 Non-applicable 01-211533092-50	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	(Ì) (I)	3 - <4 %
CAS:	122-40-7	Amylcinnamic aldehy	de ⁽¹⁾	Self-classified	
	204-541-5 Non-applicable 01-2119978288-18	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	\$	3 - <4 %
CAS:	107-75-5	Hydroxycitronellal ⁽¹⁾		Self-classified	
	203-518-7 Non-applicable 01-2119973482-31	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Sens. 1B: H317 - Warning	♦	3 - <4 %
CAS:	78-70-6	78-70-6 Linalool ⁽¹⁾		Self-classified	
	201-134-4 603-235-00-2 01-2119474016-42	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	٩	2 - <3 %
CAS:	60-12-8	2-phenylethanol ⁽¹⁾		Self-classified	
	200-456-2 Non-applicable 01-2119963921-31- XXXX	Regulation 1272/2008	Acute Tox. 4: H302; Eye Irrit. 2: H319 - Warning	٩	1 - <2 %
CAS:	8000-29-1	Citronella, ext.(1)		Self-classified	
	294-954-7 Non-applicable 01-2120741487-48	Regulation 1272/2008	Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	\$ \$ \$	1 - <2 %
CAS:	118-58-1	Benzyl salicylate ⁽¹⁾		Self-classified	
	204-262-9 607-754-00-5 01-2119969442-31	Regulation 1272/2008	Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Sens. 1B: H317 - Warning	♦	1 - <2 %
CAS:	93-18-5	Ethyl 2-naphthyl ethe	Pr ⁽¹⁾	Self-classified	
	202-226-7 Non-applicable 01-2120176465-49- XXXX	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Irrit. 2: H315 - Warning	1.	1 - <2 %
CAS:	8028-48-6	Orange sweet, ext.(1)		Self-classified	[
EC: Index:	232-433-8 Non-applicable 01-2119493353-35	Regulation 1272/2008	Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2:	1.0.0	1 - <2 %
CAS:	68647-72-3	Orange terpens ⁽¹⁾		Self-classified	
	232-433-8 Non-applicable 01-2119493353-35	Regulation 1272/2008	Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	1	1 - <2 %
CAS:	5392-40-5	Citral ⁽¹⁾	1	Self-classified	
EC:	226-394-6 605-019-00-3 01-2119462829-23	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	¢	0,75 - <1 %

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 202
⁽²⁾ Substance with a Union workplace exposure limit

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Chemical name/Classification	Concentration
CAS: 127-51-5 EC: 204-846-3	alpha-iso-methylione ⁽¹⁾ Self-classified	
Index: Non-applicable REACH: 01-2119471851-35	Regulation 1272/2008 Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Sens. 1B: H317 - Warning	0,5 - <0,75 %
CAS: 84929-31-7	Lemon oil ⁽¹⁾ Self-classified	
EC: 284-515-8 Index: Non-applicable REACH: 01-2119495512-35	Regulation 1272/2008 Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	0,5 - <0,75 %
CAS: 115-95-7	Linalyl acetate ⁽¹⁾ Self-classified	
EC: 204-116-4 Index: Non-applicable REACH: 01-2119454789-19	Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	0,25 - <0,5 %
CAS: 106-24-1	Geraniol ⁽¹⁾ Self-classified	
EC: 203-377-1 Index: 603-241-00-5 REACH: 01-2119552430-49	Regulation 1272/2008 Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	0,25 - <0,5 %
CAS: 103-95-7	Cyclamen aldehyde ⁽¹⁾ Self-classified	
EC: 203-161-7 Index: Non-applicable REACH: 01-2119970582-32	Regulation 1272/2008 Aquatic Chronic 3: H412; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	0,1 - <0,25 %

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

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

SECTION 4: FIRST AID MEASURES

Description of first aid measures: 4.1

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 does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or 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 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.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media: 5.1

Suitable extinguishing media:

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

SECTION 5: FIREFIGHTING MEASURES (continued)

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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:

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:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

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:



SECTION 7: HANDLING AND STORAGE (continued)

A.- Technical measures for storage

Minimum Temp.:	5 °C
Maximum Temp.:	35 ⁰C

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/m ³
CAS: 34590-94-8 EC: 252-104-2	IOELV (STEL)		

DNEL (Workers):

		Short	exposure	Long	exposure
Identification		Systemic	Local	Systemic	Local
3-methoxy-3-methylbutan-1-ol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 56539-66-3	Dermal	Non-applicable	Non-applicable	6,25 mg/kg	Non-applicable
EC: 260-252-4	Inhalation	Non-applicable	Non-applicable	18 mg/m ³	Non-applicable
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/m ³	Non-applicable
Benzyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 140-11-4	Dermal	Non-applicable	Non-applicable	2,5 mg/kg	Non-applicable
EC: 205-399-7	Inhalation	Non-applicable	Non-applicable	9 mg/m ³	Non-applicable
Hydroxycitronellal	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 107-75-5	Dermal	Non-applicable	Non-applicable	1,9 mg/kg	Non-applicable
EC: 203-518-7	Inhalation	Non-applicable	Non-applicable	18 mg/m ³	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/m ³	Non-applicable
2-phenylethanol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 60-12-8	Dermal	Non-applicable	Non-applicable	21,2 mg/kg	Non-applicable
EC: 200-456-2	Inhalation	Non-applicable	Non-applicable	59,9 mg/m ³	Non-applicable
Benzyl salicylate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 118-58-1	Dermal	Non-applicable	Non-applicable	2,21 mg/kg	Non-applicable
EC: 204-262-9	Inhalation	Non-applicable	Non-applicable	7,8 mg/m ³	Non-applicable
Ethyl 2-naphthyl ether	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 93-18-5	Dermal	Non-applicable	Non-applicable	0,0798 mg/kg	Non-applicable
EC: 202-226-7	Inhalation	Non-applicable	Non-applicable	0,281 mg/m ³	Non-applicable
Orange sweet, ext.	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 8028-48-6	Dermal	Non-applicable	Non-applicable	8,89 mg/kg	Non-applicable
EC: 232-433-8	Inhalation	Non-applicable	Non-applicable	31,1 mg/m ³	Non-applicable



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Short	exposure	Long	Long exposure	
Identification		Systemic	Local	Systemic	Local	
Orange terpens	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 68647-72-3	Dermal	Non-applicable	Non-applicable	8,89 mg/kg	Non-applicable	
EC: 232-433-8	Inhalation	Non-applicable	Non-applicable	31,1 mg/m ³	Non-applicable	
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/m ³	Non-applicable	
alpha-iso-methylione	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 127-51-5	Dermal	Non-applicable	Non-applicable	0,375 mg/kg	Non-applicable	
EC: 204-846-3	Inhalation	Non-applicable	Non-applicable	8,22 mg/m ³	Non-applicable	
Lemon oil	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 84929-31-7	Dermal	Non-applicable	Non-applicable	6,67 mg/kg	Non-applicable	
EC: 284-515-8	Inhalation	Non-applicable	Non-applicable	23,3 mg/m ³	Non-applicable	
Linalyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 115-95-7	Dermal	Non-applicable	Non-applicable	2,5 mg/kg	Non-applicable	
EC: 204-116-4	Inhalation	Non-applicable	Non-applicable	2,75 mg/m ³	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/m ³	Non-applicable	
Cyclamen aldehyde	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/m ³	Non-applicable	

DNEL (General population):

		Short e	Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local	
3-methoxy-3-methylbutan-1-ol	Oral	Non-applicable	Non-applicable	2,5 mg/kg	Non-applicable	
CAS: 56539-66-3	Dermal	Non-applicable	Non-applicable	3,1 mg/kg	Non-applicable	
EC: 260-252-4	Inhalation	Non-applicable	Non-applicable	4,4 mg/m ³	Non-applicable	
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/m ³	Non-applicable	
Benzyl acetate	Oral	Non-applicable	Non-applicable	1,3 mg/kg	Non-applicable	
CAS: 140-11-4	Dermal	Non-applicable	Non-applicable	1,3 mg/kg	Non-applicable	
EC: 205-399-7	Inhalation	Non-applicable	Non-applicable	2,2 mg/m ³	Non-applicable	
Hydroxycitronellal	Oral	Non-applicable	Non-applicable	0,6 mg/kg	Non-applicable	
CAS: 107-75-5	Dermal	Non-applicable	Non-applicable	1,1 mg/kg	Non-applicable	
EC: 203-518-7	Inhalation	Non-applicable	Non-applicable	5,4 mg/m ³	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/m ³	Non-applicable	
2-phenylethanol	Oral	5,1 mg/kg	Non-applicable	5,1 mg/kg	Non-applicable	
CAS: 60-12-8	Dermal	Non-applicable	Non-applicable	12,7 mg/kg	Non-applicable	
EC: 200-456-2	Inhalation	Non-applicable	Non-applicable	17,7 mg/m ³	Non-applicable	
Benzyl salicylate	Oral	Non-applicable	Non-applicable	0,79 mg/kg	Non-applicable	
CAS: 118-58-1	Dermal	Non-applicable	Non-applicable	0,79 mg/kg	Non-applicable	
EC: 204-262-9	Inhalation	Non-applicable	Non-applicable	1,37 mg/m ³	Non-applicable	
Ethyl 2-naphthyl ether	Oral	Non-applicable	Non-applicable	0,0285 mg/kg	Non-applicable	
CAS: 93-18-5	Dermal	Non-applicable	Non-applicable	0,0285 mg/kg	Non-applicable	
EC: 202-226-7	Inhalation	Non-applicable	Non-applicable	0,0422 mg/m ³	Non-applicable	
Orange sweet, ext.	Oral	Non-applicable	Non-applicable	4,44 mg/kg	Non-applicable	
CAS: 8028-48-6	Dermal	Non-applicable	Non-applicable	4,44 mg/kg	Non-applicable	
EC: 232-433-8	Inhalation	Non-applicable	Non-applicable	7,78 mg/m ³	Non-applicable	



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Short	exposure	Lon	g exposure
Identification		Systemic	Local	Systemic	Local
Orange terpens	Oral	Non-applicable	Non-applicable	4,44 mg/kg	Non-applicable
CAS: 68647-72-3	Dermal	Non-applicable	Non-applicable	4,44 mg/kg	Non-applicable
EC: 232-433-8	Inhalation	Non-applicable	Non-applicable	7,78 mg/m ³	Non-applicable
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/m ³	Non-applicable
alpha-iso-methylione	Oral	Non-applicable	Non-applicable	0,0355 mg/kg	Non-applicable
CAS: 127-51-5	Dermal	Non-applicable	Non-applicable	0,0446 mg/kg	Non-applicable
EC: 204-846-3	Inhalation	Non-applicable	Non-applicable	1,45 mg/m ³	Non-applicable
Lemon oil	Oral	Non-applicable	Non-applicable	3,33 mg/kg	Non-applicable
CAS: 84929-31-7	Dermal	Non-applicable	Non-applicable	3,33 mg/kg	Non-applicable
EC: 284-515-8	Inhalation	Non-applicable	Non-applicable	5,8 mg/m ³	Non-applicable
Linalyl acetate	Oral	Non-applicable	Non-applicable	0,2 mg/kg	Non-applicable
CAS: 115-95-7	Dermal	Non-applicable	Non-applicable	1,25 mg/kg	Non-applicable
EC: 204-116-4	Inhalation	Non-applicable	Non-applicable	0,68 mg/m ³	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/m ³	Non-applicable
Cyclamen aldehyde	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/m ³	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 (Marin	e 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	Non-applicable	Sediment (Marin	ie 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	-	0,145 mg/kg
	Oral	Non-applicable	Sediment (Marin	ie 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	-	2,22 mg/kg
	Oral	0,0078 g/kg	Sediment (Marin	ie 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		1,454 mg/kg
	Oral	Non-applicable	Sediment (Marin	e water)	0,145 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	,	0,583 mg/kg
	Oral	0,0527 g/kg	Sediment (Marin	e water)	0,058 mg/kg
Ethyl 2-naphthyl ether	STP	Non-applicable	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	-	0,722 mg/kg
	Oral	Non-applicable	Sediment (Marin	e water)	0,0722 mg/kg



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
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	Non-applicable	Sediment (Marine water)	0,13 mg/kg
Orange terpens	STP	2,1 mg/L	Fresh water	0,0054 mg/L
CAS: 68647-72-3	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	Non-applicable	Sediment (Marine water)	0,13 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
alpha-iso-methylione	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	Non-applicable	Sediment (Marine water)	0,0443 mg/kg
Lemon oil	STP	2,1 mg/L	Fresh water	0,0054 mg/L
CAS: 84929-31-7	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	Non-applicable	Sediment (Marine water)	0,13 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	Non-applicable	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	Non-applicable	Sediment (Marine water)	0,011 mg/kg
Cyclamen aldehyde	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	Chemical protective gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.4 mm)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

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



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Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according manufacturer's instructions. Use if there is a splashing.
- Body protection	· ·			
Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing	CATI		Replace before any evidence of deterioration periods of prolonged exposure to the produ professional/industrial users CE III is recomm in accordance with the regulations in EN I 6529:2013, EN ISO 6530:2005, EN ISO 13688 EN 464:1994.
	Anti-slip work shoes	CATI	EN ISO 20347:2012	Replace before any evidence of deterioration periods of prolonged exposure to the produc professional/industrial users CE III is recomm in accordance with the regulations in EN I 20345:2012 y EN 13832-1:2007

Emergency measure	Standards	Emergency measure	Standards
Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	Evewash 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 °C:	Liquid
Appearance:	Fluid
Colour:	Colourless
Odour:	Pleasant
Odour threshold:	Non-applicable *
Volatility:	
Boiling point at atmospheric pressure:	Non-applicable *
Vapour pressure at 20 °C:	72 Pa
Vapour pressure at 50 °C:	508,51 Pa (0,51 kPa)
Evaporation rate at 20 °C:	Non-applicable *
Product description:	
Density at 20 °C:	954,8 kg/m³
Relative density at 20 °C:	0,955
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
*Not relevant due to the nature of the product, not providi	ng information property of its hazards.



SECT	TON 9: PHYSICAL AND CHEMICAL PROPERTIES	S (continued)
	pH:	Non-applicable *
	Vapour density at 20 °C:	Non-applicable *
	Partition coefficient n-octanol/water 20 °C:	Non-applicable *
	Solubility in water at 20 °C:	Non-applicable *
	Solubility properties:	Non-applicable *
	Decomposition temperature:	Non-applicable *
	Melting point/freezing point:	Non-applicable *
	Flammability:	
	Flash Point:	Non Flammable (>60 °C)
	Flammability (solid, gas):	Non-applicable *
	Autoignition temperature:	Non-applicable *
	Lower flammability limit:	Non-applicable *
	Upper flammability limit:	Non-applicable *
	Particle characteristics:	
	Median equivalent diameter:	Non-applicable
9.2	Other information:	
	Information with regard to physical hazard clas	ses:
	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 °C:	Non-applicable *
	Refraction index:	Non-applicable *
	*Not relevant due to the nature of the product, not providing infor	mation 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

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: 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, 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: 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: 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, 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, as it does not contain substances classified as hazardous for this effect. 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
Citronella, ext.	LD50 oral	4100 mg/kg	
CAS: 8000-29-1	LD50 dermal	4200 mg/kg	
EC: 294-954-7	LC50 inhalation	Non-applicable	



SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	A	Acute toxicity		
Orange sweet, ext.	LD50 oral	>5000 mg/kg	Rat	
CAS: 8028-48-6	LD50 dermal	>5000 mg/kg	Rabbit	
EC: 232-433-8	LC50 inhalation	Non-applicable		
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		
Benzyl salicylate	LD50 oral	2200 mg/kg	Rat	
CAS: 118-58-1	LD50 dermal	14150 mg/kg	Rabbit	
EC: 204-262-9	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		
Hexyl cinnamal	LD50 oral	3100 mg/kg	Rat	
CAS: 101-86-0	LD50 dermal	3000 mg/kg	Rabbit	
EC: 202-983-3	LC50 inhalation	Non-applicable		
2-phenylethanol	LD50 oral	1610 mg/kg	Rat	
CAS: 60-12-8	LD50 dermal	2100 mg/kg	Rabbit	
EC: 200-456-2	LC50 inhalation	Non-applicable		
Benzyl acetate	LD50 oral	2490 mg/kg	Rat	
CAS: 140-11-4	LD50 dermal	Non-applicable		
EC: 205-399-7	LC50 inhalation	Non-applicable		
Amylcinnamic aldehyde	LD50 oral	3730 mg/kg	Rat	
CAS: 122-40-7	LD50 dermal	Non-applicable		
EC: 204-541-5	LC50 inhalation	Non-applicable		
Ethyl 2-naphthyl ether	LD50 oral	3110 mg/kg	Rat	
CAS: 93-18-5	LD50 dermal	Non-applicable		
EC: 202-226-7	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		
alpha-iso-methylione	LD50 oral	>5000 mg/kg	Rat	
CAS: 127-51-5	LD50 dermal	>5000 mg/kg	Rabbit	
EC: 204-846-3	LC50 inhalation	Non-applicable		
Lemon oil	LD50 oral	>5000 mg/kg	Rat	
CAS: 84929-31-7	LD50 dermal	10000 mg/kg	Rabbit	
EC: 284-515-8	LC50 inhalation	Non-applicable		
Linalyl acetate	LD50 oral	14500 mg/kg	Rat	
CAS: 115-95-7	LD50 dermal	5610 mg/kg	Rabbit	
EC: 204-116-4	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		
Cyclamen aldehyde	LD50 oral	3810 mg/kg	Rat	
CAS: 103-95-7	LD50 dermal	Non-applicable		
EC: 203-161-7	LC50 inhalation	Non-applicable		

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Endocrine disrupting properties

Endocrine-disrupting properties: The product does not 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

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	Crustacear
EC: 252-104-2	EC50	Non-applicable		
Benzyl acetate	LC50	Non-applicable		
CAS: 140-11-4	EC50	17 mg/L (48 h)	Daphnia magna	Crustacear
EC: 205-399-7	EC50	110 mg/L (72 h)	Desmodesmus subspicatus	Algae
Hexyl cinnamal	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 101-86-0	EC50	>0.1 - 1 mg/L (48 h)		Crustacear
EC: 202-983-3	EC50	>0.1 - 1 mg/L (72 h)		Algae
Amylcinnamic aldehyde	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 122-40-7	EC50	>1 - 10 mg/L (48 h)		Crustacear
EC: 204-541-5	EC50	>1 - 10 mg/L (72 h)		Algae
2-phenylethanol	LC50	Non-applicable		
CAS: 60-12-8	EC50	330 mg/L (24 h)	Daphnia magna	Crustacea
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)		Crustacea
EC: 294-954-7	EC50	>1 - 10 mg/L (72 h)		Algae
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	Crustacea
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)		Crustacea
EC: 202-226-7	EC50	>1 - 10 mg/L (72 h)		Algae
Drange sweet, ext.	LC50	Non-applicable		
CAS: 8028-48-6	EC50	Non-applicable		
EC: 232-433-8	EC50	4,3 mg/L (72 h)	Desmodesmus subspicatus	Algae
Orange terpens	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 68647-72-3	EC50	>1 - 10 mg/L (48 h)		Crustacea
EC: 232-433-8	EC50	>1 - 10 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	Crustacea
EC: 226-394-6	EC50	16 mg/L (72 h)	Scenedesmus subspicatus	Algae
alpha-iso-methylione	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 127-51-5	EC50	>1 - 10 mg/L (48 h)		Crustacea
EC: 204-846-3	EC50	>1 - 10 mg/L (72 h)		Algae
Lemon oil	LC50	Non-applicable		-
CAS: 84929-31-7	EC50	Non-applicable		
EC: 284-515-8	EC50	8 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
Linalyl acetate	LC50	11 mg/L (96 h)	Cyprinus carpio	Fish
CAS: 115-95-7	EC50	15 mg/L (48 h)	Daphnia magna	Crustacear
EC: 204-116-4	EC50	62 mg/L (72 h)	Desmodesmus subspicatus	Algae
Cyclamen aldehyde	LC50	1,092 mg/L (96 h)	N/A	Fish
CAS: 103-95-7	EC50	1,4 mg/L (48 h)	Daphnia magna	Crustacear
EC: 203-161-7	EC50	3,8 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae



SECTION 12: ECOLOGICAL INFORMATION (continued)

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
Benzyl acetate	NOEC	0,92 mg/L	Oryzias latipes	Fish
CAS: 140-11-4 EC: 205-399-7	NOEC	Non-applicable		
Cyclamen aldehyde	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:

Identification	De	egradability	Biode	egradability
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 %
Benzyl acetate	BOD5	Non-applicable	Concentration	10 mg/L
CAS: 140-11-4	COD	Non-applicable	Period	28 days
EC: 205-399-7	BOD5/COD	Non-applicable	% Biodegradable	100 %
Amylcinnamic aldehyde	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 122-40-7	COD	Non-applicable	Period	28 days
EC: 204-541-5	BOD5/COD	Non-applicable	% Biodegradable	90 %
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 %
2-phenylethanol	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 60-12-8	COD	Non-applicable	Period	14 days
EC: 200-456-2	BOD5/COD	Non-applicable	% Biodegradable	87 %
Benzyl salicylate	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 118-58-1	COD	Non-applicable	Period	28 days
EC: 204-262-9	BOD5/COD	Non-applicable	% Biodegradable	93 %
Orange sweet, ext.	BOD5	Non-applicable	Concentration	10 mg/L
CAS: 8028-48-6	COD	2,52 g O2/g	Period	28 days
EC: 232-433-8	BOD5/COD	Non-applicable	% Biodegradable	72 %
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 %
alpha-iso-methylione	BOD5	Non-applicable	Concentration	4 mg/L
CAS: 127-51-5	COD	Non-applicable	Period	28 days
EC: 204-846-3	BOD5/COD	Non-applicable	% Biodegradable	42,51 %
Linalyl acetate	BOD5	Non-applicable	Concentration	81 mg/L
CAS: 115-95-7	COD	Non-applicable	Period	28 days
EC: 204-116-4	BOD5/COD	Non-applicable	% Biodegradable	80 %
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 %
Cyclamen aldehyde	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	





SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Bioa	Bioaccumulation potential		
Benzyl acetate	BCF	8		
CAS: 140-11-4	Pow Log	1.96		
EC: 205-399-7	Potential	Low		
Hexyl cinnamal	BCF	17		
CAS: 101-86-0	Pow Log			
EC: 202-983-3	Potential	Low		
Amylcinnamic aldehyde	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		
alpha-iso-methylione	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		
Cyclamen aldehyde	BCF	102		
CAS: 103-95-7	Pow Log	3.05		
EC: 203-161-7	Potential	High		

12.4 Mobility in soil:

Identification	Absorp	tion/desorption	V	olatility
Benzyl acetate	Кос	Non-applicable	Henry	Non-applicable
CAS: 140-11-4	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 205-399-7	Surface tension	3,558E-2 N/m (25 °C)	Moist soil	Non-applicable
Amylcinnamic aldehyde	Кос	974.98	Henry	Non-applicable
CAS: 122-40-7	Conclusion	Moderate	Dry soil	Non-applicable
EC: 204-541-5	Surface tension	Non-applicable	Moist soil	Non-applicable
2-phenylethanol	Кос	Non-applicable	Henry	Non-applicable
CAS: 60-12-8	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 200-456-2	Surface tension	3,807E-2 N/m (25 °C)	Moist soil	Non-applicable
Benzyl salicylate	Кос	5600	Henry	Non-applicable
CAS: 118-58-1	Conclusion	Immobile	Dry soil	Non-applicable
EC: 204-262-9	Surface tension	Non-applicable	Moist soil	Non-applicable
alpha-iso-methylione	Кос	3061.96	Henry	Non-applicable
CAS: 127-51-5	Conclusion	Low	Dry soil	Non-applicable
EC: 204-846-3	Surface tension	Non-applicable	Moist soil	Non-applicable



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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Absorption/desorption		Volatility	
Linalyl acetate	Кос	518	Henry	177 Pa·m³/mol
CAS: 115-95-7	Conclusion	Low	Dry soil	Yes
EC: 204-116-4	Surface tension	Non-applicable	Moist soil	Yes

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	Dangerous

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-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

Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:

<u>ر المراجع</u>		UN number or ID number: UN proper shipping name:	UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexyl cinnamal)
\vee \vee	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:	Non-applicable
Transport of da	ngerou	is goods by sea:	
With regard to IM	DG 40-	20:	



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ECTION 14: T	RANSPORT INFORMATION (c	continued)
14.1	UN number or ID number:	Non-applicable
14.2	UN proper shipping name:	Non-applicable
	Transport hazard class(es):	Non-applicable
	Labels:	Non-applicable
14.4	Packing group:	Non-applicable
14.5	Marine pollutant:	No
14.6	Special precautions for user	
	Special regulations:	Non-applicable
	EmS Codes:	
	Physico-Chemical properties:	see section 9
	Limited quantities:	Non-applicable
	Segregation group:	Non-applicable
14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable
Transpo	rt of dangerous goods by air:	
With rega	rd to IATA/ICAO 2023:	
14.1	UN number or ID number:	Non-applicable
14.2	UN proper shipping name:	Non-applicable
14.3	Transport hazard class(es):	Non-applicable
	Labels:	Non-applicable
14.4	Packing group:	Non-applicable
14.5	Environmental hazards:	No
14.6	Special precautions for user	
	Physico-Chemical properties:	see section 9
14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable

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)

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):

Shall not be used in:

-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.:

Non-applicable

Texts of the legislative phrases mentioned in section 2:

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

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 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. 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.

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.