


In-Wash Perfume Oil Velvet Tuberose

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

- 1.1 Product identifier:** In-Wash Perfume Oil Velvet Tuberose
Other means of identification:
UFI: A0N3-108H-D00T-CC45
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses (Consumer use): Intensive Laundry Perfume.
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
MB ELIX sp. z oo sp.k.
ul. Skarżyńskiego 26
54-530 Wrocław - Poland
Phone: 0048 71 387 85 33 - Fax: 0048 71 722 29 68
lab@elix.pl
www.elixscent.com
- 1.4 Emergency telephone number:** 0048 71 387 85 33 (8.00-16.00)

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) No 1272/2008:
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Skin Sens. 1A: Sensitisation, skin, Category 1A, H317
- 2.2 Label elements:**
CLP Regulation (EC) No 1272/2008:
Warning

Hazard statements:
H317 - May cause an allergic skin reaction.
H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements:
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P302+P352: IF ON SKIN: Wash with plenty of water.
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 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, hexyl cinnamaldehyde, linalool, eugenol, linalyl acetate, 2-benzylideneheptanal, [3R-(3a,3aβ,6β,7β,8aa)]-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene, cinnamonnitrile, 1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one, coumarin, (E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one, isopentyl salicylate, piperonal, methyl heptin carbonate, cinnamaldehyde, isoeugenol.
UFI: A0N3-108H-D00T-CC45
- 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
- 3.2 Mixture:**
Chemical description: Mixture composed of chemical products

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Components:

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

Identification	Chemical name/Classification	Concentration
CAS: 100-79-8 EC: 202-888-7 Index: Not relevant REACH: 01-2120066005-66-XXXX	2,2-dimethyl-1,3-dioxolan-4-ylmethanol⁽¹⁾ Self-classified Regulation 1272/2008 Eye Irrit. 2: H319 - Warning	5 - <7.5%
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⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	2 - <3%
CAS: 140-11-4 EC: 205-399-7 Index: Not relevant REACH: 01-2119638272-42-XXXX	Benzyl acetate⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 3: H412	1 - <2%
CAS: 101-86-0 EC: 202-983-3 Index: Not relevant REACH: 01-2119533092-50-XXXX	Hexyl cinnamaldehyde⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	1 - <2%
CAS: 88-41-5 EC: 201-828-7 Index: Not relevant REACH: 01-2119970713-33-XXXX	2-tert-butylcyclohexyl acetate⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411	1 - <2%
CAS: 1335-46-2 EC: 215-635-0 Index: Not relevant REACH: 01-2119471851-35-XXXX	Ionone, methyl-⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning	1 - <2%
CAS: 63500-71-0 EC: 405-040-6 Index: 603-101-00-3 REACH: 01-2119455547-30-XXXX	Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)⁽¹⁾ ATP CLP00 Regulation 1272/2008 Eye Irrit. 2: H319 - Warning	1 - <2%
CAS: 78-70-6 EC: 201-134-4 Index: 603-235-00-2 REACH: 01-2119474016-42-XXXX	Linalool⁽¹⁾ Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	0.75 - <1%
CAS: 97-53-0 EC: 202-589-1 Index: Not relevant REACH: 01-2119971802-33-XXXX	Eugenol⁽¹⁾ Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Sens. 1B: H317 - Warning	0.5 - <0.75%
CAS: 134737-05-6 EC: Not relevant Index: Not relevant REACH: Not relevant	Siloxanes and Silicones, dimethyl, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts)⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 2: H411 - Warning	0.25 - <0.5%
CAS: 115-95-7 EC: 204-116-4 Index: Not relevant REACH: 01-2119454789-19-XXXX	Linalyl acetate⁽¹⁾ Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	0.25 - <0.5%
CAS: 123-11-5 EC: 204-602-6 Index: Not relevant REACH: 01-2119977101-43-XXXX	Anisaldehyde⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 3: H412; Repr. 2: H361 - Warning	0.25 - <0.5%
CAS: 122-40-7 EC: 204-541-5 Index: Not relevant REACH: 01-2120740487-49-XXXX	2-benzylideneheptanal⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	0.1 - <0.25%
CAS: 19870-74-7 EC: 243-384-7 Index: Not relevant REACH: 01-2120228335-61-XXXX	[3R-(3a,3aß,6ß,7ß,8aa)]-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1B: H317 - Warning	0.1 - <0.25%
CAS: 1885-38-7 EC: 224-441-5 Index: Not relevant REACH: 01-2120756335-52-XXXX	Cinnamonnitrile⁽¹⁾ Self-classified Regulation 1272/2008 Acute Tox. 3: H301; Acute Tox. 4: H312; Skin Sens. 1B: H317 - Danger	0.1 - <0.25%

⁽¹⁾ 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: 127-43-5 EC: 204-843-7 Index: Not relevant REACH: Not relevant	1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one⁽¹⁾	Self-classified	0.1 - <0.25%
	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 68901-15-5 EC: 272-657-3 Index: Not relevant REACH: 01-2120770514-54-XXXX	Allyl (cyclohexyloxy)acetate⁽¹⁾	Self-classified	0.1 - <0.25%
	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning	
CAS: 91-64-5 EC: 202-086-7 Index: Not relevant REACH: 01-2119949300-45-XXXX	Coumarin⁽¹⁾	Self-classified	0.1 - <0.25%
	Regulation 1272/2008	Acute Tox. 4: H302; Skin Sens. 1B: H317 - Warning	
CAS: 23726-91-2 EC: 245-842-1 Index: Not relevant REACH: 01-2120094433-55-XXXX	(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one⁽¹⁾	Self-classified	0.1 - <0.25%
	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 87-20-7 EC: 201-730-4 Index: Not relevant REACH: 01-2120113917-55-XXXX	Isopentyl salicylate⁽¹⁾	Self-classified	0.1 - <0.25%
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	
CAS: 120-57-0 EC: 204-409-7 Index: Not relevant REACH: 01-2119983608-21-XXXX	Piperonal⁽¹⁾	Self-classified	0.1 - <0.25%
	Regulation 1272/2008	Repr. 2: H361; Skin Sens. 1B: H317 - Warning	
CAS: 111-12-6 EC: 203-836-6 Index: Not relevant REACH: 01-2120734167-55-XXXX	Methyl heptin carbonate⁽¹⁾	Self-classified	0.036 - <0.1%
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Skin Sens. 1A: H317 - Warning	
CAS: 104-55-2 EC: 203-213-9 Index: 606-155-00-6 REACH: 01-2119935242-45-XXXX	Cinnamaldehyde⁽¹⁾	Self-classified	0.01 - <0.036%
	Regulation 1272/2008	Acute Tox. 4: H312; Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Warning	
CAS: 97-54-1 EC: 202-590-7 Index: 604-094-00-X REACH: 01-2120223682-61-XXXX	Isoeugenol⁽¹⁾	Self-classified	0.01 - <0.036%
	Regulation 1272/2008	Acute Tox. 4: H302+H312+H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: H317; STOT SE 3: H335 - Warning	

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

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

Other information:

Identification	M-factor	
Siloxanes and Silicones, dimethyl, 3-[[3-(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts) CAS: 134737-05-6 EC: Not relevant	Acute	1
	Chronic	1

Identification	Specific concentration limit
Cinnamaldehyde CAS: 104-55-2 EC: 203-213-9	% (w/w) >=0,01: Skin Sens. 1A - H317
Isoeugenol CAS: 97-54-1 EC: 202-590-7	% (w/w) >=0,01: Skin Sens. 1A - H317

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
Cinnamonnitrile CAS: 1885-38-7 EC: 224-441-5	LD50 oral	116 mg/kg	Rat
	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.

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SECTION 4: FIRST AID MEASURES (continued)

By inhalation:

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

By skin contact:

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

By eye contact:

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

By ingestion/aspiration:

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

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

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

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

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

Unsuitable extinguishing media:

Water jet

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.

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. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

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:

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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

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

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on 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 °C

Maximum Temp.: 35 °C

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):

There are no applicable occupational exposure limits for the substances contained in the product

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one CAS: 127-51-5 EC: 204-846-3	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,375 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	8,22 mg/m ³	Not relevant

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	2,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	9 mg/m ³	Not relevant
Ionone, methyl- CAS: 1335-46-2 EC: 215-635-0	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	14,8 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	26,1 mg/m ³	Not relevant
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) CAS: 63500-71-0 EC: 405-040-6	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	41,7 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	44,1 mg/m ³	Not relevant
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	3,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	24,58 mg/m ³	Not relevant
Eugenol CAS: 97-53-0 EC: 202-589-1	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	6 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	21,2 mg/m ³	Not relevant
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	2,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,75 mg/m ³	Not relevant
Anisaldehyde CAS: 123-11-5 EC: 204-602-6	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	3,33 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	5,88 mg/m ³	Not relevant
Allyl (cyclohexyloxy)acetate CAS: 68901-15-5 EC: 272-657-3	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,448 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	3,16 mg/m ³	Not relevant
Coumarin CAS: 91-64-5 EC: 202-086-7	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,79 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	6,78 mg/m ³	Not relevant
Piperonal CAS: 120-57-0 EC: 204-409-7	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	2,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	17,6 mg/m ³	Not relevant
Cinnamaldehyde CAS: 104-55-2 EC: 203-213-9	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,75 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	6,11 mg/m ³	Not relevant

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one CAS: 127-51-5 EC: 204-846-3	Oral	Not relevant	Not relevant	0,0355 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,0446 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,45 mg/m ³	Not relevant
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	Oral	Not relevant	Not relevant	1,3 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1,3 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,2 mg/m ³	Not relevant
Ionone, methyl- CAS: 1335-46-2 EC: 215-635-0	Oral	Not relevant	Not relevant	3,7 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	7,4 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	6,4 mg/m ³	Not relevant
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) CAS: 63500-71-0 EC: 405-040-6	Oral	Not relevant	Not relevant	7,5 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	25 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	13 mg/m ³	Not relevant

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	Not relevant	Not relevant	2,49 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1,25 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	4,33 mg/m ³	Not relevant
Eugenol CAS: 97-53-0 EC: 202-589-1	Oral	Not relevant	Not relevant	3 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	3 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	5,22 mg/m ³	Not relevant
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	Oral	Not relevant	Not relevant	0,2 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1,25 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,68 mg/m ³	Not relevant
Anisaldehyde CAS: 123-11-5 EC: 204-602-6	Oral	Not relevant	Not relevant	1 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	2 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,74 mg/m ³	Not relevant
Allyl (cyclohexyloxy)acetate CAS: 68901-15-5 EC: 272-657-3	Oral	Not relevant	Not relevant	0,16 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,16 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,557 mg/m ³	Not relevant
Coumarin CAS: 91-64-5 EC: 202-086-7	Oral	Not relevant	Not relevant	0,39 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,39 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,69 mg/m ³	Not relevant
Piperonal CAS: 120-57-0 EC: 204-409-7	Oral	Not relevant	Not relevant	1,25 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1,25 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	4,3 mg/m ³	Not relevant
Cinnamaldehyde CAS: 104-55-2 EC: 203-213-9	Oral	Not relevant	Not relevant	0,625 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,625 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,09 mg/m ³	Not relevant

PNEC:

Identification				
2,2-dimethyl-1,3-dioxolan-4-ylmethanol CAS: 100-79-8 EC: 202-888-7	STP	10 mg/L	Fresh water	0,2 mg/L
	Soil	2,5 mg/kg	Marine water	0,2 mg/L
	Intermittent	0,09 mg/L	Sediment (Fresh water)	1,18316 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,1183 mg/kg
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one CAS: 127-51-5 EC: 204-846-3	STP	10 mg/L	Fresh water	0,00143 mg/L
	Soil	0,0878 mg/kg	Marine water	0,000143 mg/L
	Intermittent	0,0143 mg/L	Sediment (Fresh water)	0,443 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,0443 mg/kg
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	STP	8,55 mg/L	Fresh water	0,018 mg/L
	Soil	0,094 mg/kg	Marine water	0,002 mg/L
	Intermittent	0,04 mg/L	Sediment (Fresh water)	0,526 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,053 mg/kg
Ionone, methyl- CAS: 1335-46-2 EC: 215-635-0	STP	10 mg/L	Fresh water	0,002 mg/L
	Soil	0,048 mg/kg	Marine water	0 mg/L
	Intermittent	0,023 mg/L	Sediment (Fresh water)	0,246 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,025 mg/kg
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) CAS: 63500-71-0 EC: 405-040-6	STP	10 mg/L	Fresh water	0,094 mg/L
	Soil	0,09 mg/kg	Marine water	0,009 mg/L
	Intermittent	0,94 mg/L	Sediment (Fresh water)	0,412 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,041 mg/kg
Linalool CAS: 78-70-6 EC: 201-134-4	STP	10 mg/L	Fresh water	0,2 mg/L
	Soil	0,327 mg/kg	Marine water	0,02 mg/L
	Intermittent	2 mg/L	Sediment (Fresh water)	2,22 mg/kg
	Oral	0,0078 g/kg	Sediment (Marine water)	0,222 mg/kg

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Eugenol CAS: 97-53-0 EC: 202-589-1	STP	Not relevant	Fresh water	0,00113 mg/L
	Soil	0,015 mg/kg	Marine water	0,000113 mg/L
	Intermittent	0,0113 mg/L	Sediment (Fresh water)	0,081 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,008 mg/kg
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	STP	1 mg/L	Fresh water	0,011 mg/L
	Soil	0,115 mg/kg	Marine water	0,001 mg/L
	Intermittent	0,11 mg/L	Sediment (Fresh water)	0,609 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,061 mg/kg
Anisaldehyde CAS: 123-11-5 EC: 204-602-6	STP	8,5 mg/L	Fresh water	0,013 mg/L
	Soil	0,004 mg/kg	Marine water	0,0013 mg/L
	Intermittent	0,811 mg/L	Sediment (Fresh water)	0,06 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,006 mg/kg
Allyl (cyclohexyloxy)acetate CAS: 68901-15-5 EC: 272-657-3	STP	0,3 mg/L	Fresh water	0,00205 mg/L
	Soil	0,375 mg/kg	Marine water	0,000205 mg/L
	Intermittent	0,00205 mg/L	Sediment (Fresh water)	0,0387 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,00387 mg/kg
Coumarin CAS: 91-64-5 EC: 202-086-7	STP	6,4 mg/L	Fresh water	0,019 mg/L
	Soil	0,018 mg/kg	Marine water	0,0019 mg/L
	Intermittent	0,0142 mg/L	Sediment (Fresh water)	0,15 mg/kg
	Oral	0,0307 g/kg	Sediment (Marine water)	0,015 mg/kg
Piperonal CAS: 120-57-0 EC: 204-409-7	STP	10 mg/L	Fresh water	0,0025 mg/L
	Soil	0,00084 mg/kg	Marine water	0,00025 mg/L
	Intermittent	0,025 mg/L	Sediment (Fresh water)	0,0119 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,0012 mg/kg
Cinnamaldehyde CAS: 104-55-2 EC: 203-213-9	STP	7,1 mg/L	Fresh water	0,008 mg/L
	Soil	0,0156 mg/kg	Marine water	0,0008 mg/L
	Intermittent	0,0321 mg/L	Sediment (Fresh water)	0,101 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,0101 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)		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



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 to the manufacturer's instructions. Use if there is a risk of splashing.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing			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		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 °C:	Liquid
Appearance:	Fluid
Colour:	Light yellow , Colourless
Odour:	Pleasant
Odour threshold:	Not relevant *

Volatility:

Boiling point at atmospheric pressure:	232 °C
Vapour pressure at 20 °C:	4 Pa
Vapour pressure at 50 °C:	38,2 Pa (0,04 kPa)
Evaporation rate at 20 °C:	Not relevant *

Product description:

Density at 20 °C:	1042,3 kg/m ³
Relative density at 20 °C:	1,042
Dynamic viscosity at 20 °C:	Not relevant *
Kinematic viscosity at 20 °C:	Not relevant *
Kinematic viscosity at 40 °C:	Not relevant *
Concentration:	Not relevant *
pH:	Not relevant *
Vapour density at 20 °C:	Not relevant *
Partition coefficient n-octanol/water 20 °C:	Not relevant *
Solubility in water at 20 °C:	Not relevant *

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

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In-Wash Perfume Oil Velvet Tuberose

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Solubility properties: Not relevant *

Decomposition temperature: Not relevant *

Melting point/freezing point: Not relevant *

Flammability:

Flash Point: 90 °C

Flammability (solid, gas): Not relevant *

Autoignition temperature: 110 °C

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 °C: 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	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

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

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

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

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

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In-Wash Perfume Oil Velvet Tuberose

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

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

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

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

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

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: Benzyl acetate (3); Eugenol (3); Coumarin (3); Indole (2B); d-limonene (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met. 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, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
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 vapour		
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	LD50 oral	2490 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		

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In-Wash Perfume Oil Velvet Tuberose

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
Hexyl cinnamaldehyde CAS: 101-86-0 EC: 202-983-3	LD50 oral	3100 mg/kg	Rat
	LD50 dermal	3000 mg/kg	Rabbit
	LC50 inhalation vapour		
2-tert-butylcyclohexyl acetate CAS: 88-41-5 EC: 201-828-7	LD50 oral	4600 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		
Cinnamonnitrile CAS: 1885-38-7 EC: 224-441-5	LD50 oral	116 mg/kg	Rat
	LD50 dermal	1250 mg/kg	Rabbit
	LC50 inhalation vapour		
2,2-dimethyl-1,3-dioxolan-4-ylmethanol CAS: 100-79-8 EC: 202-888-7	LD50 oral	7000 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		
Linalool CAS: 78-70-6 EC: 201-134-4	LD50 oral	3500 mg/kg	Rat
	LD50 dermal	5610 mg/kg	Rabbit
	LC50 inhalation vapour		
Eugenol CAS: 97-53-0 EC: 202-589-1	LD50 oral	2300 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation vapour		
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	LD50 oral	14500 mg/kg	Rat
	LD50 dermal	5610 mg/kg	Rabbit
	LC50 inhalation vapour		
Anisaldehyde CAS: 123-11-5 EC: 204-602-6	LD50 oral	3210 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	Rabbit
	LC50 inhalation dust		
2-benzylideneheptanal CAS: 122-40-7 EC: 204-541-5	LD50 oral	3730 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		
Allyl (cyclohexyloxy)acetate CAS: 68901-15-5 EC: 272-657-3	LD50 oral	620,42 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		
Coumarin CAS: 91-64-5 EC: 202-086-7	LD50 oral	500 mg/kg	Rat
	LD50 dermal	>5000 mg/kg	
	LC50 inhalation dust		
(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one CAS: 23726-91-2 EC: 245-842-1	LD50 oral	2920 mg/kg	
	LD50 dermal		
	LC50 inhalation vapour		
Isopentyl salicylate CAS: 87-20-7 EC: 201-730-4	LD50 oral	1310 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		
Piperonal CAS: 120-57-0 EC: 204-409-7	LD50 oral	2700 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		
Cinnamaldehyde CAS: 104-55-2 EC: 203-213-9	LD50 oral	2220 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation vapour		
Isoeugenol CAS: 97-54-1 EC: 202-590-7	LD50 oral	1500 mg/kg	Rat
	LD50 dermal	1100 mg/kg	Rat
	LC50 inhalation vapour		

11.2 Information on other hazards:

Endocrine disrupting properties

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

Other information

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Not relevant

SECTION 12: ECOLOGICAL INFORMATION

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

Harmful to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration	Species	Genus
2,2-dimethyl-1,3-dioxolan-4-ylmethanol CAS: 100-79-8 EC: 202-888-7	LC50	16700 mg/L (96 h)	Pimephales promelas
	EC50	Not relevant	
	EC50	Not relevant	
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one CAS: 127-51-5 EC: 204-846-3	LC50	1,428 mg/L (96 h)	Oncorhynchus mykiss
	EC50	4,7 mg/L (48 h)	Daphnia magna
	EC50	20 mg/L (72 h)	Desmodesmus subspicatus
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	LC50	Not relevant	
	EC50	17 mg/L (48 h)	Daphnia magna
	EC50	110 mg/L (72 h)	Desmodesmus subspicatus
Hexyl cinnamaldehyde CAS: 101-86-0 EC: 202-983-3	LC50	>0.1 - 1 mg/L (96 h)	Fish
	EC50	>0.1 - 1 mg/L (48 h)	Crustacean
	EC50	>0.1 - 1 mg/L (72 h)	Algae
2-tert-butylcyclohexyl acetate CAS: 88-41-5 EC: 201-828-7	LC50	>1 - 10 mg/L (96 h)	Fish
	EC50	>1 - 10 mg/L (48 h)	Crustacean
	EC50	>1 - 10 mg/L (72 h)	Algae
Ionone, methyl- CAS: 1335-46-2 EC: 215-635-0	LC50	>1 - 10 mg/L (96 h)	Fish
	EC50	>1 - 10 mg/L (48 h)	Crustacean
	EC50	>1 - 10 mg/L (72 h)	Algae
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) CAS: 63500-71-0 EC: 405-040-6	LC50	Not relevant	
	EC50	320 mg/L (48 h)	Daphnia magna
	EC50	Not relevant	
Eugenol CAS: 97-53-0 EC: 202-589-1	LC50	60,8 mg/L (96 h)	Oncorhynchus mykiss
	EC50	Not relevant	
	EC50	Not relevant	
Siloxanes and Silicones, dimethyl, 3-[(3-cocoamidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts) CAS: 134737-05-6 EC: Not relevant	LC50	>0.1 - 1 mg/L (96 h)	Fish
	EC50	>0.1 - 1 mg/L (48 h)	Crustacean
	EC50	>0.1 - 1 mg/L (72 h)	Algae
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	LC50	11 mg/L (96 h)	Cyprinus carpio
	EC50	15 mg/L (48 h)	Daphnia magna
	EC50	62 mg/L (72 h)	Desmodesmus subspicatus
Anisaldehyde CAS: 123-11-5 EC: 204-602-6	LC50	148,32 mg/L (48 h)	Leuciscus idus
	EC50	82,8 mg/L (48 h)	Daphnia magna
	EC50	61 mg/L (72 h)	Pseudokirchneriella subcapitata
2-benzylideneheptanal CAS: 122-40-7 EC: 204-541-5	LC50	0,91 mg/L (96 h)	N/A
	EC50	0,28 mg/L (48 h)	Daphnia magna
	EC50	Not relevant	
[3R-(3a,3aß,6ß,7ß,8aa)]-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene CAS: 19870-74-7 EC: 243-384-7	LC50	>0.1 - 1 mg/L (96 h)	Fish
	EC50	>0.1 - 1 mg/L (48 h)	Crustacean
	EC50	>0.1 - 1 mg/L (72 h)	Algae
1-(2,6,6-trimethyl-1-cyclohexen-1-yl)pent-1-en-3-one CAS: 127-43-5 EC: 204-843-7	LC50	>1 - 10 mg/L (96 h)	Fish
	EC50	>1 - 10 mg/L (48 h)	Crustacean
	EC50	>1 - 10 mg/L (72 h)	Algae

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration	Species	Genus
Allyl (cyclohexyloxy)acetate CAS: 68901-15-5 EC: 272-657-3	LC50	0,205 mg/L (96 h)	Danio rerio Fish
	EC50	6,09 mg/L (48 h)	Daphnia magna Crustacean
	EC50	36,6 mg/L (72 h)	Pseudokirchneriella subcapitata Algae
(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one CAS: 23726-91-2 EC: 245-842-1	LC50	Not relevant	
	EC50	9,5 mg/L (48 h)	Daphnia magna Crustacean
	EC50	8,8 mg/L (72 h)	N/A Algae
Isopentyl salicylate CAS: 87-20-7 EC: 201-730-4	LC50	Not relevant	
	EC50	1,97 mg/L (48 h)	Daphnia magna Crustacean
	EC50	0,0012 mg/L (72 h)	Pseudokirchneriella subcapitata Algae
Methyl heptin carbonate CAS: 111-12-6 EC: 203-836-6	LC50	Not relevant	
	EC50	0,62 mg/L (48 h)	Daphnia magna Crustacean
	EC50	0,79 mg/L (72 h)	Pseudokirchneriella subcapitata Algae
Cinnamaldehyde CAS: 104-55-2 EC: 203-213-9	LC50	Not relevant	
	EC50	Not relevant	
	EC50	31,6 mg/L (72 h)	Desmodesmus subspicatus Algae

Chronic toxicity:

Identification	Concentration	Species	Genus
2,2-dimethyl-1,3-dioxolan-4-ylmethanol CAS: 100-79-8 EC: 202-888-7	NOEC	Not relevant	
	NOEC	10 mg/L	Daphnia magna Crustacean
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	NOEC	0,92 mg/L	Oryzias latipes Fish
	NOEC	Not relevant	
Anisaldehyde CAS: 123-11-5 EC: 204-602-6	NOEC	Not relevant	
	NOEC	0,71 mg/L	Daphnia magna Crustacean
Allyl (cyclohexyloxy)acetate CAS: 68901-15-5 EC: 272-657-3	NOEC	Not relevant	
	NOEC	3,2 mg/L	Daphnia magna Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability	Biodegradability
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one CAS: 127-51-5 EC: 204-846-3	BOD5	Not relevant Concentration 4 mg/L
	COD	Not relevant Period 28 days
	BOD5/COD	Not relevant % Biodegradable 42,51 %
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	BOD5	Not relevant Concentration 10 mg/L
	COD	Not relevant Period 28 days
	BOD5/COD	Not relevant % Biodegradable 100 %
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) CAS: 63500-71-0 EC: 405-040-6	BOD5	Not relevant Concentration 10 mg/L
	COD	Not relevant Period 28 days
	BOD5/COD	Not relevant % Biodegradable 10 %
Linalool CAS: 78-70-6 EC: 201-134-4	BOD5	Not relevant Concentration 100 mg/L
	COD	Not relevant Period 28 days
	BOD5/COD	Not relevant % Biodegradable 90 %
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	BOD5	Not relevant Concentration 81 mg/L
	COD	Not relevant Period 28 days
	BOD5/COD	Not relevant % Biodegradable 80 %
Anisaldehyde CAS: 123-11-5 EC: 204-602-6	BOD5	Not relevant Concentration 20 mg/L
	COD	Not relevant Period 6 days
	BOD5/COD	Not relevant % Biodegradable 97 %
2-benzylideneheptanal CAS: 122-40-7 EC: 204-541-5	BOD5	Not relevant Concentration 100 mg/L
	COD	Not relevant Period 28 days
	BOD5/COD	Not relevant % Biodegradable 90 %

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In-Wash Perfume Oil Velvet Tuberose

SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Degradability		Biodegradability	
Coumarin CAS: 91-64-5 EC: 202-086-7	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	14 days
	BOD5/COD	Not relevant	% Biodegradable	100 %
(E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one CAS: 23726-91-2 EC: 245-842-1	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	0 %
Methyl heptin carbonate CAS: 111-12-6 EC: 203-836-6	BOD5	Not relevant	Concentration	30 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	80 %
Cinnamaldehyde CAS: 104-55-2 EC: 203-213-9	BOD5	Not relevant	Concentration	4 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	100 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
2,2-dimethyl-1,3-dioxolan-4-ylmethanol CAS: 100-79-8 EC: 202-888-7	BCF	1
	Pow Log	
	Potential	Low
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one CAS: 127-51-5 EC: 204-846-3	BCF	
	Pow Log	3.49
	Potential	
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	BCF	8
	Pow Log	1.96
	Potential	Low
Hexyl cinnamaldehyde CAS: 101-86-0 EC: 202-983-3	BCF	17
	Pow Log	
	Potential	Low
Linalool CAS: 78-70-6 EC: 201-134-4	BCF	
	Pow Log	2.97
	Potential	
Eugenol CAS: 97-53-0 EC: 202-589-1	BCF	31
	Pow Log	2.27
	Potential	Moderate
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	BCF	174
	Pow Log	3.9
	Potential	High
Anisaldehyde CAS: 123-11-5 EC: 204-602-6	BCF	
	Pow Log	1
	Potential	
2-benzylideneheptanal CAS: 122-40-7 EC: 204-541-5	BCF	
	Pow Log	2.5
	Potential	
Allyl (cyclohexyloxy)acetate CAS: 68901-15-5 EC: 272-657-3	BCF	
	Pow Log	2.18
	Potential	
Coumarin CAS: 91-64-5 EC: 202-086-7	BCF	10
	Pow Log	1.39
	Potential	Low
Cinnamaldehyde CAS: 104-55-2 EC: 203-213-9	BCF	8
	Pow Log	2.11
	Potential	Low

12.4 Mobility in soil:

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Absorption/desorption		Volatility	
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one CAS: 127-51-5 EC: 204-846-3	Koc	3061.96	Henry	Not relevant
	Conclusion	Low	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	3,558E-2 N/m (25 °C)	Moist soil	Not relevant
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) CAS: 63500-71-0 EC: 405-040-6	Koc	42	Henry	1,71E-3 Pa·m ³ /mol
	Conclusion	Very High	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	Koc	518	Henry	177 Pa·m ³ /mol
	Conclusion	Low	Dry soil	Yes
	Surface tension	Not relevant	Moist soil	Yes
Anisaldehyde CAS: 123-11-5 EC: 204-602-6	Koc	10	Henry	0E+0 Pa·m ³ /mol
	Conclusion	Very High	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
2-benzylideneheptanal CAS: 122-40-7 EC: 204-541-5	Koc	974.98	Henry	Not relevant
	Conclusion	Moderate	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
Allyl (cyclohexyloxy)acetate CAS: 68901-15-5 EC: 272-657-3	Koc	152.71	Henry	6,23 Pa·m ³ /mol
	Conclusion	High	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
Coumarin CAS: 91-64-5 EC: 202-086-7	Koc	42	Henry	Not relevant
	Conclusion	Very High	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
Cinnamaldehyde CAS: 104-55-2 EC: 203-213-9	Koc	90.78	Henry	0E+0 Pa·m ³ /mol
	Conclusion	High	Dry soil	Not relevant
	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)
20 01 29*	detergents containing hazardous substances	Hazardous

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

HP14 Ecotoxic

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

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SECTION 14: TRANSPORT INFORMATION

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

SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: *Cinnamaldehyde (104-55-2) - PT: (2)*
- Candidatesubstances 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

Regulation (EC) No 648/2004 on detergents:

In accordance with this regulation the product complies with the following:

The tensoactives contained in this mixture comply with the biodegradability criteria stipulated in Regulation (EC) n°648/2004 on detergents. The information to prove this is available to the relevant authorities of the Member States and will be shown to them by direct request or the request of a detergent manufacturer.

Labelling for contents:

Component	Concentration interval
Non-ionic surfactants	% (w/w) < 5
perfumes	

Allergenic fragrances: (E)-1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-buten-1-one (TRANS-ROSE KETONE-2), (E)-anethole (ANETHOLE), 2-benzylideneheptanal (AMYL CINNAMAL), 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (alpha-ISOMETHYL IONONE), a,a-dimethylphenethyl acetate (DIMETHYL PHENETHYL ACETATE), Cinnamaldehyde (CINNAMAL), Citronellol (CITRONELLOL), Coumarin (COUMARIN), Eugenol (EUGENOL), Geraniol (GERANIOL), Geranyl acetate (GERANYL ACETATE), Hexyl cinnamaldehyde (HEXYL CINNAMAL), Hydroxy-citronellal (HYDROXYCITRONELLAL), Isoeugenol (ISOEUGENOL), Linalool (LINALOOL), Linalyl acetate (LINALYL ACETATE), Methyl heptin carbonate (METHYL 2-OCTYNOATE), Pin-2(10)-ene (PINENE), Vanillin (VANILLIN).

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.

Contains Indole. From 1 January 2010, extender oils shall not be placed on the market, or used for the production of tyres or parts of tyres if they contain:

- more than 1 mg/kg (0,0001 % by weight) BaP, or,
- more than 10 mg/kg (0,001 % by weight) of the sum of all listed PAHs.

Articles shall not be placed on the market for supply to the general public, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 1 mg/kg (0,0001 % by weight of this component) of any of the listed PAHs.

Toys, including activity toys, and childcare articles, shall not be placed on the market, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 0,5 mg/kg (0,00005 % by weight of this component) of any of the listed PAHs.

By way of derogation from paragraphs 5 and 6, these paragraphs shall not apply to articles placed on the market for the first time before 27 December 2015.

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

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products
- Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents
- Commission Regulation (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament

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SECTION 15: REGULATORY INFORMATION (continued)

and of the Council on detergents, in order to adapt Annexes III and VII
- Commission Regulation (EC) No 551/2009 of 25 June 2009 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation)

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:

H412: Harmful to aquatic life with long lasting effects.

H317: May cause an allergic skin reaction.

Texts of the legislative phrases mentioned in section 3:

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

CLP Regulation (EC) No 1272/2008:

Acute Tox. 3: H301 - Toxic if swallowed.

Acute Tox. 4: H302 - Harmful if swallowed.

Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled.

Acute Tox. 4: H312 - Harmful in contact with skin.

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.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Repr. 2: H361 - Suspected of damaging fertility or the unborn child.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

Skin Sens. 1B: H317 - May cause an allergic skin reaction.

STOT SE 3: H335 - May cause respiratory irritation.

Classification procedure:

Aquatic Chronic 3: Calculation method

Skin Sens. 1A: Calculation method

Advice related to training:

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

Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

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

- END OF SAFETY DATA SHEET -