

Scented Wooden Hanger Fresso Snow pearl



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

- 1.1 Product identifier:** Scented Wooden Hanger Fresso Snow pearl
- 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:**
FRISTO Damian Figarski
ul. Panny Wodnej 46/48 lok. 21
04-862 Warszawa
tel. +48 799 27 27 26
E- mail osoby odpowiedzialnej za kartę charakterystyki: biuro@fresso.pl
- 1.4 Emergency telephone number:** 112 (24/7)

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) No 1272/2008:
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard, Category 2, H411
Eye Irrit. 2: Eye irritation, Category 2, H319
Skin Irrit. 2: Skin irritation, Category 2, H315
Skin Sens. 1B: Sensitisation, skin, Category 1B, H317
- 2.2 Label elements:**
CLP Regulation (EC) No 1272/2008:
Warning
- Hazard statements:**
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects
Eye Irrit. 2: H319 - Causes serious eye irritation
Skin Irrit. 2: H315 - Causes skin irritation
Skin Sens. 1B: H317 - May cause an allergic skin reaction
- Precautionary statements:**
P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children
P273: Avoid release to the environment
P280: Wear protective gloves/protective clothing/eye protection/face protection
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
P337+P313: If eye irritation persists: Get medical advice/attention
P501: Dispose of contents/container according to the separated collection system used in your municipality
- Supplementary information:**
EUH208: Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, 2-(4-tert-Butylbenzyl)propionaldehyde, Lysmeral extra, Cinnamyl alcohol, Citronellol, Coumarin, Dipentene, Geraniol, Geranyl acetate, Linalyl acetate, Para-anisyl propanal, Pentadecan-15-olide, Piperonal. May produce an allergic reaction
- Substances that contribute to the classification**
Benzyl salicylate (CAS: 118-58-1); Linalool (CAS: 78-70-6); Hexyl salicylate (CAS: 6259-76-3); 1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4h-inden-4-one (CAS: 33704-61-9)
- Acute Toxicity Estimate (ATE mix):**
27 % (oral) of the mixture consists of ingredient(s) of unknown toxicity
- 2.3 Other hazards:**

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SECTION 2: HAZARDS IDENTIFICATION (continued)

Product fails to meet PBT/vPvB criteria

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Perfume/s

Components:

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

Identification	Chemical name/Classification	Concentration
CAS: 140-11-4 EC: 205-399-7 Index: Non-applicable REACH: 01-2119638272-42-XXXX	Benzyl acetate⁽¹⁾ Self-classified	10 - <15 %
	Regulation 1272/2008 Aquatic Chronic 3: H412	
CAS: 118-58-1 EC: 204-262-9 Index: Non-applicable REACH: 01-2119969442-31-XXXX	Benzyl salicylate⁽¹⁾ Self-classified	7,5 - 10 %
	Regulation 1272/2008 Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Sens. 1B: H317 - Warning	
CAS: 78-70-6 EC: 201-134-4 Index: 603-235-00-2 REACH: 01-2119474016-42-XXXX	Linalool⁽¹⁾ Self-classified	5 - 7,5 %
	Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 6259-76-3 EC: 228-408-6 Index: Non-applicable REACH: 01-2119638275-36-XXXX	Hexyl salicylate⁽¹⁾ Self-classified	2,5 - 5 %
	Regulation 1272/2008 Aquatic Chronic 1: H410; Skin Sens. 1B: H317 - Warning	
CAS: 121-32-4 EC: 204-464-7 Index: Non-applicable REACH: 01-2119958961-24-XXXX	3-ethoxy-4-hydroxybenzaldehyde⁽¹⁾ Self-classified	2,5 - 5 %
	Regulation 1272/2008 Eye Irrit. 2: H319 - Warning	
CAS: 121-33-5 EC: 204-465-2 Index: Non-applicable REACH: 01-2119516040-60-XXXX	Vanillin⁽¹⁾ Self-classified	2,5 - 5 %
	Regulation 1272/2008 Eye Irrit. 2: H319 - Warning	
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⁾ Self-classified	2,5 - 5 %
	Regulation 1272/2008 Eye Irrit. 2: H319 - Warning	
CAS: 34902-57-3 EC: Non-applicable Index: Non-applicable REACH: 01-000016883-62-XXXX	(3E)-Oxacyclohexadec-3-en-2-one⁽¹⁾ Self-classified	2,5 - 5 %
	Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning	
CAS: 60-12-8 EC: 200-456-2 Index: Non-applicable REACH: 01-2119963921-31-XXXX	2-phenylethano⁽¹⁾ Self-classified	2,5 - 5 %
	Regulation 1272/2008 Acute Tox. 4: H302; Eye Irrit. 2: H319 - Warning	
CAS: 91-64-5 EC: 202-086-7 Index: Non-applicable REACH: 01-2119949300-45-XXXX	Coumarin⁽¹⁾ Self-classified	2,5 - 5 %
	Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Chronic 3: H412; Skin Sens. 1: H317 - Warning	
CAS: 79-77-6 EC: 201-224-3 Index: Non-applicable REACH: 01-2119449921-34-XXXX	(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one⁽¹⁾ Self-classified	2,5 - 5 %
	Regulation 1272/2008 Aquatic Chronic 2: H411	
CAS: 115-95-7 EC: 204-116-4 Index: Non-applicable REACH: 01-2119454789-19-XXXX	Linalyl acetate⁽¹⁾ Self-classified	2,5 - 5 %
	Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	
CAS: 70788-30-6 EC: 274-892-7 Index: Non-applicable REACH: Non-applicable	2,2,6-trimethyl-α-propylcyclohexanepropano⁽¹⁾ Self-classified	1 - 2,5 %
	Regulation 1272/2008 Skin Irrit. 2: H315 - Warning	

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Chemical name/Classification	Concentration
CAS: 33704-61-9 EC: 251-649-3 Index: Non-applicable REACH: 01-2119977131-40-XXXX	1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4h-inden-4-one⁽¹⁾ Self-classified	1 – 2,5 %
	Regulation 1272/2008 Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 150-84-5 EC: 205-775-0 Index: Non-applicable REACH: 01-2119959860-27-XXXX	Citronellyl acetate⁽¹⁾ Self-classified	1 – 2,5 %
	Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Irrit. 2: H315 - Warning	
CAS: 87-20-7 EC: 201-730-4 Index: Non-applicable REACH: 01-2120113917-55-XXXX	Isopentyl salicylate⁽¹⁾ Self-classified	1 – 2,5 %
	Regulation 1272/2008 Aquatic Chronic 2: H411	
CAS: 106-22-9 EC: 203-375-0 Index: Non-applicable REACH: 01-2119453995-23-XXXX	Citronello⁽¹⁾ Self-classified	1 – 2,5 %
	Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 54464-57-2 EC: 259-174-3 Index: Non-applicable REACH: Non-applicable	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one⁽¹⁾ Self-classified	1 – 2,5 %
	Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 120-57-0 EC: 204-409-7 Index: Non-applicable REACH: 01-2119983608-21-XXXX	Piperonal⁽¹⁾ Self-classified	1 – 2,5 %
	Regulation 1272/2008 Skin Sens. 1B: H317 - Warning	
CAS: 80-54-6 EC: 201-289-8 Index: Non-applicable REACH: 01-2119907954-30-XXXX	2-(4-tert-Butylbenzyl)propionaldehyde, Lysmeral extra⁽¹⁾ Self-classified	0,5 - 1 %
	Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Chronic 3: H412; Repr. 2: H361; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	
CAS: 28219-61-6 EC: 248-908-8 Index: Non-applicable REACH: 01-2119529224-45-XXXX	2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol⁽¹⁾ Self-classified	0,5 - 1 %
	Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Irrit. 2: H319 - Warning	
CAS: 138-86-3 EC: 205-341-0 Index: 601-029-00-7 REACH: Non-applicable	Dipentene⁽¹⁾ ATP CLP00	0,5 - 1 %
	Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	
CAS: 104-54-1 EC: 203-212-3 Index: Non-applicable REACH: 01-2119934496-29-XXXX	Cinnamyl alcohol⁽¹⁾ Self-classified	0,5 - 1 %
	Regulation 1272/2008 Skin Sens. 1B: H317 - Warning	
CAS: 106-02-5 EC: 203-354-6 Index: Non-applicable REACH: 01-2119987323-31-XXXX	Pentadecan-15-olide⁽¹⁾ Self-classified	<1 %
	Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	
CAS: 5462-06-6 EC: 226-749-5 Index: Non-applicable REACH: 01-2120629103-67-XXXX	Para-anisyl propanal⁽¹⁾ Self-classified	<1 %
	Regulation 1272/2008 Skin Sens. 1B: H317 - Warning	
CAS: 105-87-3 EC: 203-341-5 Index: Non-applicable REACH: 01-2119973480-35-XXXX	Geranyl acetate⁽¹⁾ Self-classified	<1 %
	Regulation 1272/2008 Aquatic Chronic 3: H412; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	
CAS: 469-61-4 EC: 207-418-4 Index: Non-applicable REACH: Non-applicable	Alpha-cedrene⁽¹⁾ Self-classified	<1 %
	Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304 - Danger	
CAS: 106-24-1 EC: 203-377-1 Index: Non-applicable REACH: 01-2119552430-49-XXXX	Geraniol⁽¹⁾ Self-classified	<1 %
	Regulation 1272/2008 Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger	

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

To obtain more information on the hazards of the substances consult sections 8, 11, 12, 15 and 16.

Other information:

Identification	M-factor	
	Acute	Chronic
Alpha-cedrene CAS: 469-61-4 EC: 207-418-4	10	10

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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

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

By inhalation:

This product 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:

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

By eye contact:

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

By ingestion/aspiration:

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

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

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

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 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. IT IS NOT RECOMMENDED to use tap 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:

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

6.2 Environmental precautions:

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

6.3 Methods and material for containment and cleaning up:

It is recommended:

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

6.4 Reference to other sections:

See sections 8 and 13.

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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

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

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

C.- Technical recommendations to prevent ergonomic and toxicological risks

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

D.- Technical recommendations to prevent environmental risks

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal See sections 8 and 13.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 5 °C

Maximum Temp.: 30 °C

Maximum time: 12 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

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

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	12,5 mg/kg	Non-applicable	6,25 mg/kg	Non-applicable
	Inhalation	43,8 mg/m ³	Non-applicable	21,9 mg/m ³	Non-applicable
Benzyl salicylate CAS: 118-58-1 EC: 204-262-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,9 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	3,17 mg/m ³	Non-applicable
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	5 mg/kg	Non-applicable	2,5 mg/kg	Non-applicable
	Inhalation	16,5 mg/m ³	Non-applicable	2,8 mg/m ³	Non-applicable
Hexyl salicylate CAS: 6259-76-3 EC: 228-408-6	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	20830 mg/kg	Non-applicable	20830 mg/kg	Non-applicable
	Inhalation	7,29 mg/m ³	Non-applicable	7,29 mg/m ³	Non-applicable
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) CAS: 63500-71-0 EC: 405-040-6	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	3,47 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	12,2 mg/m ³	Non-applicable
Coumarin CAS: 91-64-5 EC: 202-086-7	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,79 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	6,78 mg/m ³	Non-applicable
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one CAS: 79-77-6 EC: 201-224-3	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	6 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	21,1 mg/m ³	Non-applicable

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	2,5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	2,75 mg/m ³	Non-applicable
1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4h-inden-4-one CAS: 33704-61-9 EC: 251-649-3	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,42 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1,47 mg/m ³	Non-applicable
Citronellyl acetate CAS: 150-84-5 EC: 205-775-0	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	4,8 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	17 mg/m ³	Non-applicable
Citronellol CAS: 106-22-9 EC: 203-375-0	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	327,4 mg/kg	Non-applicable
	Inhalation	Non-applicable	10 mg/m ³	161,6 mg/m ³	10 mg/m ³
Piperonal CAS: 120-57-0 EC: 204-409-7	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	Non-applicable	Non-applicable	3,5 mg/m ³	Non-applicable
2-(4-tert-Butylbenzyl)propionaldehyde, Lysmeral extra CAS: 80-54-6 EC: 201-289-8	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	20 mg/kg	Non-applicable	3,33 mg/kg	Non-applicable
	Inhalation	0,29 mg/m ³	0,29 mg/m ³	0,048 mg/m ³	0,048 mg/m ³
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol CAS: 28219-61-6 EC: 248-908-8	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	6 mg/kg	Non-applicable	1,4 mg/kg	Non-applicable
	Inhalation	7 mg/m ³	Non-applicable	7 mg/m ³	Non-applicable
Cinnamyl alcohol CAS: 104-54-1 EC: 203-212-3	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,997657895 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	2,27733 mg/m ³	Non-applicable
Geranyl acetate CAS: 105-87-3 EC: 203-341-5	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	35,5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	62,59 mg/m ³	Non-applicable
Geraniol CAS: 106-24-1 EC: 203-377-1	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	8,3 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	29,4 mg/m ³	Non-applicable

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	Oral	6,25 mg/kg	Non-applicable	3,125 mg/kg	Non-applicable
	Dermal	6,25 mg/kg	Non-applicable	3,125 mg/kg	Non-applicable
	Inhalation	11 mg/m ³	Non-applicable	5,5 mg/m ³	Non-applicable
Benzyl salicylate CAS: 118-58-1 EC: 204-262-9	Oral	Non-applicable	Non-applicable	0,45 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,45 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0,78 mg/m ³	Non-applicable
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	1,2 mg/kg	Non-applicable	0,2 mg/kg	Non-applicable
	Dermal	2,5 mg/kg	Non-applicable	1,25 mg/kg	Non-applicable
	Inhalation	4,1 mg/m ³	Non-applicable	0,7 mg/m ³	Non-applicable
Hexyl salicylate CAS: 6259-76-3 EC: 228-408-6	Oral	1,25 mg/kg	Non-applicable	0,625 mg/kg	Non-applicable
	Dermal	12500 mg/kg	Non-applicable	12500 mg/kg	Non-applicable
	Inhalation	2,19 mg/m ³	Non-applicable	2,19 mg/m ³	Non-applicable
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) CAS: 63500-71-0 EC: 405-040-6	Oral	Non-applicable	Non-applicable	1,04 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	2,08 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	3,62 mg/m ³	Non-applicable
Coumarin CAS: 91-64-5 EC: 202-086-7	Oral	Non-applicable	Non-applicable	0,39 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,39 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1,69 mg/m ³	Non-applicable

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one CAS: 79-77-6 EC: 201-224-3	Oral	Non-applicable	Non-applicable	1,8 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	3,6 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	6,24 mg/m ³	Non-applicable
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	Oral	Non-applicable	Non-applicable	0,2 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,25 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0,68 mg/m ³	Non-applicable
1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4h-inden-4-one CAS: 33704-61-9 EC: 251-649-3	Oral	Non-applicable	Non-applicable	0,25 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,25 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0,44 mg/m ³	Non-applicable
Citronellyl acetate CAS: 150-84-5 EC: 205-775-0	Oral	Non-applicable	Non-applicable	2,4 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	2,4 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	4,2 mg/m ³	Non-applicable
Citronellol CAS: 106-22-9 EC: 203-375-0	Oral	Non-applicable	Non-applicable	13,8 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	196,4 mg/kg	Non-applicable
	Inhalation	Non-applicable	10 mg/m ³	47,8 mg/m ³	10 mg/m ³
2-(4-tert-Butylbenzyl)propionaldehyde, Lysmeral extra CAS: 80-54-6 EC: 201-289-8	Oral	0,041 mg/kg	Non-applicable	0,007 mg/kg	Non-applicable
	Dermal	20 mg/kg	Non-applicable	1,67 mg/kg	Non-applicable
	Inhalation	0,07 mg/m ³	0,07 mg/m ³	0,012 mg/m ³	0,012 mg/m ³
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol CAS: 28219-61-6 EC: 248-908-8	Oral	3 mg/kg	Non-applicable	0,5 mg/kg	Non-applicable
	Dermal	3 mg/kg	Non-applicable	0,5 mg/kg	Non-applicable
	Inhalation	1,5 mg/m ³	Non-applicable	1,5 mg/m ³	Non-applicable
Cinnamyl alcohol CAS: 104-54-1 EC: 203-212-3	Oral	Non-applicable	Non-applicable	3,995315789 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,492608696 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0,5665 mg/m ³	Non-applicable
Geranyl acetate CAS: 105-87-3 EC: 203-341-5	Oral	Non-applicable	Non-applicable	8,9 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	17,75 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	15,4 mg/m ³	Non-applicable
Geraniol CAS: 106-24-1 EC: 203-377-1	Oral	Non-applicable	Non-applicable	2,5 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	8,7 mg/m ³	Non-applicable

PNEC:

Identification				
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	STP	8,55 mg/L	Fresh water	0,004 mg/L
	Soil	0,0205 mg/kg	Marine water	0,0004 mg/L
	Intermittent	0,04 mg/L	Sediment (Fresh water)	0,114 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0114 mg/kg
Benzyl salicylate CAS: 118-58-1 EC: 204-262-9	STP	10 mg/L	Fresh water	0,00103 mg/L
	Soil	0,021 mg/kg	Marine water	0,000103 mg/L
	Intermittent	0,0103 mg/L	Sediment (Fresh water)	0,584 mg/kg
	Oral	80 g/kg	Sediment (Marine water)	0,0584 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	7,8 g/kg	Sediment (Marine water)	0,222 mg/kg
Hexyl salicylate CAS: 6259-76-3 EC: 228-408-6	STP	10 mg/L	Fresh water	0,000357 mg/L
	Soil	0,0542 mg/kg	Marine water	0,0000357 mg/L
	Intermittent	0,00357 mg/L	Sediment (Fresh water)	0,272 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0272 mg/kg
3-ethoxy-4-hydroxybenzaldehyde CAS: 121-32-4 EC: 204-464-7	STP	10 mg/L	Fresh water	0,118 mg/L
	Soil	2,923 mg/kg	Marine water	0,0118 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	15 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	1,5 mg/kg

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Scented Wooden Hanger Fresso Snow pearl



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Vanillin CAS: 121-33-5 EC: 204-465-2	STP	10 mg/L	Fresh water	0,118 mg/L
	Soil	11,54 mg/kg	Marine water	Non-applicable
	Intermittent	Non-applicable	Sediment (Fresh water)	58,22 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	5,822 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	0,0902 mg/kg	Marine water	0,0094 mg/L
	Intermittent	0,94 mg/L	Sediment (Fresh water)	0,412 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0412 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	30,7 g/kg	Sediment (Marine water)	0,015 mg/kg
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one CAS: 79-77-6 EC: 201-224-3	STP	1 mg/L	Fresh water	0,00403 mg/L
	Soil	0,0508 mg/kg	Marine water	0,0004 mg/L
	Intermittent	0,0403 mg/L	Sediment (Fresh water)	0,151 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0151 mg/kg
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	STP	10 mg/L	Fresh water	0,011 mg/L
	Soil	0,115 mg/kg	Marine water	0,0011 mg/L
	Intermittent	0,11 mg/L	Sediment (Fresh water)	0,609 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0609 mg/kg
1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4h-inden-4-one CAS: 33704-61-9 EC: 251-649-3	STP	10 mg/L	Fresh water	0,004 mg/L
	Soil	0,0174 mg/kg	Marine water	0,0004 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	0,0991 mg/kg
	Oral	1,11 g/kg	Sediment (Marine water)	0,00991 mg/kg
Citronellyl acetate CAS: 150-84-5 EC: 205-775-0	STP	10 mg/L	Fresh water	0,00348 mg/L
	Soil	0,168 mg/kg	Marine water	0,000348 mg/L
	Intermittent	0,0348 mg/L	Sediment (Fresh water)	0,851 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0851 mg/kg
Citronellol CAS: 106-22-9 EC: 203-375-0	STP	580 mg/L	Fresh water	0,0024 mg/L
	Soil	0,00371 mg/kg	Marine water	0,00024 mg/L
	Intermittent	0,024 mg/L	Sediment (Fresh water)	0,0256 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,00256 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	Non-applicable	Sediment (Marine water)	0,0012 mg/kg
2-(4-tert-Butylbenzyl)propionaldehyde, Lysmeral extra CAS: 80-54-6 EC: 201-289-8	STP	1,049 mg/L	Fresh water	0,00204 mg/L
	Soil	0,0463 mg/kg	Marine water	0,00024 mg/L
	Intermittent	0,0204 mg/L	Sediment (Fresh water)	0,0584 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,00584 mg/kg
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol CAS: 28219-61-6 EC: 248-908-8	STP	1 mg/L	Fresh water	0,00063 mg/L
	Soil	0,00839 mg/kg	Marine water	0,000063 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	0,04379 mg/kg
	Oral	1 g/kg	Sediment (Marine water)	Non-applicable
Cinnamyl alcohol CAS: 104-54-1 EC: 203-212-3	STP	16,127 mg/L	Fresh water	0,109 mg/L
	Soil	0,185 mg/kg	Marine water	0,0109 mg/L
	Intermittent	1,09 mg/L	Sediment (Fresh water)	220,1880224 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	220,1880224 mg/kg
Pentadecan-15-olide CAS: 106-02-5 EC: 203-354-6	STP	10 mg/L	Fresh water	0,0027 mg/L
	Soil	10 mg/kg	Marine water	0,00027 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	21 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	4,2 mg/kg

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Scented Wooden Hanger Fresso Snow pearl



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Geranyl acetate CAS: 105-87-3 EC: 203-341-5	STP	8 mg/L	Fresh water	0,00372 mg/L
	Soil	0,0859 mg/kg	Marine water	0,000372 mg/L
	Intermittent	0,0372 mg/L	Sediment (Fresh water)	0,442 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0442 mg/kg
Geraniol CAS: 106-24-1 EC: 203-377-1	STP	0,7 mg/L	Fresh water	0,0108 mg/L
	Soil	0,0167 mg/kg	Marine water	0,00108 mg/L
	Intermittent	0,108 mg/L	Sediment (Fresh water)	0,115 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,0115 mg/kg

8.2 Exposure controls:

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. 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

Non-applicable

D.- Ocular and facial protection

Non-applicable

E.- Body protection

Non-applicable

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

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

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	23,5 % weight
V.O.C. density at 20 °C:	236,99 kg/m ³ (236,99 g/L)
Average carbon number:	9,36
Average molecular weight:	150,91 g/mol

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:	Solid
Appearance:	Liquid impregnated into a solid support
Colour:	Several
Odour:	Pleasant
Odour threshold:	Non-applicable *

Volatility:

Boiling point at atmospheric pressure:	Non-applicable *
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*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Vapour pressure at 20 °C:	Non-applicable *
Vapour pressure at 50 °C:	Non-applicable *
Evaporation rate at 20 °C:	Non-applicable *
Product description:	
Density at 20 °C:	1008,5 kg/m ³
Relative density at 20 °C:	1,008
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	>20,5 cSt
Concentration:	Non-applicable *
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 *
Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Flammability:	
Flash Point:	Non-applicable
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	235 °C
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *
Explosive:	
Lower explosive limit:	Non-applicable *
Upper explosive limit:	Non-applicable *
9.2 Other information:	
Surface tension at 20 °C:	Non-applicable *
Refraction index:	Non-applicable *

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

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:**
No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.
- 10.2 Chemical stability:**
Chemically stable under the 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:

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Scented Wooden Hanger Fresso Snow pearl



SECTION 10: STABILITY AND REACTIVITY (continued)

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 toxicological effects:

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

Dangerous health implications:

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

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

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

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

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

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

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
IARC: Benzyl acetate (3); Coumarin (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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 dangerous 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 dangerous with sensitising effects. For more information see section 3.
- Cutaneous: 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 dangerous 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 dangerous 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 dangerous 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 dangerous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

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Scented Wooden Hanger Fresso Snow pearl



SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
	Route	Dose	
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	LD50 oral	14500 mg/kg	Rat
	LD50 dermal	5610 mg/kg	Rabbit
	LC50 inhalation	Non-applicable	
Benzyl salicylate CAS: 118-58-1 EC: 204-262-9	LD50 oral	2200 mg/kg	Rat
	LD50 dermal	14150 mg/kg	Rabbit
	LC50 inhalation	Non-applicable	
Linalool CAS: 78-70-6 EC: 201-134-4	LD50 oral	3000 mg/kg	Rat
	LD50 dermal	5610 mg/kg	Rabbit
	LC50 inhalation	Non-applicable	
2-phenylethanol CAS: 60-12-8 EC: 200-456-2	LD50 oral	1610 mg/kg	Rat
	LD50 dermal	2100 mg/kg	Rabbit
	LC50 inhalation	Non-applicable	
Citronellol CAS: 106-22-9 EC: 203-375-0	LD50 oral	3450 mg/kg	Rat
	LD50 dermal	2650 mg/kg	
	LC50 inhalation	Non-applicable	
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	LD50 oral	2490 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
Hexyl salicylate CAS: 6259-76-3 EC: 228-408-6	LD50 oral	5500 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
3-ethoxy-4-hydroxybenzaldehyde CAS: 121-32-4 EC: 204-464-7	LD50 oral	3000 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
Vanillin CAS: 121-33-5 EC: 204-465-2	LD50 oral	3500 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4h-inden-4-one CAS: 33704-61-9 EC: 251-649-3	LD50 oral	2900 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
Coumarin CAS: 91-64-5 EC: 202-086-7	LD50 oral	500 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
Piperonal CAS: 120-57-0 EC: 204-409-7	LD50 oral	2700 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol CAS: 28219-61-6 EC: 248-908-8	LD50 oral	5500 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
Cinnamyl alcohol CAS: 104-54-1 EC: 203-212-3	LD50 oral	2500 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
2-(4-tert-Butylbenzyl)propionaldehyde, Lysmeral extra CAS: 80-54-6 EC: 201-289-8	LD50 oral	1390 mg/kg	Rat
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
Para-anisyl propanal CAS: 5462-06-6 EC: 226-749-5	LD50 oral	4500 mg/kg	
	LD50 dermal	Non-applicable	
	LC50 inhalation	Non-applicable	
Geraniol CAS: 106-24-1 EC: 203-377-1	LD50 oral	4200 mg/kg	Rat
	LD50 dermal	5100 mg/kg	Rabbit
	LC50 inhalation	Non-applicable	

Acute Toxicity Estimate (ATE mix):

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Scented Wooden Hanger Fresso Snow pearl



SECTION 11: TOXICOLOGICAL INFORMATION (continued)

ATE mix		Ingredient(s) of unknown toxicity
Oral	5570,14 mg/kg (Calculation method)	27 %
Dermal	>2000 mg/kg (Calculation method)	Non-applicable
Inhalation	>5 mg/L (4 h) (Calculation method)	Non-applicable

SECTION 12: ECOLOGICAL INFORMATION

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

12.1 Toxicity:

Identification	Acute toxicity		Species	Genus
	LC50	EC50		
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	LC50	Non-applicable		
	EC50	17 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	110 mg/L (72 h)	Desmodesmus subspicatus	Algae
Benzyl salicylate CAS: 118-58-1 EC: 204-262-9	LC50	1.03 mg/L (96 h)	Brachydanio rerio	Fish
	EC50	1.2 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	1.3 mg/L (72 h)	Selenastrum capricornutum	Algae
Linalool CAS: 78-70-6 EC: 201-134-4	LC50	27.8 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	59 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	88.3 mg/L (96 h)	Scenedesmus subspicatus	Algae
Hexyl salicylate CAS: 6259-76-3 EC: 228-408-6	LC50	0.1 - 1 mg/L (96 h)		Fish
	EC50	0.1 - 1 mg/L		Crustacean
	EC50	0.1 - 1 mg/L		Algae
Vanillin CAS: 121-33-5 EC: 204-465-2	LC50	57 mg/L (96 h)	Pimephales promelas	Fish
	EC50	Non-applicable		
	EC50	Non-applicable		
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) CAS: 63500-71-0 EC: 405-040-6	LC50	Non-applicable		
	EC50	320 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		
(3E)-Oxacyclohexadec-3-en-2-one CAS: 34902-57-3 EC: Non-applicable	LC50	0.1 - 1 mg/L (96 h)		Fish
	EC50	0.1 - 1 mg/L		Crustacean
	EC50	0.1 - 1 mg/L		Algae
2-phenylethanol CAS: 60-12-8 EC: 200-456-2	LC50	Non-applicable		
	EC50	330 mg/L (24 h)	Daphnia magna	Crustacean
	EC50	490 mg/L (72 h)	Scenedesmus subspicatus	Algae
Coumarin CAS: 91-64-5 EC: 202-086-7	LC50	Non-applicable		
	EC50	30 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Non-applicable		
(E)-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one CAS: 79-77-6 EC: 201-224-3	LC50	5.09 mg/L (96 h)	Pimephales promelas	Fish
	EC50	1 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	20.9 mg/L (72 h)	Scenedesmus subspicatus	Algae
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	LC50	11 mg/L (96 h)	Cyprinus carpio	Fish
	EC50	15 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	62 mg/L (72 h)	Desmodesmus subspicatus	Algae
1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4h-inden-4-one CAS: 33704-61-9 EC: 251-649-3	LC50	2.12 mg/L (96 h)	Oryzias latipes	Fish
	EC50	1.5 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	10 mg/L (72 h)	Desmodesmus subspicatus	Algae
Citronellyl acetate CAS: 150-84-5 EC: 205-775-0	LC50	1 - 10 mg/L (96 h)		Fish
	EC50	1 - 10 mg/L		Crustacean
	EC50	1 - 10 mg/L		Algae
Isopentyl salicylate CAS: 87-20-7 EC: 201-730-4	LC50	1 - 10 mg/L (96 h)		Fish
	EC50	1 - 10 mg/L		Crustacean
	EC50	1 - 10 mg/L		Algae

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Scented Wooden Hanger Fresso Snow pearl



SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Species	Genus
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one CAS: 54464-57-2 EC: 259-174-3	LC50	0.1 - 1 mg/L (96 h)		Fish
	EC50	0.1 - 1 mg/L		Crustacean
	EC50	0.1 - 1 mg/L		Algae
2-(4-tert-Butylbenzyl)propionaldehyde, Lysmeral extra CAS: 80-54-6 EC: 201-289-8	LC50	2 mg/L (96 h)	Danio rerio	Fish
	EC50	11 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	29 mg/L (72 h)	Desmodesmus subspicatus	Algae
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol CAS: 28219-61-6 EC: 248-908-8	LC50	1.1 mg/L (96 h)	Lepomis macrochirus	Fish
	EC50	0.63 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	2.5 mg/L (96 h)	Selenastrum capricornutum	Algae
Dipentene CAS: 138-86-3 EC: 205-341-0	LC50	38.5 mg/L (96 h)	Pimephales promelas	Fish
	EC50	0.7 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	1.6 mg/L (48 h)	Selenastrum capricornutum	Algae
Pentadecan-15-olide CAS: 106-02-5 EC: 203-354-6	LC50	1 - 10 mg/L (96 h)		Fish
	EC50	1 - 10 mg/L		Crustacean
	EC50	1 - 10 mg/L		Algae
Geranyl acetate CAS: 105-87-3 EC: 203-341-5	LC50	10 - 100 mg/L (96 h)		Fish
	EC50	10 - 100 mg/L		Crustacean
	EC50	10 - 100 mg/L		Algae
Alpha-cedrene CAS: 469-61-4 EC: 207-418-4	LC50	0.1 - 1 mg/L (96 h)		Fish
	EC50	0.1 - 1 mg/L		Crustacean
	EC50	0.1 - 1 mg/L		Algae

12.2 Persistence and degradability:

Identification	Degradability		Biodegradability	
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	BOD5	Non-applicable	Concentration	10 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	100 %
Benzyl salicylate CAS: 118-58-1 EC: 204-262-9	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	93 %
Linalool CAS: 78-70-6 EC: 201-134-4	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	0.55	% Biodegradable	90 %
Vanillin CAS: 121-33-5 EC: 204-465-2	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	14 days
	BOD5/COD	Non-applicable	% Biodegradable	97 %
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) CAS: 63500-71-0 EC: 405-040-6	BOD5	Non-applicable	Concentration	10 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	10 %
2-phenylethanol CAS: 60-12-8 EC: 200-456-2	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	14 days
	BOD5/COD	Non-applicable	% Biodegradable	87 %
Coumarin CAS: 91-64-5 EC: 202-086-7	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	14 days
	BOD5/COD	Non-applicable	% Biodegradable	100 %
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	BOD5	Non-applicable	Concentration	81 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	80 %
1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4h-inden-4-one CAS: 33704-61-9 EC: 251-649-3	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	0 %

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Degradability		Biodegradability	
2-(4-tert-Butylbenzyl)propionaldehyde, Lysmeral extra CAS: 80-54-6 EC: 201-289-8	BOD5	Non-applicable	Concentration	20 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	81 %
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol CAS: 28219-61-6 EC: 248-908-8	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	0 %
Dipentene CAS: 138-86-3 EC: 205-341-0	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	14 days
	BOD5/COD	Non-applicable	% Biodegradable	69 %
Geraniol CAS: 106-24-1 EC: 203-377-1	BOD5	Non-applicable	Concentration	100 mg/L
	COD	Non-applicable	Period	21 days
	BOD5/COD	Non-applicable	% Biodegradable	70 %

12.3 Bioaccumulative potential:

Identification	Bioaccumulation potential	
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	BCF	8
	Pow Log	1.96
	Potential	Low
Benzyl salicylate CAS: 118-58-1 EC: 204-262-9	BCF	311
	Pow Log	4
	Potential	High
Linalool CAS: 78-70-6 EC: 201-134-4	BCF	39
	Pow Log	2.97
	Potential	Moderate
Vanillin CAS: 121-33-5 EC: 204-465-2	BCF	6
	Pow Log	1.37
	Potential	Low
2-phenylethanol CAS: 60-12-8 EC: 200-456-2	BCF	6
	Pow Log	1.36
	Potential	Low
Coumarin CAS: 91-64-5 EC: 202-086-7	BCF	10
	Pow Log	1.39
	Potential	Low
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	BCF	174
	Pow Log	3.9
	Potential	High
1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4h-inden-4-one CAS: 33704-61-9 EC: 251-649-3	BCF	82
	Pow Log	4.2
	Potential	Moderate
Citronellyl acetate CAS: 150-84-5 EC: 205-775-0	BCF	260
	Pow Log	4.04
	Potential	High
2-(4-tert-Butylbenzyl)propionaldehyde, Lysmeral extra CAS: 80-54-6 EC: 201-289-8	BCF	275
	Pow Log	4.2
	Potential	High
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol CAS: 28219-61-6 EC: 248-908-8	BCF	65
	Pow Log	4.4
	Potential	Moderate
Dipentene CAS: 138-86-3 EC: 205-341-0	BCF	660
	Pow Log	4.57
	Potential	High
Geraniol CAS: 106-24-1 EC: 203-377-1	BCF	110
	Pow Log	3.56
	Potential	High

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SECTION 12: ECOLOGICAL INFORMATION (continued)

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Benzyl acetate CAS: 140-11-4 EC: 205-399-7	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	3,558E-2 N/m (25 °C)	Moist soil	Non-applicable
Benzyl salicylate CAS: 118-58-1 EC: 204-262-9	Koc	5600	Henry	Non-applicable
	Conclusion	Immobile	Dry soil	Non-applicable
	Surface tension	Non-applicable	Moist soil	Non-applicable
3-ethoxy-4-hydroxybenzaldehyde CAS: 121-32-4 EC: 204-464-7	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	1,87E-2 N/m (276,18 °C)	Moist soil	Non-applicable
Vanillin CAS: 121-33-5 EC: 204-465-2	Koc	130	Henry	2,128E-4 Pa·m ³ /mol
	Conclusion	Very High	Dry soil	No
	Surface tension	Non-applicable	Moist soil	No
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	No
	Surface tension	Non-applicable	Moist soil	No
2-phenylethanol CAS: 60-12-8 EC: 200-456-2	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	3,807E-2 N/m (25 °C)	Moist soil	Non-applicable
Coumarin CAS: 91-64-5 EC: 202-086-7	Koc	42	Henry	Non-applicable
	Conclusion	Very High	Dry soil	Non-applicable
	Surface tension	Non-applicable	Moist soil	Non-applicable
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	Non-applicable	Moist soil	Yes
1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4h-inden-4-one CAS: 33704-61-9 EC: 251-649-3	Koc	200	Henry	Non-applicable
	Conclusion	Moderate	Dry soil	Non-applicable
	Surface tension	Non-applicable	Moist soil	Non-applicable
2-(4-tert-Butylbenzyl)propionaldehyde, Lysmeral extra CAS: 80-54-6 EC: 201-289-8	Koc	1285	Henry	2,52 Pa·m ³ /mol
	Conclusion	Low	Dry soil	Yes
	Surface tension	Non-applicable	Moist soil	Yes
2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol CAS: 28219-61-6 EC: 248-908-8	Koc	870	Henry	Non-applicable
	Conclusion	Low	Dry soil	Non-applicable
	Surface tension	Non-applicable	Moist soil	Non-applicable
Dipentene CAS: 138-86-3 EC: 205-341-0	Koc	1300	Henry	3242,4 Pa·m ³ /mol
	Conclusion	Low	Dry soil	Yes
	Surface tension	Non-applicable	Moist soil	Yes

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 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):

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SECTION 13: DISPOSAL CONSIDERATIONS (continued)

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. We do not recommended disposal down the drain. 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 2019 and RID 2019:

	14.1 UN number:	UN3077
	14.2 UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzyl salicylate; Hexyl salicylate)
	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:	Non-applicable	
Physico-Chemical properties:	see section 9	
Limited quantities:	5 kg	
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable	

Transport of dangerous goods by sea:

With regard to IMDG 38-16:

	14.1 UN number:	UN3077
	14.2 UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzyl salicylate; Hexyl salicylate)
	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:	335, 966, 274, 967, 969	
EmS Codes:	F-A, S-F	
Physico-Chemical properties:	see section 9	
Limited quantities:	5 kg	
Segregation group:	Non-applicable	
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable	

Transport of dangerous goods by air:

With regard to IATA/ICAO 2019:

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SECTION 14: TRANSPORT INFORMATION (continued)



14.1 UN number:	UN3077
14.2 UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzyl salicylate; Hexyl salicylate)
14.3 Transport hazard class(es):	9
Labels:	9
14.4 Packing group:	III
14.5 Environmental hazards:	Yes
14.6 Special precautions for user	
Physico-Chemical properties:	see section 9
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:	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

Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
E2		200	500

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

Non-applicable

Specific provisions in terms of protecting people or the environment:

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

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

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 (Regulation (EC) No 2015/830)

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:

H411: Toxic to aquatic life with long lasting effects

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

Texts of the legislative phrases mentioned in section 3:

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

CLP Regulation (EC) No 1272/2008:

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SECTION 16: OTHER INFORMATION (continued)

Acute Tox. 4: H302 - Harmful if swallowed
Aquatic Acute 1: H400 - Very toxic to aquatic life
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways
Eye Dam. 1: H318 - Causes serious eye damage
Eye Irrit. 2: H319 - Causes serious eye irritation
Flam. Liq. 3: H226 - Flammable liquid and vapour
Repr. 2: H361 - Suspected of damaging fertility or the unborn child
Skin Irrit. 2: H315 - Causes skin irritation
Skin Sens. 1: H317 - May cause an allergic skin reaction
Skin Sens. 1B: H317 - May cause an allergic skin reaction

Classification procedure:

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

Advice related to training:

Minimal 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: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol-water partition coefficient
Koc: Partition coefficient of organic carbon