



AROMA CAR
LOVE Heart Spicy

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

- 1.1 Product identifier:** AROMA CAR
LOVE Heart Spicy
- 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:**
MTM INDUSTRIES Sp.z o.o.
Ul. Metalowców 6
62-800 Kalisz - Wielkopolskie - Polska
Phone.: +48 62 767 33 21 - Fax: +48 62 767 33 79
info@mtm-industries.eu
www.mtm-industries.eu
- 1.4 Emergency telephone number:** Tel.: +48 62 767 33 21, available only during working hours (8h -17h) from monday to friday.
112, available outside working hours.

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
Skin Sens. 1B: Sensitisation, skin, Category 1B, H317
- 2.2 Label elements:**
CLP Regulation (EC) No 1272/2008:
Warning
- 

- Hazard statements:**
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
P302+P352: IF ON SKIN: Wash with plenty of water
P333+P313: If skin irritation or rash occurs: Get medical advice/attention
P501: Dispose of contents/container according to the separated collection system used in your municipality
- Supplementary information:**
Contains (ethoxymethoxy)cyclododecane, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one, 1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4h-inden-4-one, alpha-iso-methylionone, Cinnamal, Coumarin, d-limonene (r)-p-mentha-1,8-diene, Linalool, Linalyl acetate, Methyl 2,6,10-trimethylcyclododeca-2,5,9-trien-1-yl ketone, methyl cedryl ether, Pentadecan-15-olide, Pin-2(10)-ene
- Substances that contribute to the classification**
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one; Cedryl methyl ketone
- 2.3 Other hazards:**
Product fails to meet PBT/vPvB criteria

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance:**
Non-applicable
- 3.2 Mixture:**
Chemical description: Mixture composed of chemical products
Components:

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

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

Identification	Chemical name/Classification	Concentration
CAS: 54464-57-2 EC: 915-730-3 Index: Non-applicable REACH: 01-2119489989-04-XXXX	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8-tetramethyl-2-naphthyl)ethan-1-one⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	2,5 - <10 %
CAS: 1222-05-5 EC: 214-946-9 Index: 603-212-00-7 REACH: 01-2119488227-29-XXXX	1,3,4,6,7,8-hexahydro-4,6,6,7,8-hexamethylindeno[5,6-c]pyran⁽¹⁾ ATP ATP01 Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning	2,5 - <10 %
CAS: 18479-58-8 EC: 242-362-4 Index: Non-applicable REACH: 01-2119457274-37-XXXX	2,6-dimethyloct-7-en-2-ol⁽¹⁾ Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning	1 - <2,5 %
CAS: 32388-55-9 EC: 251-020-3 Index: Non-applicable REACH: 01-2119969651-28-XXXX	Cedryl methyl ketone⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1B: H317 - Warning	1 - <2,5 %
CAS: 115-95-7 EC: 204-116-4 Index: Non-applicable 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	<1 %
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	<1 %
CAS: 58567-11-6 EC: 261-332-1 Index: Non-applicable REACH: 01-2119971571-34-XXXX	(ethoxymethoxy)cyclododecane⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	<1 %
CAS: 19870-74-7 EC: 243-384-7 Index: Non-applicable REACH: 01-2120228335-61-XXXX	methyl cedryl ether⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1B: H317 - Warning	<1 %
CAS: 5989-27-5 EC: 227-813-5 Index: Non-applicable REACH: Non-applicable	d-limonene (r)-p-mentha-1,8-diene⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Danger	<1 %
CAS: 91-64-5 EC: 202-086-7 Index: Non-applicable REACH: 01-2119949300-45-XXXX	Coumarin⁽¹⁾ Self-classified Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Chronic 3: H412; Skin Sens. 1B: H317 - Warning	<1 %
CAS: 127-51-5 EC: 204-846-3 Index: Non-applicable REACH: 01-2119471851-35-XXXX	alpha-iso-methylionone⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Sens. 1B: H317 - Warning	<1 %
CAS: 144020-22-4 EC: 482-330-9 Index: Non-applicable REACH: 01-2119430466-41-XXXX	Methyl 2,6,10-trimethylcyclododeca-2,5,9-trien-1-yl ketone⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1B: H317 - Warning	<1 %
CAS: 127-91-3 EC: 204-872-5 Index: Non-applicable REACH: 01-2119519230-54-XXXX	Pin-2(10)-ene⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Danger	<1 %
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 Regulation 1272/2008 Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning	<1 %
CAS: 106-02-5 EC: 203-354-6 Index: Non-applicable REACH: 01-2119987323-31-XXXX	Pentadecan-15-olide⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning	<1 %

⁽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: 57378-68-4 EC: 260-709-8 Index: Non-applicable REACH: 01-2119535122-53-XXXX	1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one⁽¹⁾ Self-classified	<1 %
	Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Warning	
CAS: 104-55-2 EC: 203-213-9 Index: Non-applicable REACH: 01-2119935242-45-XXXX	Cinnamal⁽¹⁾ Self-classified	<1 %
	Regulation 1272/2008 Acute Tox. 4: H312; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Warning	

⁽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 11, 12 and 16.

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

By ingestion/aspiration:

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

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

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

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES
5.1 Extinguishing media:

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 full jet water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

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

5.3 Advice for firefighters:

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

Additional provisions:

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SECTION 5: FIREFIGHTING MEASURES (continued)

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.

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

Store in a cool, dry, well-ventilated location

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):

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran CAS: 1222-05-5 EC: 214-946-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	28,85 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	5,29 mg/m ³	Non-applicable
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	20,8 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	73,5 mg/m ³	Non-applicable
Cedryl methyl ketone CAS: 32388-55-9 EC: 251-020-3	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,333 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1,175 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
(ethoxymethoxy)cyclododecane CAS: 58567-11-6 EC: 261-332-1	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	3,3 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	23,5 mg/m ³	Non-applicable
Pin-2(10)-ene CAS: 127-91-3 EC: 204-872-5	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	Non-applicable	Non-applicable	5,98 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
Cinnamal CAS: 104-55-2 EC: 203-213-9	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	2,5125 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	2,203947368 mg/m ³	Non-applicable

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran CAS: 1222-05-5 EC: 214-946-9	Oral	Non-applicable	Non-applicable	0,75 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	14,43 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1,3 mg/m ³	Non-applicable
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	Oral	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	21,7 mg/m ³	Non-applicable
Cedryl methyl ketone CAS: 32388-55-9 EC: 251-020-3	Oral	Non-applicable	Non-applicable	0,166 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,166 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0,289 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
(ethoxymethoxy)cyclododecane CAS: 58567-11-6 EC: 261-332-1	Oral	Non-applicable	Non-applicable	1,67 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	1,67 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	5,8 mg/m ³	Non-applicable
Pin-2(10)-ene CAS: 127-91-3 EC: 204-872-5	Oral	Non-applicable	Non-applicable	0,31 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1,06 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

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Cinnamal CAS: 104-55-2 EC: 203-213-9	Oral	Non-applicable	Non-applicable	2,5 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	0,625 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	0,543478261 mg/m ³	Non-applicable

PNEC:

Identification				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran CAS: 1222-05-5 EC: 214-946-9	STP	1 mg/L	Fresh water	0,0044 mg/L
	Soil	0,31 mg/kg	Marine water	0,00044 mg/L
	Intermittent	0,047 mg/L	Sediment (Fresh water)	2 mg/kg
	Oral	3,3 g/kg	Sediment (Marine water)	0,394 mg/kg
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	STP	10 mg/L	Fresh water	0,0278 mg/L
	Soil	0,103 mg/kg	Marine water	0,00278 mg/L
	Intermittent	0,278 mg/L	Sediment (Fresh water)	0,594 mg/kg
	Oral	111 g/kg	Sediment (Marine water)	0,0594 mg/kg
Cedryl methyl ketone CAS: 32388-55-9 EC: 251-020-3	STP	10 mg/L	Fresh water	0,00174 mg/L
	Soil	4,87 mg/kg	Marine water	0,000174 mg/L
	Intermittent	0,0086 mg/L	Sediment (Fresh water)	24,4 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	2,44 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
(ethoxymethoxy)cyclododecane CAS: 58567-11-6 EC: 261-332-1	STP	100 mg/L	Fresh water	0,0016 mg/L
	Soil	0,468 mg/kg	Marine water	0,00016 mg/L
	Intermittent	0,016 mg/L	Sediment (Fresh water)	2,35 mg/kg
	Oral	33,3 g/kg	Sediment (Marine water)	0,235 mg/kg
Pin-2(10)-ene CAS: 127-91-3 EC: 204-872-5	STP	3,26 mg/L	Fresh water	0,002 mg/L
	Soil	0,49 mg/kg	Marine water	0,0002 mg/L
	Intermittent	Non-applicable	Sediment (Fresh water)	0,485 mg/kg
	Oral	1,35 g/kg	Sediment (Marine water)	0,048 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
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
Cinnamal CAS: 104-55-2 EC: 203-213-9	STP	13,119 mg/L	Fresh water	1,004 mg/L
	Soil	56,08472512 mg/kg	Marine water	0,1004 mg/L
	Intermittent	1,004 mg/L	Sediment (Fresh water)	159,1851438 mg/kg
	Oral	0,000333333 g/kg	Sediment (Marine water)	159,1851438 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.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

C.- Specific protection for the hands



Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Protective gloves against minor risks			Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2003+A1:2009 and EN ISO 374-1:2016

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



D.- Ocular and facial protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2001 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer 's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing			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 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007

F.- Additional emergency measures

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

Environmental exposure controls:

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

Volatile organic compounds:

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

V.O.C. (Supply):	2,49 % weight
V.O.C. density at 20 °C:	26,39 kg/m ³ (26,39 g/L)
Average carbon number:	10
Average molecular weight:	154,12 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:	Characteristic
Colour:	Characteristic

*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)

Odour:	Aromatic
Odour threshold:	Non-applicable *
Volatility:	
Boiling point at atmospheric pressure:	Non-applicable *
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:	1060,7 kg/m ³
Relative density at 20 °C:	1,061
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	Non-applicable *
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:

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SECTION 10: STABILITY AND REACTIVITY (continued)

Applicable for handling and storage at room temperature:

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

10.5 Incompatible materials:

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

10.6 Hazardous decomposition products:

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: 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.

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: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous 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 dangerous 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 dangerous for the effects mentioned. For more information see section 3.
IARC: Non-applicable
- 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, as it does not 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.

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

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:

Identification	Acute toxicity		Genus
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran CAS: 1222-05-5 EC: 214-946-9	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L (4 h)	
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	LD50 oral	3600 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L (4 h)	
Cedryl methyl ketone CAS: 32388-55-9 EC: 251-020-3	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L (4 h)	
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: 915-730-3	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Linalyl acetate CAS: 115-95-7 EC: 204-116-4	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	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	>20 mg/L	
(ethoxymethoxy)cyclododecane CAS: 58567-11-6 EC: 261-332-1	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L	
methyl cedryl ether CAS: 19870-74-7 EC: 243-384-7	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
d-limonene (r)-p-mentha-1,8-diene CAS: 5989-27-5 EC: 227-813-5	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Coumarin CAS: 91-64-5 EC: 202-086-7	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
alpha-iso-methylionone CAS: 127-51-5 EC: 204-846-3	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Methyl 2,6,10-trimethylcyclododeca-2,5,9-trien-1-yl ketone CAS: 144020-22-4 EC: 482-330-9	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Pin-2(10)-ene CAS: 127-91-3 EC: 204-872-5	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>20 mg/L	
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	>2000 mg/kg	
	LC50 inhalation	>5 mg/L	
Pentadecan-15-olide CAS: 106-02-5 EC: 203-354-6	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>5 mg/L	

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
	LD50 oral	LD50 dermal	
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one CAS: 57378-68-4 EC: 260-709-8	>2000 mg/kg	>2000 mg/kg	
Cinnamal CAS: 104-55-2 EC: 203-213-9	LD50 oral	2100 mg/kg	Rat
	LD50 dermal	1100 mg/kg	Rat
	LC50 inhalation	>20 mg/L	

Acute Toxicity Estimate (ATE mix):

ATE mix		Ingredient(s) of unknown toxicity
Oral	>2000 mg/kg (Calculation method)	Non-applicable
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	LC50	Acute toxicity		Species	Genus
		EC50	EC50		
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: 915-730-3	0.1 - 1 mg/L (96 h)				Fish
	0.1 - 1 mg/L				Crustacean
	0.1 - 1 mg/L				Algae
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran CAS: 1222-05-5 EC: 214-946-9	0.1 - 1 mg/L (96 h)				Fish
	0.1 - 1 mg/L				Crustacean
	0.1 - 1 mg/L				Algae
Cedryl methyl ketone CAS: 32388-55-9 EC: 251-020-3	0.1 - 1 mg/L (96 h)				Fish
	0.1 - 1 mg/L				Crustacean
	0.1 - 1 mg/L				Algae
Linalool CAS: 78-70-6 EC: 201-134-4	27.8 mg/L (96 h)			Oncorhynchus mykiss	Fish
	59 mg/L (48 h)			Daphnia magna	Crustacean
	88.3 mg/L (96 h)			Scenedesmus subspicatus	Algae
(ethoxymethoxy)cyclododecane CAS: 58567-11-6 EC: 261-332-1	1.9 mg/L (96 h)			Brachydanio rerio	Fish
	1.6 mg/L (48 h)			Daphnia magna	Crustacean
	53 mg/L (96 h)			Scenedesmus subspicatus	Algae
methyl cedryl ether CAS: 19870-74-7 EC: 243-384-7	0.1 - 1 mg/L (96 h)				Fish
	0.1 - 1 mg/L				Crustacean
	0.1 - 1 mg/L				Algae
d-limonene (r)-p-mentha-1,8-diene CAS: 5989-27-5 EC: 227-813-5	0.1 - 1 mg/L (96 h)				Fish
	0.1 - 1 mg/L				Crustacean
	0.1 - 1 mg/L				Algae
Coumarin CAS: 91-64-5 EC: 202-086-7	10 - 100 mg/L (96 h)				Fish
	10 - 100 mg/L				Crustacean
	10 - 100 mg/L				Algae
alpha-iso-methylionone CAS: 127-51-5 EC: 204-846-3	1 - 10 mg/L (96 h)				Fish
	1 - 10 mg/L				Crustacean
	1 - 10 mg/L				Algae
Methyl 2,6,10-trimethylcyclododeca-2,5,9-trien-1-yl ketone CAS: 144020-22-4 EC: 482-330-9	0.1 - 1 mg/L (96 h)				Fish
	0.1 - 1 mg/L				Crustacean
	0.1 - 1 mg/L				Algae
Pin-2(10)-ene CAS: 127-91-3 EC: 204-872-5	0.1 - 1 mg/L (96 h)				Fish
	0.1 - 1 mg/L				Crustacean
	0.1 - 1 mg/L				Algae

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Species	Genus
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
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
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one CAS: 57378-68-4 EC: 260-709-8	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	
2,6-dimethyloct-7-en-2-ol CAS: 18479-58-8 EC: 242-362-4	BOD5	Non-applicable	Concentration	10 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	72 %
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 %
(ethoxymethoxy)cyclododecane CAS: 58567-11-6 EC: 261-332-1	BOD5	Non-applicable	Concentration	10 mg/L
	COD	Non-applicable	Period	28 days
	BOD5/COD	Non-applicable	% Biodegradable	5 %
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 %

12.3 Bioaccumulative potential:

Identification	Bioaccumulation potential	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran CAS: 1222-05-5 EC: 214-946-9	BCF	1584
	Pow Log	5.9
	Potential	Very High
Linalool CAS: 78-70-6 EC: 201-134-4	BCF	39
	Pow Log	2.97
	Potential	Moderate
Pin-2(10)-ene CAS: 127-91-3 EC: 204-872-5	BCF	440
	Pow Log	4.35
	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
Cinnamal CAS: 104-55-2 EC: 203-213-9	BCF	8
	Pow Log	1.9
	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
(ethoxymethoxy)cyclododecane CAS: 58567-11-6 EC: 261-332-1	Koc	14600	Henry	Non-applicable
	Conclusion	Immobile	Dry soil	Non-applicable
	Surface tension	Non-applicable	Moist soil	Non-applicable
Pin-2(10)-ene CAS: 127-91-3 EC: 204-872-5	Koc	Non-applicable	Henry	Non-applicable
	Conclusion	Non-applicable	Dry soil	Non-applicable
	Surface tension	2,685E-2 N/m (25 °C)	Moist soil	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	Koc	200	Henry	Non-applicable
	Conclusion	Moderate	Dry soil	Non-applicable
	Surface tension	Non-applicable	Moist soil	Non-applicable

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Absorption/desorption		Volatility	
Cinnamal CAS: 104-55-2 EC: 203-213-9	Koc	37	Henry	3,546E-1 Pa·m ³ /mol
	Conclusion	Very High	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

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommend 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. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)
- 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:

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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. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)
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:



- 14.1 UN number:** UN3077
14.2 UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)
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: Cinnamal (Product-type 2)
 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:

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SECTION 15: REGULATORY INFORMATION (continued)

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

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. 4: H302 - Harmful if swallowed

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

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways

Eye Irrit. 2: H319 - Causes serious eye irritation

Flam. Liq. 3: H226 - Flammable liquid and vapour

Skin Irrit. 2: H315 - Causes skin irritation

Skin Sens. 1A: 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 Sens. 1B: 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

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 -