

SECT	SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING				
1.1	Product identifier:	piece of Art NEW CAR			
	Other means of identification:				
	UFI:	DPW0-00FP-M00U-S3VT			
1.2	Relevant identified uses of the substance or mixture and uses advised against:				
	Relevant uses: Air freshener				
	Uses advised against: All uses not specified in this section or in section 7.3				
1.3	Details of the supplier of the safety data sheet:				
	MB ELIX sp. z oo sp.k. ul. Skarżyńskiego 26 54-530 Wrocław - Poland Phone: 0048 71 387 85 33 - Fax: 0048 71 722 29 68 lab@elix.pl www.elixscent.com				

1.4 Emergency telephone number: 0048 71 387 85 33 (8.00-16.00)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412

Eye Irrit. 2: Eye irritation, Category 2, H319 Skin Sens. 1A: Sensitisation, skin, Category 1A, H317

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Labelling of packages where the contents do not exceed 125 ml:

Warning



Hazard statements:

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

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

P332+P313: If skin irritation occurs: Get medical advice/attention.

P501: Dispose of contents/container according to the separated collection system used in your municipality.

Supplementary information:

Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, 1,3,4,6,7,8a-hexahydro-1,1,5,5-tetramethyl-2H-2,4a-methanonaphthalen-8(5H)-one, cedryl methyl ketone, isoeugenol.

UFI: DPW0-00FP-M00U-S3VT

2.3 Other hazards:

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Chemical description: Mixture composed of chemical products

Components:

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

	Identification		Chemical name/Classification		Concentration
	100-79-8 202-888-7 Non-applicable 01-2120066005-66- XXXX	2,2-dimethyl-1,3-diox Regulation 1272/2008	tolan-4-ylmethanol ⁽¹⁾ Eye Irrit. 2: H319 - Warning	Self-classified	20 - <25 %
CAS: EC: Index: REACH:	54464-57-2 259-174-3 Non-applicable 01-2119489989-04	1-(1,2,3,4,5,6,7,8-oct Regulation 1272/2008	ahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one ⁽¹⁾ Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	Self-classified	5 - <7,5 %
	32388-55-9 251-020-3 Non-applicable 01-2119969651-28	Cedryl methyl ketone Regulation 1272/2008	(1) Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1B: H317 - Warning	Self-classified	0,25 - <0,5 %
	23787-90-8 245-890-3 Non-applicable 01-2120136162-69-XXXX	Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning		Self-classified	0,1 - <0,25 %
	216-133-4 Regulation 1272/2008 Acute Tox. 4: H302: Aquatic Acute 1: H400: Aquatic Chronic 1: H410 - Warning		Self-classified	0,1 - <0,25 %	
	469-61-4 207-418-4 Non-applicable Non-applicable	Alpha-cedrene(1) Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Skin Irrit. 2: H315 - Danger	Self-classified	0,05 - <0,1 %
CAS: EC: Index: REACH:	97-54-1 202-590-7 Non-applicable 01-2120223682-61	Isoeugenol ⁽¹⁾ Regulation 1272/2008	Acute Tox. 4: H302+H312; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: Warning	Self-classified H317 -	0,05 - <0,1 %

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

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

Other information:

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

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

Identification	Acut	Genus	
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	LD50 oral	920 mg/kg	Rat
CAS: 1506-02-1	LD50 dermal	Not relevant	
EC: 216-133-4	LC50 inhalation	Not relevant	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

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

By inhalation:

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

By skin contact:

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



SECTION 4: FIRST AID MEASURES (continued)

By eye contact:

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

By ingestion/aspiration:

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

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

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

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

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

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

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

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

5.3 Advice for firefighters:

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

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

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

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

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

6.3 Methods and material for containment and cleaning up:

It is recommended:

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.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

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

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

C.- Technical recommendations on general occupational hygiene

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

D.- Technical recommendations to prevent environmental risks

Preferably use aspiration for cleaning. Given the danger of the product by inhalation, any cleaning method that involves exposure to the product in this way (sweeping, etc.) is not recommended

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.:5 °CMaximum Temp.:35 °CMaximum time:36 Month

Maximum time: 36 Months B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

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

DNEL (Workers):

		Short e	exposure	Long e	xposure
Identification		Systemic	Local	Systemic	Local
Cedryl methyl ketone	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 32388-55-9	Dermal	Not relevant	Not relevant	0,333 mg/kg	Not relevant
EC: 251-020-3	Inhalation	Not relevant	Not relevant	1,17 mg/m ³	Not relevant
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2- naphthyl)ethan-1-one	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 1506-02-1	Dermal	Not relevant	Not relevant	0,61 mg/kg	Not relevant
EC: 216-133-4	Inhalation	0,525 mg/m ³	Not relevant	0,175 mg/m ³	Not relevant

DNEL (General population):

		Short	exposure	Long	exposure
Identification		Systemic	Local	Systemic	Local
Cedryl methyl ketone	Oral	Not relevant	Not relevant	0,167 mg/kg	Not relevant
CAS: 32388-55-9	Dermal	Not relevant	Not relevant	0,167 mg/kg	Not relevant
EC: 251-020-3	Inhalation	Not relevant	Not relevant	0,29 mg/m ³	Not relevant
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2- naphthyl)ethan-1-one	Oral	1,2 mg/kg	Not relevant	0,013 mg/kg	Not relevant
CAS: 1506-02-1	Dermal	Not relevant	Not relevant	0,305 mg/kg	Not relevant
EC: 216-133-4	Inhalation	0,131 mg/m ³	Not relevant	0,043 mg/m ³	Not relevant



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	STP	10 mg/L	Fresh water	0,2 mg/L
CAS: 100-79-8	Soil	2,5 mg/kg	Marine water	0,2 mg/L
EC: 202-888-7	Intermittent	0,09 mg/L	Sediment (Fresh water)	1,18316 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,1183 mg/kg
Cedryl methyl ketone	STP	10 mg/L	Fresh water	0,00174 mg/L
CAS: 32388-55-9	Soil	4,87 mg/kg	Marine water	0,000174 mg/L
EC: 251-020-3	Intermittent	0,0086 mg/L	Sediment (Fresh water)	24,4 mg/kg
	Oral	Not relevant	Sediment (Marine water)	2,44 mg/kg
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2- naphthyl)ethan-1-one	STP	2,2 mg/L	Fresh water	0,0022 mg/L
CAS: 1506-02-1	Soil	0,01 mg/kg	Marine water	0,00022 mg/L
EC: 216-133-4	Intermittent	0,0061 mg/L	Sediment (Fresh water)	1,72 mg/kg
	Oral	0,0011 g/kg	Sediment (Marine water)	0,345 mg/kg

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	Chemical protective gloves (Material: Latex (natural rubber), Breakthrough time: > 480 min, Thickness: 0.6 mm)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

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

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Panoramic glasses against splash/projections.	CAT II	EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer´s instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing	CATI		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	CAT II	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



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Environmental exposure controls:

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical prope	erties:
	For complete information see the product datasheet.	
	Appearance:	
	Physical state at 20 °C:	Solid
	Appearance:	Compact
	Colour:	Aquamarine, Blue, Red, Violet, Yellow
	Odour:	Pleasant
	Odour threshold:	Not relevant *
	Volatility:	
	Boiling point at atmospheric pressure:	Not relevant *
	Vapour pressure at 20 °C:	Not relevant *
	Vapour pressure at 50 °C:	Not relevant *
	Evaporation rate at 20 °C:	Not relevant *
	Product description:	
	Density at 20 °C:	1341 kg/m³
	Relative density at 20 °C:	1,341
	Dynamic viscosity at 20 °C:	Not relevant *
	Kinematic viscosity at 20 °C:	Not relevant *
	Kinematic viscosity at 40 °C:	>20,5 mm²/s
	Concentration:	Not relevant *
	pH:	Not relevant *
	Vapour density at 20 °C:	Not relevant *
	Partition coefficient n-octanol/water 20 °C:	Not relevant *
	Solubility in water at 20 °C:	Not relevant *
	Solubility properties:	Not relevant *
	Decomposition temperature:	Not relevant *
	Melting point/freezing point:	Not relevant *
	Flammability:	
	Flash Point:	Non-applicable
	Flammability (solid, gas):	Not relevant *
	Autoignition temperature:	Not relevant *
	Lower flammability limit:	Not relevant *
	Upper flammability limit:	Not relevant *
	Explosive (Solid):	
	Lower explosive limit:	Not relevant *
	Upper explosive limit:	Not relevant *
	Particle characteristics:	
	Median equivalent diameter:	Not relevant *
9.2	Other information:	
	*Not relevant due to the nature of the product, not providing inform	ation property of its hazards.



CTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)						
Information with regard to physical hazard clas	Information with regard to physical hazard classes:					
Explosive properties:	Not relevant *					
Oxidising properties:	Not relevant *					
Corrosive to metals:	Not relevant *					
Heat of combustion:	Not relevant *					
Aerosols-total percentage (by mass) of flammable components:	Not relevant *					
Other safety characteristics:						
Surface tension at 20 °C:	Not relevant *					
Refraction index:	Not relevant *					
*Not relevant due to the nature of the product, not providing info	*Not relevant due to the nature of the product, not providing information property of its hazards.					

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

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

10.5 Incompatible materials:

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

10.6 Hazardous decomposition products:

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

SECTION 11: TOXICOLOGICAL INFORMATION

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

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

Dangerous health implications:

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

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- B- Inhalation (acute effect):

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

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

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



SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
 - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3. IARC: Not relevant
 - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
 - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
 - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
 - Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.
- F- Specific target organ toxicity (STOT) single exposure:

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

- G- Specific target organ toxicity (STOT)-repeated exposure:
 - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

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

H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus	
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	LD50 oral	7000 mg/kg	Rat	
CAS: 100-79-8	LD50 dermal			
EC: 202-888-7	LC50 inhalation			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	LD50 oral	920 mg/kg	Rat	
CAS: 1506-02-1	LD50 dermal	7940 mg/kg	Rabbit	
EC: 216-133-4	LC50 inhalation			
Isoeugenol	LD50 oral	1500 mg/kg	Rat	
CAS: 97-54-1	LD50 dermal	1100 mg/kg	Rat	
EC: 202-590-7	LC50 inhalation			

11.2 Information on other hazards:

Endocrine disrupting properties

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

Other information

Not relevant

SECTION 12: ECOLOGICAL INFORMATION

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

Harmful to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:



SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification		Concentration	Species	Genus	
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan- 1-one	LC50	>1 - 10 mg/L (96 h)		Fish	
CAS: 54464-57-2	EC50	>1 - 10 mg/L (48 h)		Crustacean	
EC: 259-174-3	EC50	>1 - 10 mg/L (72 h)		Algae	
Cedryl methyl ketone	LC50	>0.1 - 1 mg/L (96 h)		Fish	
CAS: 32388-55-9	EC50	>0.1 - 1 mg/L (48 h)		Crustacean	
EC: 251-020-3	EC50	>0.1 - 1 mg/L (72 h)		Algae	
1,3,4,6,7,8a-hexahydro-1,1,5,5-tetramethyl-2H-2,4a- methanonaphthalen-8(5H)-one	LC50	>1 - 10 mg/L (96 h)		Fish	
CAS: 23787-90-8	EC50	>1 - 10 mg/L (48 h)		Crustacean	
EC: 245-890-3	EC50	>1 - 10 mg/L (72 h)		Algae	
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	LC50	>0.1 - 1 mg/L (96 h)		Fish	
CAS: 1506-02-1	EC50	>0.1 - 1 mg/L (48 h)		Crustacean	
EC: 216-133-4	EC50	>0.1 - 1 mg/L (72 h)		Algae	
Alpha-cedrene	LC50	>0.1 - 1 mg/L (96 h)		Fish	
CAS: 469-61-4	EC50	>0.1 - 1 mg/L (48 h)		Crustacean	
EC: 207-418-4	EC50	>0.1 - 1 mg/L (72 h)		Algae	

Chronic toxicity:

Identification	Concentration		Species	Genus
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	NOEC	Not relevant		
CAS: 100-79-8 EC: 202-888-7	NOEC	10 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	BCF	1
CAS: 100-79-8	Pow Log	
EC: 202-888-7	Potential	Low
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	BCF	
CAS: 1506-02-1	Pow Log	5.7
EC: 216-133-4	Potential	

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

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

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)			
07 01 04*	other organic solvents, washing liquids and mother liquors	Hazardous			
Type of waste (Regulation (EU) No 1357/2014):					
HP14 Ecotoxic, HP4 Irritant — skin irritation and eye damage					
Waste management (disposal and evaluation):					



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-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

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

SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

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

Not relevant

Specific provisions in terms of protecting people or the environment:

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

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not relevant

Texts of the legislative phrases mentioned in section 2:

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

H412: Harmful to aquatic life with long lasting effects.

Texts of the legislative phrases mentioned in section 3:

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

CLP Regulation (EC) No 1272/2008:



SECTION 16: OTHER INFORMATION (continued)

Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H302+H312 - Harmful if swallowed or 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. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Eye Irrit. 2: H319 - Causes serious eye irritation. 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:

Eye Irrit. 2: Calculation method Skin Sens. 1A: Calculation method Aquatic Chronic 3: Calculation method

Advice related to training:

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

Principal bibliographical sources:

http://echa.europa.eu http://eur-lex.europa.eu

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation COD: Chemical Oxygen Demand BOD5: 5day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50 EC50: Effective concentration 50 LogPOW: Octanolwater partition coefficient Koc: Partition coefficient of organic carbon UFI: unique formula identifier IARC: International Agency for Research on Cancer

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