

<div>Mr&amp;Mrs</div> <div>FRAGRANCE</div>	MATERIAL SAFETY DATA SHEET		ANDY & FRIDA
	FRIDA SECRET		
Current revision date: 23/01/2023	Current revision number: 03	Previous revision date: 28/12/2020	Previous revision number: 02

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Commercial name** : FRIDA SECRET  
**UFI** : YA20-M0HF-C00M-H32N  
**European product categorisation system (EuPCS):** PC-AIR-4 - Air care products for vehicles

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Uses	CONSUMER	PROFESSIONAL	INDUSTRIAL
	EVA air freshener for small rooms		
<b>Uses advises against</b> :	All those not expressly identified on the label		
<b>Life cycle stages</b> :	C-Consumer use		

### 1.3 Details of the supplier of the safety data sheet

Joy Fragrances s.r.l.  
 Via Gavinana, 14 - 21052 BUSTO ARSIZIO (VA) – Italy  
 tel. +39 0331 536942 - [www.mrandmrsfragrance.com](http://www.mrandmrsfragrance.com)  
 email competent person [info@joyfragrances.it](mailto:info@joyfragrances.it)

### 1.4 Emergency telephone number

Joy Fragrances s.r.l. - Tel +39 +39 0331 536942 – from 09,30 to 12,30 – from 15,30 to 19,30

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### 2.1.1 Classification in accordance with Regulation (EC) No 1272/2008:

The product is classified as dangerous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments), the product therefore requires a safety data sheet compliant with the provisions of Regulation (EU) 2020/878.

**Hazard pictogram(s)** : GHS09  
**Hazard Class and Notes Category Code(s)** : Aquatic Chronic 2  
**Hazard statement Code(s)** : H411 - Toxic to aquatic life with long lasting effects

#### 2.1.2 Adverse Effects

The product is dangerous for the environment as it is toxic to aquatic organisms with long lasting effects

### 2.2 Label elements

#### 2.2.1 Label in accordance with Regulation (EC) No 1272/2008

**Hazard pictogram(s)** : GHS09



**Signal Word Code(s)** : No signal word is used  
**Hazard statement Code(s)** : H411 - Toxic to aquatic life with long lasting effects  
**Suppl. Hazard statement Code(s)** : EUH208 - Contains (Methyl cedryl ketone, Tetramethyl acetyloctahydronaphthalenes, Helional, 3,7-dimethyloctan-3-ol). May produce an allergic reaction

#### Precautionary statements

##### General

P101 - If medical advice is needed, have product container or label at hand.  
 P102 - Keep out of reach of children.

##### Prevention

P273 - Avoid release to the environment.

##### Disposal

P501 - Dispose of contents/container in accordance with local/ national regulation.

#### 2.2.2 Additional regulations to be implemented on the label

Regulation (EC) 648/2004 : Not applicable  
 Regulation (EU) 528/2012 : Not applicable

**Additional information:** Not a toy. Do not swallow. Do not leave the product exposed in environments with temperatures above 70°C. Do not use the product for purposes other than those intended. Only insert into the air vents. Avoid contact with shiny or metallic surfaces.

### 2.3 Other hazards

The mixture does NOT contain PBT / vPvB substances according to Regulation (EC) 1907/2006, annex XIII in concentrations equal to or greater than 0.1% by weight.  
 The mixture does NOT contain substances that have been included in the list established in accordance with Article 59, paragraph 1 due to properties of interference with the endocrine system in concentrations equal to or greater than 0.1% by weight.  
 The mixture does NOT contain a substance identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentrations equal to or greater than 0.1% by weight.

ISO 8317_ Child-resistant packaging - Requirements and testing procedures for reclosable packages	Not applicable
EN 862_ Child-resistant packaging - Requirements and testing procedures for non-reclosable packages for non-pharmaceutical products	Not applicable
Tactile warnings of danger (ISO 11683_Packaging - Tactile warnings of danger - Requirements)	Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant

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3.2 Mixtures

Refer to section 16 for the full text of the hazard statements.

Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
---	297-629-8	93685-81-5	01-2120752626-49	Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated		3.5 < x < 4.0
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Flam. Liq. 3 H226, Asp. Tox. 1 H304, Aquatic Chronic 4 H413			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			EUH066	GHS02; GHS08 – DANGER		--
Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
---	242-362-4	18479-58-8	01-2119457274-37	2,6-dimethyloct-7-en-2-ol / dihydromyrcenol		2.5 < x < 3.0
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Skin Irrit. 2 H315, Eye Irrit. 2 H319			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			--	GHS07, WARNING		--
Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
---	201-828-7	88-41-5	--	2-t-butylcyclohexyl acetate		2.5 < x < 3.0
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Aquatic Chronic 2 H411			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			--	GHS09 ---		--
Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
603-101-00-3	405-040-6	63500-71-0	01-0000015458-64	Tetrahydro-merhyl-methylpropyl)-pyran-4-ol		1.5 < x < 2.0
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Eye Irrit. 2 H319			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			--	GHS07, WARNING		--
Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
---	261-245-9	58430-94-7	01-2119972325-34	Trimethylhexyl acetate		1.0 < x < 1.5
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Skin Irrit. 2 H315, Aquatic Chronic 2 H411			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			--	GHS07, GHS09 - WARNING		--
Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
603-212-00-7	214-946-9	1222-05-5	01-2119488227-29	Hexamethylindanopyran		0.7 < x < 0.8
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Aquatic Acute 1, H400 - Aquatic Chronic 1, H410			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			--	GHS09 - WARNING		M=1 --
Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
---	251-020-3	32388-55-9	01-2119969651-28	Methyl cedryl ketone / Acetylcedrene		0.7 < x < 0.8
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Skin Sens. 1B H317, Aquatic Acute 1 H400, Aquatic Chronic 1 H410			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			EUH066	GHS07 - WARNING		M acute=1, M chronic=1
Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
---	915-730-3	54464-57-2	01-2119489989-04	Tetramethyl acetyloctahydronaphthalenes		0.7 < x < 0.8
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 1 H410			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			--	GHS07, GHS09 - WARNING		M=1 --
Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
---	214-881-6	1205-17-0	01-2120740119-58	Methylenedioxyphenyl methylpropanal (Helional)		0.25 < x < 0.30
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Skin Sens. 1B H317, Aquatic Chronic 2 H411			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			--	GHS07, GHS08, GHS09 - WARNING		--
Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
--	201-133-9	78-69-3	01-2119454788-21	Tetrahydrolinalool / 3,7-dimethyloctan-3-ol		0.25 < x < 0.30
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Skin Irrit. 2 H315, Skin Sens. 1B H317, Eye Irrit. 2 H319			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			--	GHS07- WARNING		--
Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
---	268-979-9	68155-67-9	--	1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)		0.10 < x < 0.15
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 1 H410			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			--	GHS07, GHS09 - WARNING		M=1 --
Index number	EC/List n°.	CAS	REACH	International Chemical Identification		X= Conc. %
---	268-978-3	68155-66-8	--	1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)		0.10 < x < 0.15
Hazard Class and Category Code(s), Hazard Statement Code(s)			Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)		Notes
Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 1 H410			Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
			--	GHS07, GHS09 - WARNING		M=1 --

SECTION 4: First aid measures

4.1 Description of first aid measures

First aid instructions categorized according to relevant routes of exposure. It is advisable for those who provide first aid to wear the personal protective equipment deemed suitable for the conditions in which the intervention is to be carried out.

Inhalation

Given the specificity of the product and the small quantities of substances released, conditions such as to require first aid measures are not foreseen.

Skin

Wash the areas of the body that have come into contact with the product with plenty of soap and water, even if they are only suspected.

Eyes

Given the particular structure of the product, accidental contacts are unpredictable and mainly of traumatic and/or voluntary origin. If necessary, apply fresh compresses and, if the painful phenomena continue, contact the medical staff.

Ingestion

SEEK MEDICAL ATTENTION IMMEDIATELY.

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4.2 Most important symptoms and effects, both acute and delayed

- Inhalation
- They are not known and there are no specific reports on symptoms and effects caused by the product.
- Skin
- They are not known and there are no specific reports on symptoms and effects caused by the product.
- Eyes
- Redness.
- Ingestion
- They are not known and there are no specific reports on symptoms and effects caused by the product.

4.3 Indication of any immediate medical attention and special treatment needed

See section 4.1 Description of first aid measures.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Water spray, CO<sub>2</sub>, alcohol resistant foam, chemical powders depending on the materials involved in the fire.
- Unsuitable extinguishing media : None in particular

5.2 Special hazards arising from the substance or mixture

During combustion, fumes that are potentially harmful to health may develop. If exposed to flame, it catches fire and continues to burn with a dimly lit flame even if removed from the heat source.

5.3 Advice for firefighters

Use protective clothing for the respiratory tract, eyes and skin. Water spray can be used to disperse vapors and protect people engaged in firefighting. It is also advisable to use self-contained breathing apparatus, especially if you work in closed and poorly ventilated places. Wear the specific protective equipment of the firefighting team. Given the polymeric characteristic of the material, the possible presence of considerable quantities of product in the environments involved in the fire can be a source of risk in causing the re-ignition of the fire in the presence of oxygen since the internal layers can conserve heat. It is therefore necessary, in the event of a fire in environments where large quantities of product have been involved, to dissipate the heat retained inside.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel : Move away from the area surrounding the spill or release. Not smoking.
- For emergency responders : General information: No smoking. Use suitable personal protective equipment, see Section 8.

6.2 Environmental precautions

Contain leaks with inert material. Avoid dispersion and/or washout in sewers and surface waters. Dispose of the residue according to current regulations.

6.3 Methods and material for containment and cleaning up

- 6.3.1 Appropriate advice shall be provided on how to contain a spill
- Keep dry.
- 6.3.2 Appropriate advice shall be provided on how to clean-up a spill
- After collection, wash the affected area and materials with plenty of water and recover the resulting fluids.
- 6.3.3 Any other information shall be provided relating to spills and releases, including advice on inappropriate containment or clean-up techniques
- Hand over waste only to specialized companies

6.4 Reference to other sections

Refer to sections 8 and 13 for more information

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Normal precautions for handling sensitizing chemical products, protecting themselves from any accidental contact. Do not smoke, eat or drink while handling.

7.2 Conditions for safe storage, including any incompatibilities

- How to manage risks associated with:
- i) explosive atmospheres

Nothing to report

ii) corrosive conditions

Nothing to report

iii) flammability hazards

Nothing to report

iv) incompatible substances or mixtures

Avoid contact with solvents which could damage the product.

v) evaporative conditions

Keep in the original packaging, in well-ventilated areas at room temperature.

vi) potential ignition sources (including electrical equipment)

Keep away from open flames, sparks and sources of ignition in general. Appropriate maintenance of all the electrical components of machines, systems and electrical installations in general can give a sufficient guarantee of reducing the risk of fire.
- How to control the effects of:
- i) weather conditions

Store indoors in dry environments.

ii) ambient pressure

Nothing to report

iii) Temperature

Store at room temperature

iv) sunlight

Do not store in direct sunlight.

v) humidity

Keep away from humidity.

vi) Vibration

Nothing to report
- How to maintain the integrity of the substance or mixture by the use of:
- i) stabilisers

Nothing to report

ii) antioxidants

Nothing to report
- Other advice including
- i) ventilation requirements

Keep in cool and ventilated places.

ii) specific designs for storage rooms or vessels (including retention walls and ventilation)

Nothing to report

iii) quantity limits under storage conditions (if relevant)

Keep in cool and ventilated places.

iv) packaging compatibilities

Nothing to report

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v) Storage class		Not applicable					
7.3 Specific end use(s)							
Consumer: Follow the instructions given on the label/box/information leaflets.							
SECTION 8: Exposure controls/personal protection							
8.1 Control parameters							
Related to the substances contained							
Substance:		Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated					
CAS:		93685-81-5					
GESTIS International Limit Values							
		Limit value – Eight hours			Limit value – Short term		
		ppm	mg/m³	ppm	mg/m³		
		--	--	--	--		
Remarks		--					
Link DNEL value		<a href="https://echa.europa.eu/it/registration-dossier/-/registered-dossier/13879">https://echa.europa.eu/it/registration-dossier/-/registered-dossier/13879</a>					
DNEL (Workers)				DNEL (Population)			
Systemic		Local		Systemic		Local	
Long term		Short term		Long term		Short term	
Inhalation	No hazard identified		No hazard identified		Inhalation	No hazard identified	
Dermal	No hazard identified		No hazard identified		Dermal	No hazard identified	
Oral	Not available		Not available		Oral	Not available	
Eyes	Not available		No hazard identified		Eyes	No hazard identified	
PNEC							
Freshwater	No data available: testing technically not feasible		Intermittent	Not available		Marine water	No data available: testing technically not feasible
STP	No data available: testing technically not feasible		Sediment (freshwater)	No data available: testing technically not feasible		Sediment (marine water)	No data available: testing technically not feasible
Air	No hazard identified		Soil	No data available: testing technically not feasible		Hazard for predators	No data available: testing technically not feasible
Substance:		2,6-dimethyloct-7-en-2-ol / dihydromyrcenol					
CAS:		18479-58-8					
GESTIS International Limit Values							
		Limit value - Eight hours			Limit value - Short term		
		ppm	mg/m³	ppm	mg/m³		
		--	--	--	--		
Remarks		--					
<a href="https://echa.europa.eu/it/registration-dossier/-/registered-dossier/15832">https://echa.europa.eu/it/registration-dossier/-/registered-dossier/15832</a>							
DNEL (Workers)				DNEL (Population)			
Systemic		Local		Systemic		Local	
Long term		Short term		Long term		Short term	
Inhalation	73.5 mg/m³	No hazard identified	No hazard identified	Inhalation	21.7 mg/m³	No hazard identified	No hazard identified
Dermal	20.8 mg/kg bw/day	No hazard identified	No hazard identified	Dermal	12.5 mg/kg bw/day	No hazard identified	No hazard identified
Oral	Not available	Not available	Not available	Oral	12.5 mg/kg bw/day	No hazard identified	Not available
Eyes	Not available	No hazard identified	No hazard identified	Eyes	Not available	No hazard identified	No hazard identified
PNEC							
Freshwater	27.8 µg/L	Intermittent	0.278 µg/L	Marine water	2.78 µg/L		
STP	10 mg/L	Sediment (freshwater)	0.594 mg/kg sediment dw	Sediment (marine water)	0.059 mg/kg sediment dw		
Air	No hazard identified	Soil	0.103 mg/kg soil dw	Hazard for predators	111 mg/kg food		
Substance:		Tetrahydro-merhyl-methylpropyl)-pyran-4-ol					
CAS:		63500-71-0					
GESTIS International Limit Values							
		Limit value - Eight hours			Limit value - Short term		
		ppm	mg/m³	ppm	mg/m³		
		--	--	--	--		
Remarks		--					
<a href="https://echa.europa.eu/it/registration-dossier/-/registered-dossier/14480">https://echa.europa.eu/it/registration-dossier/-/registered-dossier/14480</a>							
DNEL (Workers)				DNEL (Population)			
Systemic		Local		Systemic		Local	
Long term		Short term		Long term		Short term	
Inhalation	44.1 mg/L	No hazard identified	No hazard identified	Inhalation	13 mg/L	No hazard identified	No hazard identified
Dermal	41.7 mg/kg bw/day	No hazard identified	No hazard identified	Dermal	25 mg/kg bw/day	No hazard identified	No hazard identified
Oral	Not available	Not available	Not available	Oral	7.5 mg/kg bw/day	No hazard identified	Not available
Eyes	Not available	Medium hazard (no threshold derived)	No hazard identified	Eyes	Not available	No hazard identified	No hazard identified
PNEC							
Freshwater	0.094 mg/L	Intermittent	0.94 mg/L	Marine water	0.009 mg/L		
STP	10 mg/L	Sediment (freshwater)	0.412 mg/kg/sediment	Sediment (marine water)	0.041 mg/kg/sediment		
Air	No hazard identified	Soil	0.09 mg/kg soil	Hazard for predators	No potential to cause toxic effects if accumulated (in higher organisms) via the food chain		
Substance:		Trimethylhexyl acetate					
CAS:		58430-94-7					
GESTIS International Limit Values							
		Limit value - Eight hours			Limit value - Short term		
		ppm	mg/m³	ppm	mg/m³		
		--	--	--	--		

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		Remarks							
		--							
Link DNEL value		<a href="https://echa.europa.eu/it/registration-dossier/-/registered-dossier/13930">https://echa.europa.eu/it/registration-dossier/-/registered-dossier/13930</a>							
		DNEL (Workers)				DNEL (Population)			
		Systemic		Local		Systemic		Local	
		Long term		Short term		Long term		Short term	
Inhalation		5.64 mg/m³		No hazard identified		Inhalation		1.4 mg/m³	
Dermal		0.8 mg/kg bw/day		No hazard identified		Dermal		0.4 mg/m³	
Oral		Not available		Not available		Oral		0.4 mg/m³	
Eyes		Not available		No hazard identified		Eyes		Not available	
PNEC									
Freshwater		7.7 µg/L		Intermittent		77 µg/L		Marine water	
STP		10 mg/L		Sediment (freshwater)		2.895 mg/kg sediment dw		Sediment (marine water)	
Air		No hazard identified		Soil		0.573 mg/kg soil dw		Hazard for predators	
Substance:		Hexamethylindanopyran							
CAS:		1222-05-5							
		GESTIS International Limit Values							
		Limit value - Eight hours				Limit value - Short term			
		ppm		mg/m³		ppm		mg/m³	
		--		--		--		--	
		Remarks							
		--							
		<a href="https://echa.europa.eu/it/registration-dossier/-/registered-dossier/14504">https://echa.europa.eu/it/registration-dossier/-/registered-dossier/14504</a>							
		DNEL (Workers)				DNEL (Population)			
		Systemic		Local		Systemic		Local	
		Long term		Short term		Long term		Short term	
Inhalation		13.5 mg/L		No hazard identified		Inhalation		4 mg/L	
Dermal		36.7 mg/kg bw/day		No hazard identified		Dermal		22 mg/kg bw/day	
Oral		Not available		Not available		Oral		2.3 mg/kg bw/day	
Eyes		Not available		No hazard identified		Eyes		Not available	
PNEC									
Freshwater		6.8 µg/L		Intermittent		Not available		Marine water	
STP		1 mg/L		Sediment (freshwater)		2 mg/kg/sediment		Sediment (marine water)	
Air		No hazard identified		Soil		1.5 mg/kg soil		Hazard for predators	
Substance:		Methyl cedryl ketone / Acetylcedrene							
CAS:		32388-55-9							
		GESTIS International Limit Values							
		Limit value - Eight hours				Limit value - Short term			
		ppm		mg/m³		ppm		mg/m³	
		--		--		--		--	
		Remarks							
		--							
		<a href="https://echa.europa.eu/it/registration-dossier/-/registered-dossier/12524">https://echa.europa.eu/it/registration-dossier/-/registered-dossier/12524</a>							
		DNEL (Workers)				DNEL (Population)			
		Systemic		Local		Systemic		Local	
		Long term		Short term		Long term		Short term	
Inhalation		1.17 mg/m³		Hazard unknown but no further hazard information necessary as no exposure expected		Inhalation		0,29 mg/m³	
Dermal		0,333 mg/kg bw/day		Hazard unknown but no further hazard information necessary as no exposure expected		Dermal		0,167 mg/kg bw/day	
Oral		Not available		Not available		Oral		0,167 mg/kg bw/day	
Eyes		Not available		No hazard identified		Eyes		Not available	
PNEC									
Freshwater		1.74 µg/L		Intermittent		8.6 µg/L		Marine water	
STP		10 mg/L		Sediment (freshwater)		24.4 mg/kg/sediment		Sediment (marine water)	
Air		No hazard identified		Soil		4.87 mg/kg soil		Hazard for predators	
Substance:		Tetramethyl acetyloctahydronaphthalenes							
CAS:		54464-57-2							
		GESTIS International Limit Values							
		Limit value - Eight hours				Limit value - Short term			
		ppm		mg/m³		ppm		mg/m³	
		--		--		--		--	
		Remarks							
		--							
		<a href="https://echa.europa.eu/it/registration-dossier/-/registered-dossier/15069">https://echa.europa.eu/it/registration-dossier/-/registered-dossier/15069</a>							
		DNEL (Workers)				DNEL (Population)			
		Systemic		Local		Systemic		Local	
		Long term		Short term		Long term		Short term	
Inhalation		30 mg/m³		no hazard identified		Inhalation		9 mg/m³	
Dermal		28.7 mg/kg bw/day		no hazard identified		Dermal		17.2 mg/kg bw/day	
Oral		Not available		Not available		Oral		3 mg/kg bw/day	
Eyes		Not available		no hazard identified		Eyes		Not available	



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		FRIDA SECRET							
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PNEC									
	Freshwater	4.4 µg/L		Intermittent	Not available	Marine water	0.44 µg/L		
	STP	10 mg/L		Sediment (freshwater)	3.73 mg/kg sediment dw	Sediment (marine water)	0.75 mg/kg sediment dw		
	Air	no hazard identified		Soil	2.7 mg/kg soil dw	Hazard for predators	26.7 mg/kg food		
Substance:		Methylenedioxyphenyl methylpropanal (Helional)							
CAS:		1205-17-0							
GESTIS International Limit Values									
		Limit value - Eight hours			Limit value - Short term				
		ppm	mg/m³		ppm	mg/m³			
		--	--		--	--			
		Remarks							
		--							
<a href="https://echa.europa.eu/it/registration-dossier/-/registered-dossier/20444">https://echa.europa.eu/it/registration-dossier/-/registered-dossier/20444</a>									
DNEL (Workers)				DNEL (Population)					
	Systemic		Local			Systemic		Local	
	Long term	Short term	Long term	Short term		Long term	Short term	Long term	Short term
Inhalation	1.2 mg/L	No hazard identified	Hazard unknown but no further hazard information necessary as no exposure expected	No hazard identified	Inhalation	0.29 mg/L	No hazard identified	0.005 mg/cm²	No hazard identified
Dermal	0.17 mg/kg bw/day	No hazard identified	0.01 mg/cm²	No hazard identified	Dermal	0.083 mg/kg bw/day	No hazard identified	No hazard identified	
Oral	Not available		Not available		Oral	0.17 mg/kg bw/day	No hazard identified	Not available	
Eyes	Not available		No hazard identified		Eyes	Not available		No hazard identified	
PNEC									
	Freshwater	0.005 mg/L		Intermittent	0.053 mg/L		Marine water	0.001 mg/L	
	STP	10 mg/L		Sediment (freshwater)	0.057 mg/kg/sediment		Sediment (marine water)	0.006 mg/kg/sediment	
	Air	No hazard identified		Soil	0.008 mg/kg soil		Hazard for predators	No potential for bioaccumulation	
Substance:		Tetrahydrolinalool / 3,7-dimethyloctan-3-ol							
CAS:		78-69-3							
GESTIS International Limit Values									
		Limit value - Eight hours			Limit value - Short term				
		ppm	mg/m³		ppm	mg/m³			
		--	--		--	--			
		Remarks							
		--							
Link DNEL value	<a href="https://echa.europa.eu/it/registration-dossier/-/registered-dossier/14146">https://echa.europa.eu/it/registration-dossier/-/registered-dossier/14146</a>								
DNEL (Workers)				DNEL (Population)					
	Systemic		Local			Systemic		Local	
	Long term	Short term	Long term	Short term		Long term	Short term	Long term	Short term
Inhalation	11.14 mg/m³	No hazard identified	No hazard identified		Inhalation	2.75 mg/m³	No hazard identified	No hazard identified	
Dermal	3.16 mg/kg bw/day	No hazard identified	190 µg/cm²	Low hazard (no threshold derived)	Dermal	1.58 mg/kg bw/day	No hazard identified	190 µg/cm²	Low hazard (no threshold derived)
Oral	Not available		Not available		Oral	1.58 mg/kg bw/day	No hazard identified	Not available	
Eyes	Not available		Low hazard (no threshold derived)		Eyes	Not available		Low hazard (no threshold derived)	
PNEC									
	Freshwater	0.009 mg/L		Intermittent	0.089 mg/L		Marine water	0.001 mg/L	
	STP	450 mg/L		Sediment (freshwater)	0.082 mg/kg sediment dw		Sediment (marine water)	0.008 mg/kg sediment dw	
	Air	No hazard identified		Soil	0.011 mg/kg soil dw		Hazard for predators	No potential for bioaccumulation	
Substance:		1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)							
CAS:		68155-67-9							
GESTIS International Limit Values									
		Limit value - Eight hours			Limit value - Short term				
		ppm	mg/m³		ppm	mg/m³			
		--	--		--	--			
		Remarks							
		--							
https: --									
DNEL (Workers)				DNEL (Population)					
	Systemic		Local			Systemic		Local	
	Long term	Short term	Long term	Short term		Long term	Short term	Long term	Short term
Inhalation	30 mg/m³	No hazard identified	No hazard identified		Inhalation	9 mg/m³	No hazard identified	No hazard identified	
Dermal	28.7 mg/kg bw/day	No hazard identified	648 µg/cm²	Low hazard (no threshold derived)	Dermal	17.2 mg/kg bw/day	No hazard identified	380 µg/cm²	Low hazard (no threshold derived)
Oral	Not available		Not available		Oral	3 mg/kg bw/day	No hazard identified	Not available	
Eyes	Not available		No hazard identified		Eyes	Not available		No hazard identified	
PNEC									
	Freshwater	4.4 µg/L		Intermittent	Not available		Marine water	0.44 µg/L	
	STP	10 mg/L		Sediment (freshwater)	3.73 mg/kg sediment dw		Sediment (marine water)	0.75 mg/kg sediment dw	
	Air	No hazard identified		Soil	2.7 mg/kg soil dw		Hazard for predators	26.7 mg/kg food	
Substance:		1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)							
CAS:		68155-66-8							
GESTIS International Limit Values									
		Limit value - Eight hours			Limit value - Short term				
		ppm	mg/m³		ppm	mg/m³			
		--	--		--	--			
		Remarks							

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		--									
https: --											
DNEL (Workers)						DNEL (Population)					
		Systemic		Local				Systemic		Local	
		Long term	Short term	Long term	Short term			Long term	Short term	Long term	Short term
Inhalation		30 mg/m³	No hazard identified	No hazard identified		Inhalation		9 mg/m³	No hazard identified	No hazard identified	
Dermal		28.7 mg/kg bw/day	No hazard identified	648 µg/cm²	Low hazard (no threshold derived)	Dermal		17.2 mg/kg bw/day	No hazard identified	380 µg/cm²	Low hazard (no threshold derived)
Oral		Not available		Not available		Oral		3 mg/kg bw/day	No hazard identified	Not available	
Eyes		Not available		No hazard identified		Eyes		Not available		No hazard identified	
PNEC											
	Freshwater	4.4 µg/L		Intermittent		Not available		Marine water		0.44 µg/L	
	STP	10 mg/L		Sediment (freshwater)		3.73 mg/kg sediment dw		Sediment (marine water)		0.75 mg/kg sediment dw	
	Air	No hazard identified		Soil		2.7 mg/kg soil dw		Hazard for predators		26.7 mg/kg food	

8.2 Exposure controls

8.2.1 Appropriate engineering controls

If, following the risk assessment and the adoption of preventive technical and/or organizational collective protection measures, it appears that there is still a residual risk for the worker, it is necessary to equip the worker with Personal Protective Equipment. In any company, however, the instructions given by the Head of the Prevention and Protection Service must be complied with, who will have assessed the risk deriving from all the products used in each working phase. Before choosing the PPE to wear, it is essential to know the risks associated with the work environment, the environmental conditions, the job of the wearer and after having consulted the instructions provided by the manufacturer. All PPE belonging to the third category must be delivered to operators only after adequate training.


The use of this mixture does not imply the application of Directive 2004/37 / EC on the protection of workers against the risks deriving from exposure to carcinogens or mutagens at work.

Descriptor for Process categories: PROC19 - Manual activities involving hand contact

8.2.2 Individual protection measures, such as personal protective equipment

The information below must be considered only as an aid to the Head of the Prevention and Protection Service as in addition to this mixture he will have to implement the choices on PPE also in consideration of the other chemical products present in the company used in each specific working phase.

a) EYE/FACE PROTECTION


PITTOGRAM	PPE	METHOD OF CHOOSING THE PPE				
  Eye and face protection devices	PPE for the eyes are second category and must be provided with indelible CE marking and the number of the Notified Body that issued the certification. Their use is foreseen in all places where there is a risk of projections of solid bodies, liquids or optical radiation. For eyeglass wearers, it is possible to use over glasses if the duration of use is limited or to mount graduated lenses on safety frames. Operators wearing contact lenses must make their condition known in order to make it easier, if necessary, to remove them by first aid workers in case of need in an emergency. Standard EN166 Personal eye protection - Specifications	RISK CHARACTERISTICS	PROTECTION			
			Eyeglasses	Glasses with side shields	Mask glasses	Face shield
		Frontal sketches	Good	Good	Excellent	Excellent
		Side sketches	Scarso	Good	Excellent	Good / Excellent
		Frontal splinters	Excellent	Good	Excellent	Excellent if of adequate thickness
		Side impacts	Scant	Fairly good	Excellent	It depends on the length
		Neck and face protection	Scant	Scant	Scant	Fairly good
		Wearability	Good / Very good	Good	Fairly good	Good (for short periods)
		Continuous use	Very good	Very good	Fairly good	Fairly good
		Acceptability for use	Very good	Good	Scant	Fairly good

The Head of the Prevention and Protection Service will assess the need to provide eyewash devices near the areas where the mixture is used.

IN NORMAL USE THERE ARE NO PERSONAL PROTECTIVE EQUIPMENT PROVIDED

b) SKIN PROTECTION


i) Hand protection


PITTOGRAM	PPE	METHOD OF CHOOSING THE PPE				
  Gloves	<p>The choice of gloves depends on the worker's job, the characteristics of the glove and its biocompatibility. The "grip" must always be guaranteed. The general requirements for choosing the most suitable PPE are: harmlessness, ergonomics / comfort, dexterity, transmission and absorption of water vapor and cleaning. Regarding these requirements, the reference technical standard is UNI EN 420 - Protective gloves. General requirements and test methods. Gloves that protect against chemicals are regulated by EN374 - Protective gloves against chemicals and microorganisms. The basic requirements for this type of gloves are: penetration and permeation. Chemical protective gloves are divided into three categories: Type A, B and C; the belonging to which depends on the number of chemicals tested, from a list of 18 substances that have reached a defined permeation time. Gloves must be checked before use. The choice of gloves based on resistance must be made following the UNI EN 16523 standard - Determination of the resistance of materials to the permeation of chemical products. Use proper technique to remove gloves avoiding skin contact with the contaminated outer surface of the glove.</p> <p>After use, wash and dry your hands.</p>	CHEMICAL PROTECTION				
		Type	Level	Time	Substances	
		A	2	30 minutes	minimum 6	
		B	2	30 minutes	minimum 3	
		C	1	10 minutes	minimum 1	
		MATERIALS FOR PROTECTION FROM CHEMICAL AGENTS				
			LATEX	NEOPRENE	NITRILE	PVC
		Highlights	Excellent flexibility and tear resistance	Polyvalent chemical resistance: acids, aliphatic solvents. Good resistance to sunlight and ozone.	Excellent resistance to abrasion and perforation. Excellent resistance to hydrocarbon derivatives	Good resistance to acids and bases
		Precautions	It can cause allergic reactions. Avoid contact with fatty oils and hydrocarbon derivatives.	Avoid contact with fatty oils and hydrocarbon derivatives	Avoid contact with solvents containing ketones and oxidizing acids, organic nitrogen products.	Weak mechanical resistance. Avoid contact with solvents containing ketones and aromatic solvents

The Head of the Prevention and Protection Service will evaluate the choice of PPE to be used based on the duties.

USE WATERPROOF GLOVES

ii) other


PITTOGRAM	PPE	METHOD OF CHOOSING THE PPE				
	PPE for the body can be of different categories depending on their specific use. Under normal working conditions, normal work clothing offers characteristics that provide sufficient protection for workers. In activities presenting particular risks, specific “protective	DANGER	Full coverage garment		Partial coverage garment	
			Waterproof	Permeable to air	Waterproof	Permeable to air
		Gas and fumes	A	NO	NO	NO
		Jets of liquids	A	NO	P	NO
		Splashes and splashes	A	P	P	P

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<div></div> <div>Work clothing</div>	<p>clothing” should be used which covers or replaces personal clothing and which is designed with specific protective characteristics. The basic requirements relating to the ergonomics and health of PPE for the body are: harmlessness of the materials, comfort and effectiveness factors, design, thermal resistance of the clothing and the characteristics of the operators. Please note that to ensure adequacy and mobility with full-coverage protective clothing, it is recommended that all operators carry out the "seven movements" test. Standard EN 13688 Protective clothing - General requirements</p>		Dust	A	A	P	P
			Dirt	A	A	A	A
			NO: Indicates that the possibility is not compatible - A: suitable combination - P: combination that depends on external conditions				
			<p>The protective clothing against chemicals, depending on the barrier performance of the raw material used and the packaging of the garment, have different types of protection: Type 1 (gas-tight), Type 2 (non-watertight gas), Type 3 (liquid tight), Type 4 (splash tight), Type 5 (dust tight), Type 6 (limited liquid splash tight). The chemical risks are many and it is therefore necessary to choose the most appropriate garment, also considering that the materials can be both waterproof and permeable, evaluating the combination between the type of protection offered by the construction techniques and the design adopted for the realization of the garment. itself and the performance class from the raw material.</p>				

If the Head of the Prevention and Protection Service deems it necessary, protective clothing can be worn in combination with an appropriate respiratory protection device and with boots, gloves or other means of protection.

**NO PERSONAL PROTECTIVE EQUIPMENT IS REQUIRED IN NORMAL USE**


#### c) RESPIRATORY PROTECTION

PITTOGRAM	PPE	METHOD OF CHOOSING THE PPE				
 RPD (Respiratory protective devices)	<p>PPE for respiratory protection are of the third category and must be provided with CE marking, the number of the Notified Body that issued the certification and must be provided only after information, training and specific training on their use. To define the type of RPD to use, pay attention to the oxygen rate present in the workplace, using the O<sub>2</sub> concentration of 17% as a limit. Carefully define the type of contaminant (Gas, steam / Dust, particles, viruses), its detection threshold and its use or not in a confined space.</p> <p>The UNI EN 529 standard (Respiratory protection devices - Recommendations for selection, use, care and maintenance - Guidance document) establishing the appropriate FPO value "operational protection factor" (eg use of face masks as per standard UNI EN149 - Respiratory protective devices - Filtering half mask against particles) can be a valid aid in determining the most correct PPE.</p>	DUST FILTERS				
		Efficiency	Dust class	RPD class and marking	Minimum total filtering efficiency	Protection
		LOW	Filters P1	Respirators FFP1	78%	Powders/Harmful aerosol
		AVERAGE	Filters P2	Respirators FFP2	92%	Powders/fumes/ low toxicity aerosol
		HIGH	Filters P3	Respirators FFP3	98%	Powders/fumes / Harmful aerosol
		GAS FILTERS				
		Capacity	Class	Maximum concentration		
		Low	1	Gas / vapor concentrations up to 1000 ppm		
		Average	2	Gas / vapor concentrations up to 5000 ppm		
		High	3	Gas / vapor concentrations up to 10000 ppm		
		TYPE OF FILTERS				
		Type	Protection			Filter color
		A	Organic gases and vapors with a boiling point> 65 ° C			BROWN
		B	Inorganic gases and vapors			GREY
		E	Acid gases			YELLOW
		K	Ammonia and derivatives			GREEN
		P	Toxic dusts, fumes, mists			WHITE
		AX (EN371)	Low boiling point organic gases and vapors <65 ° C			BROWN
		FACTORS TO CONSIDER	REASON	DUST FILTER RESPIRATORS		
	Type of substance	Correct choice of filter type	Filter respirator	Nominal Protection Factor	Operational Protection Factor	
Concentrations	Need / opportunity to protect other parts of the face (eyes - face)	Facial Filter FFP1 Half mask + P1	4	4		
	Filter capacity in relation to exposure time	Facial Filter FFP2 Half mask + P2	12	10		
Visibility	Reduction of protection	Facial Filter FFP3 Half mask + P3	50	30		
Freedom of movement	Reduction of weight and discomfort	Full face + P1	5	4		
Facial anatomy	Mask adequacy	Full face + P2	20	15		
Environmental conditions		Full face + P3	1000	400		

The Head of the Prevention and Protection Service, as well as correctly defining the specific PPE for the activities, must pay attention to follow the instructions provided by the manufacturers of the various PPE.

**NO PERSONAL PROTECTIVE EQUIPMENT IS REQUIRED IN NORMAL USE**

#### d) THERMAL HAZARDS

PITTOGRAM	PPE	OBSERVATIONS
 Hot/Cold	The indications provided in this section define the PPE intended to protect against possible temperature variations that the mixture causes or that the mixture itself may undergo during normal working activities. PPE must protect against excesses in external temperature by maintaining body temperature, thermally insulate while maintaining permeability to water and air to ensure sweating and moisture removal, respectively, so as not to cause heat loss. In order to protect themselves from the cold, PPE must retain a degree of flexibility that allows the operator to perform the necessary actions and to assume certain positions. PPE intended for short-term interventions or likely to receive projections of hot products, must have a calorific capacity sufficient to return most of the stored heat only after the user has removed them.	PPE intended to protect against thermal differences must have an adequate heat flow transmission coefficient to avoid any risk of damage as required by the foreseeable conditions of use. The heat flow transmitted to the operator during the use of PPE must be such that its accumulation does not in any case reach the pain threshold or the one in which any harmful effect on health occurs. PPE must prevent, as far as possible, the penetration of liquids and must not cause injury caused by contact between their protective coating and the operator.

The choice of this type of PPE must be made by guaranteeing thermal insulation power and mechanical and chemical resistance adequate to the foreseeable conditions of use that the Head of the Prevention and Protection Service deems necessary.

**THE MIXTURE IS NOT EXPECTED TO CAUSE OR UNDERTAKE SIGNIFICANT TEMPERATURE CHANGES DURING THE INTENDED USE.**

#### 8.2.3 Environmental exposure controls

Prevent uncontrolled release into the environment.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

The physical and chemical properties listed below are not to be considered technical specifications. The reference specifications are shown in the technical documentation.

Physical and chemical properties		Value	Notes or analytical method
a)	Physical state	Solid	As defined in Annex I, section 1.0 of Reg. 1272/2008
b)	Colour	Various colours	--



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c)	Odour	Characteristic of the fragrance	--
d)	Melting point/freezing point	Not determined	--
e)	Boiling point or initial boiling point and boiling range	Not determined	--
f)	Flammability	NO	Applicable to gases, liquids and solids
g)	Lower and upper explosion limit	Not applicable	Not applicable to solids
h)	Flash point	Not applicable	Does not apply to gases, aerosols and solids
i)	Auto-ignition temperature	Not applicable	Only applicable to gases and liquids
j)	Decomposition temperature	Not applicable	Only applicable to self-reactive substances and mixtures, organic peroxides and other substances and mixtures which may decompose.
k)	pH	Not applicable	The mixture is not soluble in water
l)	Kinematic viscosity	Not applicable	Applies to liquids only
m)	Solubility	Insoluble in water, partially soluble in alcohol	--
n)	Partition coefficient n-octanol/water (log value)	Not applicable	It does not apply to inorganic and ionic liquids and, as a rule, does not apply to mixtures
o)	Vapour pressure	Not determined	According to the REACH regulation, the study must not be conducted if the melting point is above 300°C (Annex VII, column 2 adaptation).
p)	Density and/or relative density	Not applicable	only applies to liquids and solids.
q)	Relative vapour density	Not applicable	only applies to gases and liquids.
r)	Particle characteristics	Not relevant. Non-particulate blend	applies only to solids
9.2 Other information			
a)	Explosives:	Not applicable	
b)	Flammable gases:	Not applicable	
c)	Aerosols:	Not applicable	
d)	Oxidising gases:	Not applicable	
e)	Gases under pressure:	Not applicable	
f)	Flammable liquids:	Not applicable	
g)	Flammable solids:	Not applicable	
h)	Self-reactive substances and mixtures:	Not applicable	
i)	Pyrophoric liquids:	Not applicable	
j)	Pyrophoric solids:	Not applicable	
k)	Self-heating substances and mixtures:	Not applicable	
l)	Substances and mixtures, which emit flammable gases in contact with water:	Not applicable	
m)	Oxidising liquids:	Not applicable	
n)	Oxidizing solids:	Not applicable	
o)	Organic peroxides:	Not applicable	
p)	Corrosive to metals:	Not applicable	
q)	Desensitised explosives:	Not applicable	
9.2.2 Other safety characteristics			
a)	mechanical sensitivity	:	Not applicable
b)	self-accelerating polymerisation temperature	:	Not applicable
c)	formation of explosible dust/air mixtures	:	Not applicable
d)	acid/alkaline reserve	:	Not applicable
e)	evaporation rate	:	Not determinated
f)	miscibility	:	Not miscible with water
g)	conductivity	:	Not applicable
h)	corrosiveness	:	Not applicable
i)	gas group	:	Not applicable
j)	redox potential	:	Not applicable
k)	radical formation potential	:	Not applicable
l)	photocatalytic properties	:	Not applicable
Other physical and chemical parameters:			
COV (Directive 2010/75 / EC)		:	3.36%
SECTION 10: Stability and reactivity			
10.1 Reactivity			
Stable under normal conditions of use and storage.			
10.2 Chemical stability			
Stable under normal conditions of use and storage.			
10.3 Possibility of hazardous reactions			
None known under normal conditions of use.			
10.4 Conditions to avoid			
a)	Temperature	:	do not subject to direct heating
b)	Pressure	:	nothing to report
c)	Light	:	nothing to report
d)	Static discharge	:	nothing to report
e)	Vibrations	:	nothing to report
f)	Other physical stresses	:	no other data available
10.5 Incompatible materials			
a)	Water	:	avoid contact
b)	Air	:	nothing to report
c)	Acids	:	avoid contact
d)	Bases	:	avoid contact
e)	Oxidising agents	:	avoid contact

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- f) Reducing agents : avoid contact
- g) Chemicals : avoid contact

10.6 Hazardous decomposition products

Under normal conditions the preparation does not decompose. Due to thermal decomposition, fumes harmful to health are released.

SECTION 11: Toxicological information

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

Hazard classes		Information
a)	acute toxicity	: Not classified. based on available data, the classification criteria are not met.
b)	skin corrosion/irritation	: Not classified. based on available data, the classification criteria are not met.
c)	serious eye damage/irritation	: Not classified. based on available data, the classification criteria are not met.
d)	respiratory or skin sensitisation	: The presence of sensitizing substances, even in very low concentrations, can cause an allergic reaction.
e)	germ cell mutagenicity	: Not classified. based on available data, the classification criteria are not met.
f)	carcinogenicity	: Not classified. based on available data, the classification criteria are not met.
g)	reproductive toxicity	: Not classified. based on available data, the classification criteria are not met.
h)	STOT-single exposure	: Not classified. based on available data, the classification criteria are not met.
i)	STOT-repeated exposure	: Not classified. based on available data, the classification criteria are not met.
j)	aspiration hazard	: Not classified. based on available data, the classification criteria are not met.

Specific toxicological information for the substances contained (if available)

Substance:	Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated		
CAS:	93685-81-5		
ORAL		INHALATION	DERMAL
Rat LD50: 5000 mg/kg bw		Rat LC50: 5000 mg/m³ air	Rabbit LD50: 2200 mg/kg bw
			NOTEs
			--

The values included in this section are those available, at the time of writing this SDS, in the ECHA dossier in the section Toxicological information or from the supplier's indications.

Substance:	2,6-dimethyloct-7-en-2-ol / dihydromyrcenol		
CAS:	18479-58-8		
ORAL		INHALATION	DERMAL
Rat LD50: 4100 mg/kg bw		--	--
			NOTEs
			--

The values included in this section are those available, at the time of writing this SDS, in the ECHA dossier in the section Toxicological information or from the supplier's indications.

Substance:	Tetrahydro-merhyl-methylpropyl)-pyran-4-ol		
CAS:	63500-71-0		
ORAL		INHALATION	DERMAL
Rat LD50: > 2000 mg/kg bw		--	Rabbit LD50: > 2000 mg/kg bw
			NOTEs
			--

The values included in this section are those available, at the time of writing this SDS, in the ECHA dossier in the section Toxicological information or from the supplier's indications.

Substance:	Trimethylhexyl acetate		
CAS:	58430-94-7		
ORAL		INHALATION	DERMAL
Rat LD50: 4250 mg/kg bw		--	Rabbit LD50: 5000 mg/kg bw
			NOTEs
			--

The values included in this section are those available, at the time of writing this SDS, in the ECHA dossier in the section Toxicological information or from the supplier's indications.

Substance:	Hexamethylindanopyran		
CAS:	1222-05-5		
ORAL		INHALATION	DERMAL
Rat LD50: > 3000 mg/kg bw		Rat LC50: > 5040 mg/m³ air	Rat LD50: > 3250gm/kg bw
			NOTEs
			--

The values included in this section are those available, at the time of writing this SDS, in the ECHA dossier in the section Toxicological information or from the supplier's indications.

Substance:	Methyl cedryl ketone / Acetylcedrene		
CAS:	32388-55-9		
ORAL		INHALATION	DERMAL
Rat LD50: 4 500 mg/kg bw		--	Rabbit LD50: 5 000 mg/kg bw
			NOTEs
			--

The values included in this section are those available, at the time of writing this SDS, in the ECHA dossier in the section Toxicological information or from the supplier's indications.

Substance:	Tetramethyl acetyloctahydronaphthalenes		
CAS:	54464-57-2		
ORAL		INHALATION	DERMAL
Rat LD50: 5000 mg/kg bw		--	Rat LD50: 5000 mg/kg bw
			NOTEs
			--

The values included in this section are those available, at the time of writing this SDS, in the ECHA dossier in the section Toxicological information or from the supplier's indications.

Substance:	Methylenedioxyphenyl methylpropanal (Helional)		
CAS:	1205-17-0		
ORAL		INHALATION	DERMAL
Rat LD50: 3 362 mg/kg bw		--	Rabbit LD50: > 2000 mg/kg bw
			NOTEs
			--

The values included in this section are those available, at the time of writing this SDS, in the ECHA dossier in the section Toxicological information or from the supplier's indications.

Substance:	Tetrahydrolinalool / 3,7-dimethyloctan-3-ol		
CAS:	78-69-3		
ORAL		INHALATION	DERMAL
Rat LD50: 4600 mg/kg bw		--	Rabbit LD50: >5000 mg/kg bw
			NOTEs
			--

The values included in this section are those available, at the time of writing this SDS, in the ECHA dossier in the section Toxicological information or from the supplier's indications.

Substance:	1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)		
CAS:	68155-67-9		
ORAL		INHALATION	DERMAL
Rat LD50: > 5000 mg/kg bw		--	Rat LD50: > 5000 mg/kg bw
			NOTEs
			--

The values included in this section are those available, at the time of writing this SDS, in the ECHA dossier in the section Toxicological information or from the supplier's indications.

Substance:	1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)		
CAS:	68155-66-8		
ORAL		INHALATION	DERMAL
Rat LD50: > 5000 mg/kg bw		--	Rat LD50: > 5000 mg/kg bw
			NOTEs
			--

The values included in this section are those available, at the time of writing this SDS, in the ECHA dossier in the section Toxicological information or from the supplier's indications.

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## 11.2 Information on other hazards

### 11.2.1 Endocrine disrupting properties

The mixture does NOT contain substances identified as having endocrine-disrupting properties in accordance with the criteria established in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentrations equal to or greater than 0.1% in weight.

### 11.2.2 Other information

No further data available

## SECTION 12: Ecological information

**Environmental Release Categories:** ERC11a - Widespread use of articles with low release (indoor)

### 12.1 Toxicity

The product is dangerous for the environment as it is toxic to aquatic life with long lasting effects.

Use according to good working practices, avoiding to disperse the product in the environment.

#### Ecotoxicological information specific to the substances contained

<b>Substance:</b>	Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated				
<b>CAS:</b>	93685-81-5				
<b>LC50 – fish</b>	:	96h – Not calculable	<b>Species</b>	:	Oncorhynchus mykiss
<b>EC50 – aquatic invertebrates</b>	:	48h – Not calculable	<b>Species</b>	:	Daphnia Magna
<b>ERL50 - algae and cyanobacteria</b>	:	72h – Not calculable	<b>Species</b>	:	Desmodesmus subspicatus
<b>NOEC Cronica fish</b>	:	--	<b>Species</b>	:	--
<b>NOEC Cronica aquatic invertebrates</b>	:	--	<b>Species</b>	:	--
<b>NOErL Cronic algae and cyanobacteria</b>	:	--	<b>Species</b>	:	--
<b>Substance:</b>	2,6-dimethyloct-7-en-2-ol / dihydromyrcenol				
<b>CAS:</b>	18479-58-8				
<b>LC50 – fish</b>	:	96h - 27.8 mg/l	<b>Species</b>	:	Oncorhynchus mykiss
<b>EC50 – aquatic invertebrates</b>	:	48h - 38 mg/L	<b>Species</b>	:	Daphnia magna
<b>EC50 - aquatic algae and cyanobacteria</b>	:	72h - 80 mg/L	<b>Species</b>	:	Desmodesmus subspicatus
<b>NOEC chronic fish</b>	:	96h - 19.9 mg/l	<b>Species</b>	:	Oncorhynchus mykiss
<b>NOEC chronic invertebrates</b>	:	48h - 10 mg/L	<b>Species</b>	:	Daphnia magna
<b>NOEC chronic algae and cyanobacteria</b>	:	72h – 25 mg/L	<b>Species</b>	:	Desmodesmus subspicatus
<b>Substance:</b>	Tetrahydro-merhyl-methylpropyl)-pyran-4-ol				
<b>CAS:</b>	63500-71-0				
<b>LC50 – fish</b>	:	96h-354 mg/L	<b>Species</b>	:	Oncorhynchus mykiss
<b>EC50 – aquatic invertebrates</b>	:	48h-320 mg/L	<b>Species</b>	:	Daphnia magna
<b>EC50 - aquatic algae and cyanobacteria</b>	:	72h- >100 mg/L	<b>Species</b>	:	Desmodesmus subspicatus
<b>NOEC chronic fish</b>	:	--	<b>Species</b>	:	--
<b>NOEC chronic invertebrates</b>	:	--	<b>Species</b>	:	--
<b>NOEC chronic algae and cyanobacteria</b>	:	--	<b>Species</b>	:	--
<b>Substance:</b>	Trimethylhexyl acetate				
<b>CAS:</b>	58430-94-7				
<b>LC50 – fish</b>	:	96h - 7.7 mg/L	<b>Species</b>	:	Pimephales promelas
<b>EC50 – aquatic invertebrates</b>	:	48h – 5.4 mg/L	<b>Species</b>	:	Daphnia Magna
<b>ERL50 - algae and cyanobacteria</b>	:	72h - 3.8 mg/L	<b>Species</b>	:	Pseudokirchneriella supcapitata
<b>NOEC Cronica fish</b>	:	96h --- mg/L	<b>Species</b>	:	--
<b>NOEC Cronica aquatic invertebrates</b>	:	48h --- mg/L	<b>Species</b>	:	--
<b>NOErL Cronic algae and cyanobacteria</b>	:	72h – 0.65 mg/L	<b>Species</b>	:	Pseudokirchneriella supcapitata
<b>Substance:</b>	Hexamethylindanopyran				
<b>CAS:</b>	1222-05-5				
<b>LC50 – fish</b>	:	96h: 0.95 mg/L	<b>Species</b>	:	Medaka larvae
<b>EC50 – aquatic invertebrates</b>	:	48h: 0.3 mg/L	<b>Species</b>	:	Daphnia magna
<b>ERL50 - algae and cyanobacteria</b>	:	72h: > 0.7 mg/L	<b>Species</b>	:	Pseudokirchneriella subcapitata
<b>NOEC Cronica fish</b>	:	--	<b>Species</b>	:	--
<b>NOEC Cronica aquatic invertebrates</b>	:	48h: 0.3 mg/l	<b>Species</b>	:	--
<b>NOErL Cronic algae and cyanobacteria</b>	:	72h: 0.23 mg/L	<b>Species</b>	:	Pseudokirchneriella subcapitata
<b>Substance:</b>	Methyl cedryl ketone / Acetylcedrene				
<b>CAS:</b>	32388-55-9				
<b>LC50 – fish</b>	:	96h – 2,3 mg/L	<b>Species:</b>	:	Pimephales promelas
<b>EC50 – aquatic invertebrates</b>	:	48h – 0,86 mg/L	<b>Species:</b>	:	Daphnia magna
<b>EC50 - algae and cyanobacteria</b>	:	96h – 4,3 mg/L	<b>Species:</b>	:	Pseudokirchneriella subcapitata
<b>NOEC Cronica fish</b>	:	--	<b>Species:</b>	:	--
<b>NOEC Cronica aquatic invertebrates</b>	:	--	<b>Species:</b>	:	--
<b>NOEC Cronic algae and cyanobacteria</b>	:	96h – 1,7 mg/L	<b>Species:</b>	:	Pseudokirchneriella subcapitata
<b>Substance:</b>	Tetramethyl acetyloctahydronaphthalenes				
<b>CAS:</b>	54464-57-2				
<b>LC50 – fish</b>	:	96h-1,3 mg/L	<b>Species</b>	:	Lepomis macrochirus
<b>EC50 – aquatic invertebrates</b>	:	48h-1.38 mg/L	<b>Species</b>	:	Daphnia magna
<b>EC50 - aquatic algae and cyanobacteria</b>	:	72h- >2.6 mg/L	<b>Species</b>	:	--
<b>NOEC chronic fish</b>	:	30d-0.54 mg/L	<b>Species</b>	:	Zebra fish
<b>NOEC chronic invertebrates</b>	:	21d-0.044 mg/L	<b>Species</b>	:	Daphnia magna
<b>NOEC chronic algae and cyanobacteria</b>	:	72h- >2.6 mg/L	<b>Species</b>	:	Scenedesmus subspicatus
<b>Substance:</b>	Methylenedioxyphenyl methylpropanal (Helional)				
<b>CAS:</b>	1205-17-0				
<b>LC50 – fish</b>	:	96h - 5.3 mg/L	<b>Species</b>	:	Oncorhynchus mykiss
<b>EC50 – aquatic invertebrates</b>	:	48h - 8.3 mg/L	<b>Species</b>	:	Daphnia magna
<b>ERL50 - algae and cyanobacteria</b>	:	72h - 28 mg/L	<b>Species</b>	:	Pseudokirchneriella subcapitata
<b>NOEC Cronica fish</b>	:	--	<b>Species</b>	:	--

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NOEC Cronica aquatic invertebrates		--	Species : --		Guideline : --		
NOErL Cronic algae and cyanobacteria		72h - 6.25 mg/L	Species : Pseudokirchneriella subcapitata		Guideline : OECD Guideline 201		
Substance:		Tetrahydrolinalool / 3,7-dimethyloctan-3-ol					
CAS:		78-69-3					
LC50 – fish		96h – 22 mg/L	Species : Brachydanio rerio		Guideline : OECD 203		
EC50 – aquatic invertebrates		48h – 27 mg/L	Species : Daphnia Magna		Guideline : OECD 202		
ERL50 - algae and cyanobacteria		48h – 14.2 mg/L	Species : Pseudokirchneriella subcapitata		Guideline : OECD 201		
NOEC Cronica fish		--	Species : --		Guideline : --		
NOEC Cronica aquatic invertebrates		--	Species : --		Guideline : --		
NOErL Cronic algae and cyanobacteria		--	Species : --		Guideline : --		
Substance:		1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)					
CAS:		68155-67-9					
LC50 – fish		96h-0.563 mg/l	Species : Lepomis macrochirus		Guidelines : OECD 203		
EC50 – aquatic invertebrates		48h- 1.38 mg/l	Species : Daphnia magna		Guidelines : OECD guideline 202		
EC50 - aquatic algae and cyanobacteria		72h- > 2.6 mg/l	Species : Scenedesmus subspicatus		Guidelines : OECD guideline 201		
NOEC chronic fish		--	Species : --		Guidelines : --		
NOEC chronic invertebrates		--	Species : --		Guidelines : --		
NOEC chronic algae and cyanobacteria		72h- ≥ 2.6 mg/l	Species : Scenedesmus subspicatus		Guidelines : OECD guideline 201		
Substance:		1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)					
CAS:		68155-66-8					
LC50 – fish		96h-0.563 mg/l	Species : Lepomis macrochirus		Guidelines : OECD 203		
EC50 – aquatic invertebrates		48h- 1.38 mg/l	Species : Daphnia magna		Guidelines : OECD guideline 202		
EC50 - aquatic algae and cyanobacteria		72h- > 2.6 mg/l	Species : Scenedesmus subspicatus		Guidelines : OECD guideline 201		
NOEC chronic fish		--	Species : --		Guidelines : --		
NOEC chronic invertebrates		--	Species : --		Guidelines : --		
NOEC chronic algae and cyanobacteria		72h- ≥ 2.6 mg/l	Species : Scenedesmus subspicatus		Guidelines : OECD guideline 201		
12.2 Persistence and degradability							
Data not available for the mixture.							
Specific biodegradation information for the substances contained							
Substance:		Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated					
CAS:		93685-81-5					
Biodegradation in water:		Biodegradable				Test time : 28d	
Substance:		2,6-dimethyloct-7-en-2-ol / dihydromyrcenol					
CAS:		18479-58-8					
Biodegradation in water:		Easily biodegradable				Test time : 28d	
Substance:		Tetrahydro-merhyl-methylpropyl)-pyran-4-ol					
CAS:		63500-71-0					
Biodegradation in water:		Not easily biodegradable				Test time : --	
Substance:		Trimethylhexyl acetate					
CAS:		58430-94-7					
Biodegradation in water:		Easily biodegradable				Test time : 28d	
Substance:		Hexamethylindanopyran					
CAS:		1222-05-5					
Biodegradation in water		Not readily biodegradable				Test time : 28d	
Substance:		Methyl cedryl ketone / Acetylcedrene					
CAS:		32388-55-9					
Biodegradation in water		Not biodegradable				Test time : 28 d	
Substance:		Tetramethyl acetyloctahydronaphthalenes					
CAS:		54464-57-2					
Biodegradation in water:		Non biodegradable				Test time : 42d	
Substance:		Methylenedioxyphenyl methylpropanal (Helional)					
CAS:		1205-17-0					
Biodegradation in water:		Intrinsically biodegradable				Test time : 24 d	
Substance:		Tetrahydrolinalool / 3,7-dimethyloctan-3-ol					
CAS:		78-69-3					
Biodegradation in water:		Easily biodegradable				Test time: 28d	
Substance:		1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)					
CAS:		68155-67-9					
Biodegradation in water:		Not biodegradable				Test time : 42d	
Substance:		1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)					
CAS:		68155-66-8					
Biodegradation in water:		Not biodegradable				Test time : 42d	
12.3 Bioaccumulative potential							
Data not available for the mixture.							
Bioaccumulation information specific to the substances contained							
Substance:		Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated					
CAS:		93685-81-5					
Partition coefficient: n-octanol/water		:	The estimated log Pow in Petrorisk using SPARC v4.2 is 6.96				
BCF		:	Not available				

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Substance:	2,6-dimethyloct-7-en-2-ol / dihydromyrcenol			
CAS:	18479-58-8			
Partition coefficient: n-octanol / water		Log Kow (Log Pow): 3.25 a 40 °C		
BCF		64.8 L/kg ww		
Substance:	Tetrahydro-merhyl-methylpropyl)-pyran-4-ol			
CAS:	63500-71-0			
Partition coefficient: n-octanol / water		: Log Kow (Log Pow): 1.65		
BCF		: - -		
Substance:	Trimethylhexyl acetate			
CAS:	58430-94-7			
Partition coefficient: n-octanol / water		: Log Kow (Log Pow): 4.6 a 25°C		
BCF		: BCF (aquatic species): 2 000 L/kg ww		
Substance:	Hexamethylindanopyran			
CAS:	1222-05-5			
Partition coefficient: n-octanol / water		Log Kow (Log Pow): 5.3 a 25°C		
BCF		(aquatic species): 1 584 L / kg body weight (terrestrial species): 2 395 L / kg body weight		
Substance:	Methyl cedryl ketone / Acetylcedrene			
CAS:	32388-55-9			
Partition coefficient: octanol/water		Log Kow (Log Pow): 5.9		
BCF		3920 dimensionless		
Substance:	Tetramethyl acetyloctahydronaphthalenes			
CAS:	54464-57-2			
Partition coefficient: n-octanol / water		: Log Kow (Log Pow): 5.65 to 30°C		
BCF		: 391 L/kg ww		
Substance:	Methylenedioxyphenyl methylpropanal (Helional)			
CAS:	1205-17-0			
Partition coefficient: n-octanol / water		: Log Kow (Log Pow): 2.4 a 25°C		
BCF		: Not available		
Substance:	Tetrahydrolinalool / 3,7-dimethyloctan-3-ol			
CAS:	78-69-3			
Partition coefficient: n-octanol / water		: Log Kow (Log Pow): 3.3 a 20°C		
BCF		: 99.87 L/kg ww		
Substance:	1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)			
CAS:	68155-67-9			
Partition coefficient: n-octanol/water		: Log Kow (Log Pow): 5.65 at 30°C		
BCF		: For aquatic organisms 391. For terrestrial organisms 5361 l/kg ww.		
Substance:	1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)			
CAS:	68155-66-8			
Partition coefficient: n-octanol/water		: Log Kow (Log Pow): 5.65 at 30°C		
BCF		: For aquatic organisms 391. For terrestrial organisms 5361 l/kg ww.		
12.4 Mobility in soil				
Data not available for the mixture.				
Mobility information in soil specific to the substances contained				
Substance:	Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated			
CAS:	93685-81-5			
The standard tests for this endpoint are intended for single substances and are not appropriate for these complex substances.				
Substance:	2,6-dimethyloct-7-en-2-ol / dihydromyrcenol			
CAS:	18479-58-8			
A study was conducted following the OECD 121 guideline: the adsorption coefficient of the test element was determined to be 177.83 (Log Koc = 2.25). Given its high solubility in water, this value is low enough to suggest that the test element will show limited uptake to soil or sediment particles and will primarily depart into water (either surface water or groundwater compartments).				
Substance:	Tetrahydro-merhyl-methylpropyl)-pyran-4-ol			
CAS:	63500-71-0			
Log Koc: 1.62 – The substance is not expected to be absorbed from the soil.				
Substance:	Trimethylhexyl acetate			
CAS:	58430-94-7			
Koc at 20 °C: 3 723.92 [Log Koc: 3.571] The substance is considered to be "slightly mobile" in sediments and soils (McCall 1981).				
Substance:	Hexamethylindanopyran			
CAS:	1222-05-5			
Log 4.16 (Koc: 14.300 L/kg) the substance will have a high potential for adsorption into the sediment/soil.				
Substance:	Methyl cedryl ketone / Acetylcedrene			
CAS:	32388-55-9			
Koc at 20 °C: 140 000 [= LogKoc: 5.1]				
Substance:	Tetramethyl acetyloctahydronaphthalenes			
CAS:	54464-57-2			
Koc at 20°C: 12589 [Log Koc: 4.12]				
Substance:	Methylenedioxyphenyl methylpropanal (Helional)			
CAS:	1205-17-0			
Koc at 20 °C: 71.3 [= logKoc : 1.85]				



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ANDY & FRIDA

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Current revision number: 03

Previous revision date: 28/12/2020

Previous revision number: 02

Substance: Tetrahydrolinalool / 3,7-dimethyloctan-3-ol

CAS: 78-69-3

According to the log koc calculated for the substance of 1.75 (Koc =56.3) an adsorption of the substance on soil particles is not probable (SRC PCKOCWIN v1.66, 2007).

Substance: 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)

CAS: 68155-67-9

Koc at 20 °C: 12 589 [LogKoc: 4.12]

Substance: 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one (INCI: Tetramethyl Acetyloctahydronaphthalenes)

CAS: 68155-66-8

Koc at 20 °C: 12 589 [LogKoc: 4.12]

12.5 Results of PBT and vPvB assessment

The chemical safety report is not required for the mixture. However, based on the available data, the mixture does not contain PBT or vPvB substances in a percentage higher than 0.1 in accordance with Regulation 1907/2006, annex XIII.

12.6 Endocrine disrupting properties

The mixture does NOT contain substances identified as having endocrine-disrupting properties in accordance with the criteria established in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentrations equal to or greater than 0.1% in weight.

12.7 Other adverse effects

Classification for water pollution in Germany (AwSV, vom 18. April 2017): WGK 2: Dangerous for the waters.

SECTION 13: Disposal considerations

The substance/mixture shall not be removed through the sewerage system.

13.1 Waste treatment methods

Container material and type:  
Glass / Plastic / Paper / Metal / Composite (identify the exact material from the symbols on the packaging).

Methods for waste treatment of the substance or mixture:  
DANGER FEATURES (Directive 2008/98 / EC): No hazard characteristics identified  
RECOVERY OPERATIONS (Directive 2008/98 / EC): R 13 Storage of waste pending any of the operations numbered R 1 to R 12  
DISPOSAL OPERATIONS (Directive 2008/98 / EC): D13 - Blending or mixing prior to submission to any of the operations numbered D 1 to D 12  
EER CODE : 20 01 39 - plastic

Methods for handling any contaminated packaging:  
DANGER FEATURES (Directive 2008/98 / EC): No hazard characteristics identified  
RECOVERY OPERATIONS (Directive 2008/98 / EC): R 13 Storage of waste pending any of the operations numbered R 1 to R 12  
DISPOSAL OPERATIONS (Directive 2008/98 / EC): D13 - Blending or mixing prior to submission to any of the operations numbered D 1 to D 12  
EER CODE : 15 01 02 plastic packaging

Physical / chemical properties that can affect waste treatment:  
None

Special precautions for recommended waste treatment:  
The hazard characteristics, disposal and recovery operations and the suggested EWC codes refer to the product as it is without considering any changes due to use. It is therefore recommended, before disposal, to reclassify the waste, also evaluating its origin. Any mixing of different types of non-hazardous waste and any mixture of different hazardous waste is prohibited (Article 23 of Directive 2008/98 / EC). Disposal must be entrusted to an authorized waste treatment company, in compliance with national and possibly local regulations

SECTION 14: Transport information

Not included in the scope of the regulations on the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

	ADR	IMDG	IATA
14.1 UN number or ID number		Not applicable	
14.2 UN proper shipping name		Not applicable	
14.3 Transport hazard class(es)		Not applicable	
14.4 Packing group		Not applicable	
14.5 Environmental hazards		Not applicable	
14.6 Special precautions for user		Not applicable	
14.7 Maritime transport in bulk according to IMO instruments		Not applicable	

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.

Commission Delegated Regulation (EU) 2017/2100 of 4 September 2017 setting out scientific criteria for the determination of endocrine-disrupting properties pursuant to Regulation (EU) No 528/2012 of the European Parliament and Council.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 replacing Annex III to Directive 2008/98/EC of the European Parliament and of the Council on waste and repealing certain Directives

COMMISSION DECISION of 18 December 2014 amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council

REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents

Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control)

Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC

DIRECTIVE 2012/18/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 on the control of major-accident hazards involving dangerous substances, amending and subsequently repealing Council Directive 96/82/EC

Product: ANDY & FRIDA FRIDA SECRET

Category SEVESO: --

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	FRIDA SECRET		
Current revision date: 23/01/2023	Current revision number: 03	Previous revision date: 28/12/2020	Previous revision number: 02

**Regulation (EU) 2019/1148** of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013  
The mixture does not contain an explosive precursor.

15.2 Chemical safety assessment

Chemical safety assessment for the mixture not foreseen. This safety data sheet contains one or more Exposure Scenarios in an integrated form. The content, where relevant, has been included in sections 1.2, 8, 9, 12, 15 and 16 of the same safety data sheet

SECTION 16: Other information

16.1 Indication of any points of the SDS that have been revised

This sheet completely replaces all previous versions.

16.2 Key abbreviations and acronyms used in this SDS

<b>APVR</b>	Respiratory protective equipment	<b>FPO</b>	Operational protection factor
<b>ATE</b>	Acute Toxicity Estimates	<b>GHS</b>	Globally Harmonized System
<b>BCF</b>	Bioconcentration Factor	<b>HP</b>	Hazardous Properties
<b>CAS</b>	Chemical abstract service	<b>IMO</b>	International Maritime Organization
<b>CE</b>	European Community	<b>ISO</b>	International Standard Organization
<b>CLP</b>	Classification, Labelling and Packaging	<b>LC50</b>	Median lethal concentration
<b>COV</b>	Volatile Organic Compounds	<b>LD50</b>	Median lethal dose
<b>DNEL</b>	Derived No Effect Level	<b>N.A.S.</b>	Not otherwise specified
<b>DPI</b>	Dispositivi di Protezione Individuale	<b>NOEC</b>	No observed effect concentration
<b>EC</b>	European Community	<b>ONU</b>	United Nations Organization
<b>EC50</b>	Half maximal effective concentration	<b>PBT</b>	Persistent, Bioaccumulative and Toxic Substances
<b>ECHA</b>	European Chemicals Agency	<b>vPvB</b>	Very Persistent and very Bioaccumulative substances
<b>EER</b>	European Waste List	<b>ppm</b>	Parts per million
<b>EmS</b>	Emergency Schedules	<b>PROC</b>	Category of processes
<b>EN</b>	European normalization	<b>REACH</b>	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
<b>ERC</b>	Environmental release categories	<b>STOT</b>	Specific target organ toxicity
<b>EUH</b>	Supplemental hazard information	<b>STP</b>	Sewage treatment plant
<b>EuPCS</b>	European Product Categorisation System	<b>UE</b>	European Union
<b>FPN</b>	Protection factor Nominal	<b>UFI</b>	Unique Identifier of Formula
<b>FFP</b>	Filtering Facepiece	<b>UNI</b>	Italian Standard Organization.

16.3 Full text of the Classification Information set out in Section 3

Description of the hazard class and category codes set out in section 3	Description of the hazard statements set out in section 3
Flam. Liq. 3 - Flammable liquids, Hazard Category 3	H226 - Flammable liquid and vapour.
Asp. Tox. 1 - Aspiration hazard, Hazard Category 1	H304 - May be fatal if swallowed and enters airways.
Aquatic Chronic 4 - Hazardous to the aquatic environment — Chronic Hazard, Category 4	H413 - May cause long lasting harmful effects to aquatic life
Skin Irrit. 2 - Skin corrosion/irritation, Hazard Category 2	H315 - Causes skin irritation
Eye Irrit. 2 - Serious eye damage/eye irritation, Hazard Category 2	H319 - Causes serious eye irritation
Aquatic Chronic 2 - Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411 - Toxic to aquatic life with long lasting effects.
Aquatic Acute 1 - Hazardous to the aquatic environment — Acute Hazard, Category 1	H400 - Very toxic to aquatic life.
Aquatic Chronic 1 - Hazardous to the aquatic environment — Chronic Hazard, Category 1	H410 - Very toxic to aquatic life with long lasting effects
Skin. Sens. 1B - Sensitisation — Skin, hazard category 1B	H317 - May cause an allergic skin reaction.
Skin. Sens. 1 - Sensitisation — Skin, hazard category 1	H317 - May cause an allergic skin reaction.

Indicazioni di pericolo supplementari esposte alla sezione 3

EUH066 =Repeated exposure may cause skin dryness or cracking  
**M-Factor** Means a multiplying factor. It is applied to the concentration of a substance classified as hazardous to the aquatic environment acute category 1 or chronic category 1.

16.4 Bibliographical references and main data sources

<b>ECHA</b>	European Chemicals Agency	<b>OSHA</b>	European Agency for Safety and Health at Work	<b>IARC</b>	International Agency for Research on Cancer
<b>TOXNET</b>	Toxicology Data Network	<b>WHO</b>	World Health Organization	<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CheLIST</b>	Chemical Lists Information System	<b>ICSCs</b>	International Chemical Safety Cards	<b>ILO</b>	International Labour Organization
<b>IPCS</b>	International Programme on Chemical Safety (Cards)	<b>NIOSH</b>	Registry of toxic effects of chemical substances (1983)	<b>IFA</b>	Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung

16.5 Normative references and / or documents (from which the data in section 8.1 derive)

Code <sup>(1)</sup>	State	Bibliography / documents --> LINK	
AUS	Australia	<a href="https://www.dguv.de/ifa/...../limit-values-australia/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-australia/index-2.jsp</a>	<a href="https://engage.swa.gov.au/workplace-exposure-standards-review">https://engage.swa.gov.au/workplace-exposure-standards-review</a>
AUT	Austria	<a href="https://www.safeworkaustralia.gov.au/exposure-standards#exposure-standards-in-australia">https://www.safeworkaustralia.gov.au/exposure-standards#exposure-standards-in-australia</a>	
		<a href="https://www.dguv.de/ifa/...../limit-values-austria/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-austria/index-2.jsp</a>	<a href="https://www.jusline.at/gesetz/gkv_2011">https://www.jusline.at/gesetz/gkv_2011</a>
		<a href="https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&amp;Gesetzesnummer=20001418">https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&amp;Gesetzesnummer=20001418</a>	
BEL	Belgium	<a href="https://www.dguv.de/ifa/...../limit-values-belgium/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-belgium/index-2.jsp</a>	<a href="https://employment.belgium.be/en">https://employment.belgium.be/en</a>
BGR	Bulgaria	<a href="https://pirogov.eu/bg/">https://pirogov.eu/bg/</a>	
CAN	Canada-Ontario	<a href="https://www.dguv.de/ifa/...../limit-values-canada-ontario/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-canada-ontario/index-2.jsp</a>	<a href="https://www.labour.gov.on.ca/english/hs/pubs/oel_table.php">https://www.labour.gov.on.ca/english/hs/pubs/oel_table.php</a>
CAN	Canada-Québec	<a href="https://www.dguv.de/ifa/...../limit-values-canada-quebec/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-canada-quebec/index-2.jsp</a>	<a href="http://legisquebec.gouv.qc.ca/fr/showdoc/cr/S-....">http://legisquebec.gouv.qc.ca/fr/showdoc/cr/S-....</a>
		<a href="https://www.ccsst.qc.ca/Pages/index.aspx">https://www.ccsst.qc.ca/Pages/index.aspx</a>	
CYP	Cyprus	<a href="http://www.mlsi.gov.cy/">http://www.mlsi.gov.cy/</a>	
CAE	Czech Republic	<a href="https://www.mzcr.cz/">https://www.mzcr.cz/</a>	
HRV	Croatia	<a href="https://www.hzt.hr">https://www.hzt.hr</a>	
DNK	Denmark	<a href="https://www.dguv.de/ifa/...../limit-values-denmark/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-denmark/index-2.jsp</a>	<a href="https://www.retsinformation.dk/eli/ita/2019/1458">https://www.retsinformation.dk/eli/ita/2019/1458</a>
EST	Estonia	<a href="http://www.16662.ee/">http://www.16662.ee/</a>	
EU <sup>(2)</sup>	European Union	<a href="https://www.dguv.de/ifa/...../limit-values-european-union/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-european-union/index-2.jsp</a>	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:31998L0024">https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:31998L0024</a>
		<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1523372586043&amp;uri=CELEX:32004L0037">https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1523372586043&amp;uri=CELEX:32004L0037</a>	
FIN	Finland	<a href="https://www.dguv.de/ifa/...../limit-values-finland/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-finland/index-2.jsp</a>	<a href="https://julkaisut.valtioneuvosto.fi/handle/10024/160967">https://julkaisut.valtioneuvosto.fi/handle/10024/160967</a>
FRA	France	<a href="https://www.dguv.de/ifa/...../limit-values-france/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-france/index-2.jsp</a>	<a href="https://www.anses.fr/fr">https://www.anses.fr/fr</a>
		<a href="http://www.inrs.fr/accueil/dms/inrs/CataloguePapier/ED/TI-ED-984/ed984.pdf">http://www.inrs.fr/accueil/dms/inrs/CataloguePapier/ED/TI-ED-984/ed984.pdf</a>	
DEU	Germany (AGS)	<a href="https://www.dguv.de/ifa/...../limit-values-germany-ags/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-germany-ags/index-2.jsp</a>	<a href="https://www.baua.de/DE/...../Regelwerk/TRGS/pdf/TRGS-900.pdf">https://www.baua.de/DE/...../Regelwerk/TRGS/pdf/TRGS-900.pdf</a>
DEU	Germany (DFG)	<a href="https://www.dguv.de/ifa/...../limit-values-germany-dfg/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-germany-dfg/index-2.jsp</a>	<a href="https://www.dfg.de/en/dfg_profile/...../health_hazards/index.html">https://www.dfg.de/en/dfg_profile/...../health_hazards/index.html</a>
		<a href="https://www.dfg.de/dfg_profil/gremien/senat/arbeitsstoffe/publikationen/index.html">https://www.dfg.de/dfg_profil/gremien/senat/arbeitsstoffe/publikationen/index.html</a>	
GRC	Greece	<a href="http://www.gcsl.gr/">http://www.gcsl.gr/</a>	
HUN	Hungary	<a href="https://www.dguv.de/ifa/...../limit-values-hungary/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-hungary/index-2.jsp</a>	<a href="https://www.biztonsagiadatlap.hu/...../5_2020-II.-6.-ITM-rendelet.pdf">https://www.biztonsagiadatlap.hu/...../5_2020-II.-6.-ITM-rendelet.pdf</a>
ISL	Iceland	<a href="https://www.ust.is/the-environment-agency-of-iceland/chemicals/">https://www.ust.is/the-environment-agency-of-iceland/chemicals/</a>	
IRL	Ireland	<a href="https://www.dguv.de/ifa/...../limit-values-ireland/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-ireland/index-2.jsp</a>	<a href="https://www.hsa.ie/eng/...../2016_CodePracticeChemicalAgentsRegulations/">https://www.hsa.ie/eng/...../2016_CodePracticeChemicalAgentsRegulations/</a>
ITA	Italy	<a href="https://www.dguv.de/ifa/...../limit-values-italy/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-italy/index-2.jsp</a>	<a href="http://www.preparatipericolosi.is.it">http://www.preparatipericolosi.is.it</a>
JPN	Japan (MHLW)	<a href="https://www.dguv.de/ifa/...../limit-values-japan/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-japan/index-2.jsp</a>	<a href="https://www.mhlw.go.jp/english/index.html">https://www.mhlw.go.jp/english/index.html</a>
JPN	Japan (JSOH)	<a href="https://www.dguv.de/ifa/...../limit-values-japan-jsoh/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-japan-jsoh/index-2.jsp</a>	<a href="https://www.sanei.or.jp/">https://www.sanei.or.jp/</a>
LVA	Latvia	<a href="https://www.dguv.de/ifa/...../limit-values-latvia/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-latvia/index-2.jsp</a>	<a href="https://likumi.lv/doc.php?id=157382&amp;from=off">https://likumi.lv/doc.php?id=157382&amp;from=off</a>
LTU	Lithuania	<a href="http://www.gamta.lt/">http://www.gamta.lt/</a>	

Mr&Mrs FRAGRANCE		MATERIAL SAFETY DATA SHEET		ANDY & FRIDA
		FRIDA SECRET		
Current revision date: 23/01/2023		Current revision number: 03	Previous revision date: 28/12/2020	Previous revision number: 02
LUX	Luxembourg	<a href="http://www.ms.public.lu/fr/">http://www.ms.public.lu/fr/</a>		
MLT	Malta	<a href="https://mccaa.org.mt/">https://mccaa.org.mt/</a>		
NZL	New Zealand	<a href="https://www.dguv.de/ifa/...../limit-values-new-zealand/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-new-zealand/index-2.jsp</a>	<a href="https://worksafe.govt.nz/work-health/...-std-biol-exposure-indices/">https://worksafe.govt.nz/work-health/...-std-biol-exposure-indices/</a>	
NOR	Norway	<a href="http://www.miliodirektoratet.no/">http://www.miliodirektoratet.no/</a>	<a href="https://www.fhi.no/en/">https://www.fhi.no/en/</a>	
CHN	People's Republic of China	<a href="https://www.dguv.de/ifa/...../limit-values-china/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-china/index-2.jsp</a>	<a href="http://www.nhfpc.gov.cn/zhuz/pyl/200704/38838.shtml">http://www.nhfpc.gov.cn/zhuz/pyl/200704/38838.shtml</a>	
POL	Poland	<a href="https://www.dguv.de/ifa/...../limit-values-poland/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-poland/index-2.jsp</a>	<a href="http://www.ciop.pl/">http://www.ciop.pl/</a>	
PRT	Portugal	<a href="http://www.inem.pt/ciav">http://www.inem.pt/ciav</a>		
ROU	Romania	<a href="https://www.dguv.de/ifa/...../limit-values-romania/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-romania/index-2.jsp</a>	<a href="http://www.mmuncii.ro/.../5114-11042018_modif_HG-1218_Ag_chimici.pdf">http://www.mmuncii.ro/.../5114-11042018_modif_HG-1218_Ag_chimici.pdf</a>	
SGP	Singapore	<a href="https://www.dguv.de/ifa/...../limit-values-singapore/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-singapore/index-2.jsp</a>	<a href="https://sso.agc.gov.sg/Act/WSHA2006">https://sso.agc.gov.sg/Act/WSHA2006</a>	
SVK	Slovakia	<a href="http://www.ntic.sk/">http://www.ntic.sk/</a>		
SVN	Slovenia	<a href="http://www.uk.gov.si/">http://www.uk.gov.si/</a>		
KOR	South Korea	<a href="https://www.dguv.de/ifa/...../limit-values-south-korea/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-south-korea/index-2.jsp</a>	<a href="http://www.kiha.kr/main/community_view.htm?uid=763&amp;tbn=gongi&amp;page=3">http://www.kiha.kr/main/community_view.htm?uid=763&amp;tbn=gongi&amp;page=3</a>	
ESP	Spain	<a href="https://www.dguv.de/ifa/...../limit-values-spain/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-spain/index-2.jsp</a>	<a href="https://www.insst.es/">https://www.insst.es/</a>	
SWE	Sweden	<a href="https://www.dguv.de/ifa/...../limit-values-sweden/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-sweden/index-2.jsp</a>	<a href="https://www.av.se/.../hygieniska-gransvarden-afs-20181-foreskrifter/">https://www.av.se/.../hygieniska-gransvarden-afs-20181-foreskrifter/</a>	
CHE	Switzerland	<a href="https://www.dguv.de/ifa/...../limit-values-switzerland/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-switzerland/index-2.jsp</a>	<a href="http://suissepro.org/">http://suissepro.org/</a>	
NLD	The Netherlands	<a href="https://www.dguv.de/ifa/...../limit-values-the-netherlands/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-the-netherlands/index-2.jsp</a>	<a href="https://www.ser.nl/en">https://www.ser.nl/en</a>	
		<a href="https://wetten.overheid.nl/BWBR0008587/2017-07-01#BijlageXIII">https://wetten.overheid.nl/BWBR0008587/2017-07-01#BijlageXIII</a>		
TUR	Turkey	<a href="https://www.dguv.de/ifa/...../limit-values-turkey/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-turkey/index-2.jsp</a>		
USA	USA - NIOSH	<a href="https://www.dguv.de/ifa/...../limit-values-usa-niosh/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-usa-niosh/index-2.jsp</a>	<a href="https://www.cdc.gov/niosh/">https://www.cdc.gov/niosh/</a>	
USA	USA - OSHA	<a href="https://www.dguv.de/ifa/...../limit-values-usa-osha/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-usa-osha/index-2.jsp</a>	<a href="http://www.osha.gov">www.osha.gov</a>	
GBR	United Kingdom	<a href="https://www.dguv.de/ifa/...../limit-values-united-kingdom/index-2.jsp">https://www.dguv.de/ifa/...../limit-values-united-kingdom/index-2.jsp</a>		
		<a href="https://www.hse.gov.uk/research/hsl_pdf/2002/hsl02-23.pdf">https://www.hse.gov.uk/research/hsl_pdf/2002/hsl02-23.pdf</a>		

(1) ISO3166-1 alpha-3 (2) NO ISO CODE

16.6 Procedures used to derive classification under Regulation (EC)1272/2008 [CLP] in relation to mixtures

Classification according to Regulation (EC) No. 1272/2008	Classification procedure
H411 Aquatic Chronic 2	Additivity theory - Annex I, section 4.1.3 - Hazardous to the aquatic environment

16.7 Any appropriate training courses for workers in order to ensure the protection of human health and the environment

- Training course on the management and interpretation of the SDS
- ADR training for personnel involved in handling
- Training on the use of PPE

More information

Safety Data Sheet compliant with regulation (EU) n. 2020/878 of 18 June 2020

This document has been drawn up by a competent SDS technician who has received adequate training and is certified according to the reference practice UNI / PdR 60: 2019. Certificate issued by INTERTEK ITALIA S.p.A. Registration number: EPTAS2018-00225 exp. 25-Nov-2023

The information in this safety data sheet has been obtained from the best available or known to us on the market at the revision date indicated. Neither the company holding this sheet nor its subsidiaries will be able to accept complaints arising from improper use of the information indicated here or from improper use in applying the product. Pay particular attention to the use of preparations because improper use can increase their danger.

END OF SAFETY DATA SHEET