Safety data sheet This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

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511020002 - SUPERCRYL SATINADO EXT/INT CON CONSERVANTE ANTIMOHO

BLANCO

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING 1.1 **Product identifier:** 511020002 - SUPERCRYL SATINADO EXT/INT CON CONSERVANTE ANTIMOHO BLANCO Other means of identification: IIET-28A6-X041-500M-YM6P Relevant identified uses of the substance or mixture and uses advised against: 1.2 Relevant uses (Consumer use): Industrial paint Relevant uses (Professional users): Industrial paint Relevant uses (Industrial user): Industrial paint Uses advised against: All uses not specified in this section or in section 7.3 Details of the supplier of the safety data sheet: 1.3 EUPINCA C/ Londres, 13 - Pol. Ind. Cabezo Beaza 30353 Cartagena - Murcia - España Phone: +34 968089000 info@grupotkrom.com https://www.tkrom.com/ 1.4 Emergency telephone number: +34 968 08 90 00 (Oficce hours) SECTION 2: HAZARDS IDENTIFICATION Classification of the substance or mixture: 2.1 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 Label elements: 2.2 CLP Regulation (EC) No 1272/2008: Hazard statements: Aquatic Chronic 3: 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. P273: Avoid release to the environment. P501: Dispose of contents/container according to the separated collection system used in your municipality. Supplementary information: EUH208: Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. 2.3 Other hazards: Product does not meet PBT/vPvB criteria Endocrine-disrupting properties: The product does not meet the criteria. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS 3.1 Substance: Not relevant 3.2 Mixture: Chemical description: Mixture composed of additives, pigments and resins **Components:** In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

	Identification		Chemical name/Classification		Concentration	
CAS:	112-34-5	2-(2-butoxyethoxy)et	hanol ⁽¹⁾	ATP CLP00		
EC: Index: REACH:	203-961-6 603-096-00-8 01-2119475104-44- XXXX	Regulation 1272/2008	Eye Irrit. 2: H319 - Warning	(٢)	<1 %	
CAS:	2634-33-5	1,2-benzisothiazol-3(2	2H)-one ⁽²⁾	ATP CLP00		
EC: Index: REACH:	220-120-9 613-088-00-6 01-2120761540-60- XXXX	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger		<1 %	
	886-50-0	Terbutryn ⁽²⁾		Self-classified		
	212-950-5 Not relevant Not relevant	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning		<1 %	
CAS:	101-84-8	Diphenyl ether ⁽¹⁾		Self-classified		
	202-981-2 Not relevant 01-2119472545-33- XXXX	Regulation 1272/2008	Aquatic Chronic 2: H411; Eye Irrit. 2: H319 - Warning	<u>(1)</u>	<1 %	

⁽¹⁾ Substance with a Union workplace exposure limit

⁽²⁾ 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		
Terbutryn				Acute	100	
CAS: 886-50-0	CAS: 886-50-0 EC: 212-950-5			Chronic	100	
Identification Specific concentration limit						
1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9		% (w/w) >=0,05: Skin Sens. 1 - H317				
,	timate for the substance in Part 3 that Regulation:	of Annex VI to Re	egulation (EC) No 1272/20	008 or as (determined in	accordance
	Identification		Acute to:	xicity		Genus
1.2-benzisothiazol-3(2H)-one			I D50 oral	500 ma/	ka	Rat

1,2-benzisothiazol-3(2H)-one	LD50 oral	500 mg/kg	Rat
CAS: 2634-33-5	LD50 dermal	Not relevant	
EC: 220-120-9	LC50 inhalation vapour	Not relevant	
Terbutryn	LD50 oral	344 mg/kg	Rat
CAS: 886-50-0	LD50 dermal	Not relevant	
EC: 212-950-5	LC50 inhalation vapour	Not relevant	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

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

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:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

By eye contact:

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

By ingestion/aspiration:

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SECTION 4: FIRST AID MEASURES (continued)

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. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

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

6.2 Environmental precautions:

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

6.3 Methods and material for containment and cleaning up:

It is recommended:

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

6.4 Reference to other sections:

Safety data sheet

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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

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

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

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

C.- Technical recommendations on general occupational hygiene

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

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 °C

Maximum Temp.: 30 °C

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):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits			
2-(2-butoxyethoxy)ethanol	IOELV (8h)	10 ppm	67,5 mg/m ³	
CAS: 112-34-5 EC: 203-961-6	IOELV (STEL)	15 ppm	101,2 mg/m ³	
Diphenyl ether	IOELV (8h)	1 ppm	7 mg/m ³	
CAS: 101-84-8 EC: 202-981-2	IOELV (STEL)	2 ppm	14 mg/m ³	

DNEL (Workers):

		Short	exposure	Long exposure	
Identification		Systemic	Local	Systemic	Local
2-(2-butoxyethoxy)ethanol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 112-34-5	Dermal	Not relevant	Not relevant	83 mg/kg	Not relevant
EC: 203-961-6	Inhalation	Not relevant	101,2 mg/m ³	67,5 mg/m ³	67,5 mg/m ³
1,2-benzisothiazol-3(2H)-one	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 2634-33-5	Dermal	Not relevant	Not relevant	0,966 mg/kg	Not relevant
EC: 220-120-9	Inhalation	Not relevant	Not relevant	6,81 mg/m ³	Not relevant
Diphenyl ether	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 101-84-8	Dermal	Not relevant	Not relevant	25 mg/kg	Not relevant
EC: 202-981-2	Inhalation	Not relevant	14 mg/m ³	59 mg/m ³	7 mg/m ³



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

DNEL (General population):

		Short exposure		Long exposure	
Identification	Systemic	Local	Systemic	Local	
2-(2-butoxyethoxy)ethanol	Oral	Not relevant	Not relevant	5 mg/kg	Not relevant
CAS: 112-34-5	Dermal	Not relevant	Not relevant	50 mg/kg	Not relevant
EC: 203-961-6	Inhalation	Not relevant	60,7 mg/m ³	40,5 mg/m ³	40,5 mg/m ³
1,2-benzisothiazol-3(2H)-one	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 2634-33-5	Dermal	Not relevant	Not relevant	0,345 mg/kg	Not relevant
EC: 220-120-9	Inhalation	Not relevant	Not relevant	1,2 mg/m ³	Not relevant

PNEC:

Identification				
2-(2-butoxyethoxy)ethanol	STP	200 mg/L	Fresh water	1,1 mg/L
CAS: 112-34-5	Soil	0,32 mg/kg	Marine water	0,11 mg/L
EC: 203-961-6	Intermittent	11 mg/L	Sediment (Fresh water)	4,4 mg/kg
	Oral	0,056 g/kg	Sediment (Marine water)	0,44 mg/kg
1,2-benzisothiazol-3(2H)-one	STP	1,03 mg/L	Fresh water	0,00403 mg/L
CAS: 2634-33-5	Soil	3 mg/kg	Marine water	0,000403 mg/L
EC: 220-120-9	Intermittent	0,0011 mg/L	Sediment (Fresh water)	0,0499 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,00499 mg/kg
Diphenyl ether	STP	10 mg/L	Fresh water	0 mg/L
CAS: 101-84-8	Soil	0,018 mg/kg	Marine water	0 mg/L
EC: 202-981-2	Intermittent	0,005 mg/L	Sediment (Fresh water)	0,093 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,009 mg/kg

8.2 Exposure controls:

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

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

B.- Respiratory protection

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory har protection	Protective gloves against minor risks d	CATI		Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN ISO 21420:2020 and EN ISO 374-1:2016+A1:2018

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 B	E Body protection				

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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 20347:2022	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2019

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

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

Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

Volatile organic compounds:

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

V.O.C. (Supply):	0,02 % weight
V.O.C. density at 20 °C:	0,23 kg/m³ (0,23 g/L)
Average carbon number:	10,86
Average molecular weight:	172,69 g/mol
With regard to Directive 2004/42/EC, the	his product which is ready to use has the following characteristics:
V.O.C. density at 20 °C:	1,56 kg/m³ (1,56 g/L)
EU limit for the product (Cat. A.C):	40 g/L (2010)
Components:	Not relevant

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:	
Physical state at 20 °C:	Liquid
Appearance:	Viscous
Colour:	White
Odour:	Not relevant *
Odour threshold:	Not relevant *
Volatility:	
Boiling point at atmospheric pressure:	104 °C
Vapour pressure at 20 °C:	2338 Pa
Vapour pressure at 50 °C:	12318,36 Pa (12,32 kPa)
Evaporation rate at 20 °C:	Not relevant *
Product description:	
Density at 20 °C:	1318,6 kg/m³
*Not relevant due to the nature of the product, not providing inform	nation property of its hazards.

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SECT	TION 9: PHYSICAL AND CHEMICAL PROPERTIES	(continued)
	Relative density at 20 °C:	1,319
	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:	8
	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 Flammable (>60 °C)
	Flammability (solid, gas):	Not relevant *
	Autoignition temperature:	202 °C
	Lower flammability limit:	Not relevant *
	Upper flammability limit:	Not relevant *
	Particle characteristics:	
	Median equivalent diameter:	Not relevant *
9.2	Other information:	
	Information with regard to physical hazard class	es:
	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 inform	nation 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:

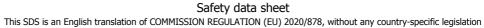
Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

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:



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Г	Acids	Water	Oxidising materials	Combustible materials	Others
- 0	Avoid strong acids	Not applicable	Not applicable	Not applicable	Avoid alkalis or strong ba
6 H	Hazardous decompositio	n products:			
	See subsection 10.3, 10.4 at complex mixtures of chemic				
					etter organie compour
CTIC	ON 11: TOXICOLOGICA	L INFORMATION			
1 I	Information on hazard cl	asses as defined in I	Regulation (EC) No 127	2/2008:	
The experimental information related to the toxicological properties of the product itself is not available Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effect that are hazardous to the health . Dangerous health implications:					
 Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substant dangerous for consumption. For more information see section 3. Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does cor 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 of 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 classified as hazardous for this effect. For more information see section 3. Contact with the skin and the eyes (acute effect): 					
C	classified as hazardous f - Contact with the eyes	or skin contact. For mo :: Based on available da or this effect. For more	ta, the classification criteria re information see section ata, the classification criteri information see section 3. toxicity to reproduction):	3.	
E	as hazardous for the effe IARC: Distillates (petro naphthenic, < 3 % IP 3 (<20.5 cSt @ 40°C) (3); - Mutagenicity: Based of hazardous for this effect - Reproductive toxicity:	ects mentioned. For mo oleum), hydrotreated lig 46, < 20.5 cSt @ 40°C 2,6-di-tert-butyl-p-cres on available data, the c . For more information Based on available data	lassification criteria are not	 (3); Distillates (petroleu) (4); Distillates (petroleu) (5); Distillates (petroleu) (6); Distillates (petroleu) (6); Distillates (petroleu) (7); Distillates (petrol	m), hydrotreated light hthenic , < 3 % IP 346 in substances classified
F	hazardous with sensitisir	ng effects. For more inf ble data, the classificat ng effects. For more inf	ion criteria are not met. He formation see section 3.		
	this effect. For more info	ormation see section 3.	ia are not met, as it does r	ot contain substances cla	ssified as hazardous fo
C		toxicity (STOT)-repeate	ed exposure: Based on avai	•	
		ble data, the classificat	ardous for this effect. For r ion criteria are not met, as		

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

H- Aspiration hazard:

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

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
1,2-benzisothiazol-3(2H)-one	LD50 oral	500 mg/kg	Rat
CAS: 2634-33-5	LD50 dermal		
EC: 220-120-9	LC50 inhalation		
Terbutryn	LD50 oral	344 mg/kg	Rat
CAS: 886-50-0	LD50 dermal		
EC: 212-950-5	LC50 inhalation		
Diphenyl ether	LD50 oral	>5000 mg/kg	Rat
CAS: 101-84-8	LD50 dermal	7940 mg/kg	Rabbit
EC: 202-981-2	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:

Identification		Concentration	Species	Genus
2-(2-butoxyethoxy)ethanol	LC50	1300 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 112-34-5	EC50	2850 mg/L (24 h)	Daphnia magna	Crustacean
EC: 203-961-6	EC50	53 mg/L (192 h)	Microcystis aeruginosa	Algae
1,2-benzisothiazol-3(2H)-one	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 2634-33-5	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 220-120-9	EC50	>0.1 - 1 mg/L (72 h)		Algae
Terbutryn	LC50	0,82 mg/L (96 h)	Salmo gairdneri	Fish
CAS: 886-50-0	EC50	2,66 mg/L (48 h)	Daphnia magna	Crustacean
EC: 212-950-5	EC50	Not relevant		
Diphenyl ether	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 101-84-8	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 202-981-2	EC50	>1 - 10 mg/L (72 h)		Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
Terbutryn	NOEC	>0.001 - 0.01 mg/L		Fish
CAS: 886-50-0 EC: 212-950-5	NOEC	>0.001 - 0.01 mg/L		Crustacean

12.2 Persistence and degradability:

Substance-specific information:



SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	De	gradability	Biodegradability		
2-(2-butoxyethoxy)ethanol	BOD5	0,25 g O2/g	Concentration	100 mg/L	
CAS: 112-34-5	COD	2,08 g O2/g	Period	28 days	
EC: 203-961-6	BOD5/COD	0,12	% Biodegradable	92 %	
1,2-benzisothiazol-3(2H)-one	BOD5	Not relevant	Concentration	100 mg/L	
CAS: 2634-33-5	COD	Not relevant	Period	28 days	
EC: 220-120-9	BOD5/COD	Not relevant	% Biodegradable	0 %	
Diphenyl ether	BOD5	Not relevant	Concentration	5.6 mg/L	
CAS: 101-84-8	COD	Not relevant	Period	20 days	
EC: 202-981-2	BOD5/COD	Not relevant	% Biodegradable	76 %	

12.3 Bioaccumulative potential:

Substance-specific information:

Identification Bioaccumulation potential		Bioaccumulation potential
2-(2-butoxyethoxy)ethanol	BCF	0.46
CAS: 112-34-5	Pow Log	0.56
EC: 203-961-6	Potential	Low
1,2-benzisothiazol-3(2H)-one	BCF	2
CAS: 2634-33-5	Pow Log	1.45
EC: 220-120-9	Potential	Low
Terbutryn	BCF	
CAS: 886-50-0	Pow Log	3.74
EC: 212-950-5	Potential	
Diphenyl ether	BCF	196
CAS: 101-84-8	Pow Log	4.21
EC: 202-981-2	Potential	High

12.4 Mobility in soil:

Identification	Absorp	Absorption/desorption		Volatility	
2-(2-butoxyethoxy)ethanol	Кос	48	Henry	7,2E-9 Pa·m ³ /mol	
CAS: 112-34-5	Conclusion	Very High	Dry soil	Not relevant	
EC: 203-961-6	Surface tension	3,395E-2 N/m (25 °C)	Moist soil	Not relevant	
Terbutryn	Кос	700	Henry	2,128E-3 Pa·m ³ /mol	
CAS: 886-50-0	Conclusion	Moderate	Dry soil	Not relevant	
EC: 212-950-5	Surface tension	Not relevant	Moist soil	Not relevant	
Diphenyl ether	Кос	1960	Henry	Not relevant	
CAS: 101-84-8	Conclusion	Low	Dry soil	Not relevant	
EC: 202-981-2	Surface tension	1,753E-2 N/m (258,4 °C)	Moist soil	Not relevant	

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

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

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)				
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances	Hazardous				
Type of waste (Regulation (EU) No 1357/2014):						
HP14 Ecotoxic						



SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

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

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

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:

- Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains (ethylenedioxy)dimethanol, Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione, 1,2-benzisothiazol-3(2H)-one, 3-iodo-2-propynyl Butylcarbamate, Terbutryn.

- Article 95, REGULATION (EU) No 528/2012: *1,2-benzisothiazol-3(2H)-one (2634-33-5) - PT: (2,6,9,11,12,13)*; Terbutryn (886-50-0) - PT: (7,9,10); (ethylenedioxy)dimethanol (3586-55-8) - PT: (6,11,12,13); Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) - PT: (2,4,6,11,12,13); Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione (5395-50-6) - PT: (6,11,12,13);

3-iodo-2-propynyl Butylcarbamate (55406-53-6) - PT: (6,7,8,9,10,13)

- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant

- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant

- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant

- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant

- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

Seveso III:

Not relevant

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

Shall not be used in:

—ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,

-tricks and jokes,

-games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

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.:



SECTION 16: OTHER INFORMATION (continued) Not relevant Texts of the legislative phrases mentioned in section 2: 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: Acute Tox, 4: H302 - Harmful if swallowed. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Eye Dam. 1: H318 - Causes serious eye damage. 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. **Classification procedure:** 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 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.