

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation 408110003 - PROTEK POLIURETANO 2112 GLASS BRILLO BLANCO



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING 1.1 Product identifier: 408110003 - PROTEK POLIURETANO 2112 GLASS BRILLO BLANCO Other means of identification: 408110003 - PROTEK POLIURETANO 2112 GLASS BRILLO BLANCO

UFI:

GPX4-V0SN-8005-V95P

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

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

1.3 Details of the supplier of the safety data sheet:

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

2.1 Classification of the substance or mixture:

CLP Regulation (EC) No 1272/2008:

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

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412 Flam. Liq. 3: Flammable liquids, Category 3, H226

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:





Hazard statements:

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Flam. Liq. 3: H226 - Flammable liquid and vapour.

Precautionary statements:

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

P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P280: Wear protective gloves/protective clothing/eye protection/protective footwear.

P370+P378: In case of fire: Use Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC) to extinguish.

P403+P235: Store in a well-ventilated place. Keep cool.

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

Supplementary information:

EUH208: Contains 2,3-epoxypropyl neodecanoate. 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

** Changes with regards to the previous version



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS ** (continued)

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:

	Identification		Chemical name/Classification		Concentration
CAS:	123-86-4	N-butyl acetate ⁽¹⁾		ATP CLP00	
	204-658-1 607-025-00-1 01-2119485493-29- XXXX	Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning	 (*) 	2,5 - <10 %
CAS:	1330-20-7	Xylene ⁽¹⁾		Self-classified	
	215-535-7 601-022-00-9 01-2119488216-32- XXXX	Regulation 1272/2008	Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	(1)(2)(3)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)<l< td=""><td>2,5 - <10 %</td></l<>	2,5 - <10 %
CAS:	128601-23-0	Hydrocarbons, C9, aro	matics ⁽¹⁾	Self-classified	
	918-668-5 Not relevant 01-2119455851-35- XXXX	Regulation 1272/2008	Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; STOT SE 3: H336; EUH066 - Danger		2,5 - <10 %
CAS:	108-65-6	2-methoxy-1-methylethyl acetate ⁽²⁾ ATP ATP01			
	203-603-9 607-195-00-7 01-2119475791-29- XXXX	Regulation 1272/2008	Flam. Liq. 3: H226 - Warning		2,5 - <10 %
CAS:	100-41-4	Ethylbenzene ⁽¹⁾		ATP ATP06	
	202-849-4 601-023-00-4 01-2119489370-35- XXXX	Regulation 1272/2008	Acute Tox. 4: H332; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger	(1)(2)(3)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)<l< td=""><td>2,5 - <10 %</td></l<>	2,5 - <10 %
CAS:	Not relevant	Reaction mass of ethy	lbenzene and m-xylene and p-xylene ⁽¹⁾	Self-classified	
EC: Index: REACH:	905-562-9 Not relevant 01-2119555267-33- XXXX	Regulation 1272/2008	Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	 ♦ ♦ 	1 - <2,5 %
CAS:	26761-45-5	2,3-epoxypropyl neod	ecanoate ⁽¹⁾	Self-classified	
	247-979-2 Not relevant 01-2119431597-33- XXXX	Regulation 1272/2008	Aquatic Chronic 2: H411; Muta. 2: H341; Skin Sens. 1: H317 - Warning	(!) (b) (b)	<1 %

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

(2) Substance with a Union workplace exposure limit

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

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

Identification	Acute	toxicity	Genus
Xylene	LD50 oral	Not relevant	
CAS: 1330-20-7 EC: 215-535-7	LD50 dermal	1100 mg/kg	Rat
	LC50 inhalation vapour	17 mg/L	Rat
Ethylbenzene	LD50 oral	Not relevant	
CAS: 100-41-4	LD50 dermal	Not relevant	
EC: 202-849-4	LC50 inhalation vapour	17,2 mg/L	Rat
Reaction mass of ethylbenzene and m-xylene and p-xylene	LD50 oral	Not relevant	
CAS: Not relevant	LD50 dermal	1100 mg/kg	Rat
EC: 905-562-9	LC50 inhalation vapour	11 mg/L	

** Changes with regards to the previous version

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:**



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SECTION 4: FIRST AID MEASURES (continued)

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

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

By eye contact:

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

By ingestion/aspiration:

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

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

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:

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

Unsuitable extinguishing media:

Water jet

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. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

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.





SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

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:

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

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

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for 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):



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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	Occ	cupational exposi	ure limits
N-butyl acetate	IOELV (8h)	50 ppm	241 mg/m ³
CAS: 123-86-4 EC: 204-658-1	IOELV (STEL)	150 ppm	723 mg/m ³
Xylene (1)	IOELV (8h)	50 ppm	221 mg/m ³
CAS: 1330-20-7 EC: 215-535-7	IOELV (STEL)	100 ppm	442 mg/m ³
2-methoxy-1-methylethyl acetate ⁽¹⁾	IOELV (8h)	50 ppm	275 mg/m ³
CAS: 108-65-6 EC: 203-603-9	IOELV (STEL)	100 ppm	550 mg/m ³
Ethylbenzene (1)	IOELV (8h)	100 ppm	442 mg/m ³
CAS: 100-41-4 EC: 202-849-4	IOELV (STEL)	200 ppm	884 mg/m ³
Reaction mass of ethylbenzene and m-xylene and p-xylene	IOELV (8h)	50 ppm	221 mg/m ³
CAS: Not relevant EC: 905-562-9	IOELV (STEL)	100 ppm	442 mg/m ³

⁽¹⁾ Skin

DNEL (Workers):

		Short	exposure	Long e	xposure
Identification		Systemic	Local	Systemic	Local
N-butyl acetate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 123-86-4	Dermal	11 mg/kg	Not relevant	11 mg/kg	Not relevant
EC: 204-658-1	Inhalation	600 mg/m ³	600 mg/m ³	300 mg/m ³	300 mg/m ³
Xylene	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 1330-20-7	Dermal	Not relevant	Not relevant	212 mg/kg	Not relevant
EC: 215-535-7	Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³
Hydrocarbons, C9, aromatics	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 128601-23-0	Dermal	Not relevant	Not relevant	25 mg/kg	Not relevant
EC: 918-668-5	Inhalation	Not relevant	Not relevant	150 mg/m ³	Not relevant
2-methoxy-1-methylethyl acetate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 108-65-6	Dermal	Not relevant	Not relevant	796 mg/kg	Not relevant
EC: 203-603-9	Inhalation	Not relevant	550 mg/m ³	275 mg/m ³	Not relevant
Ethylbenzene	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 100-41-4	Dermal	Not relevant	Not relevant	180 mg/kg	Not relevant
EC: 202-849-4	Inhalation	Not relevant	293 mg/m ³	77 mg/m ³	Not relevant
Reaction mass of ethylbenzene and m-xylene and p-xylene	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: Not relevant	Dermal	Not relevant	Not relevant	212 mg/kg	Not relevant
EC: 905-562-9	Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³
2,3-epoxypropyl neodecanoate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 26761-45-5	Dermal	Not relevant	Not relevant	4,2 mg/kg	Not relevant
EC: 247-979-2	Inhalation	11,76 mg/m ³	Not relevant	5,88 mg/m ³	Not relevant

DNEL (General population):

	Short e	exposure	Long e	xposure	
Identification	Identification		Local	Systemic	Local
N-butyl acetate	Oral	2 mg/kg	Not relevant	2 mg/kg	Not relevant
CAS: 123-86-4	Dermal	6 mg/kg	Not relevant	6 mg/kg	Not relevant
EC: 204-658-1	Inhalation	300 mg/m ³	300 mg/m ³	35,7 mg/m ³	35,7 mg/m ³
Xylene	Oral	Not relevant	Not relevant	12,5 mg/kg	Not relevant
CAS: 1330-20-7	Dermal	Not relevant	Not relevant	125 mg/kg	Not relevant
EC: 215-535-7	Inhalation	260 mg/m ³	260 mg/m ³	65,3 mg/m ³	65,3 mg/m ³
Hydrocarbons, C9, aromatics	Oral	Not relevant	Not relevant	11 mg/kg	Not relevant
CAS: 128601-23-0	Dermal	Not relevant	Not relevant	11 mg/kg	Not relevant
EC: 918-668-5	Inhalation	Not relevant	Not relevant	32 mg/m ³	Not relevant
2-methoxy-1-methylethyl acetate	Oral	Not relevant	Not relevant	36 mg/kg	Not relevant
CAS: 108-65-6	Dermal	Not relevant	Not relevant	320 mg/kg	Not relevant
EC: 203-603-9	Inhalation	Not relevant	Not relevant	33 mg/m ³	33 mg/m ³







SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Short e	xposure	Lor	ng exposure
Identification		Systemic	Local	Systemic	Local
Ethylbenzene	Oral	Not relevant	Not relevant	1,6 mg/kg	Not relevant
CAS: 100-41-4	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 202-849-4	Inhalation	Not relevant	Not relevant	15 mg/m ³	Not relevant
Reaction mass of ethylbenzene and m-xylene and p-xylene	Oral	Not relevant	Not relevant	12,5 mg/kg	Not relevant
CAS: Not relevant	Dermal	Not relevant	Not relevant	125 mg/kg	Not relevant
EC: 905-562-9	Inhalation	260 mg/m ³	260 mg/m ³	65,3 mg/m ³	65,3 mg/m ³
2,3-epoxypropyl neodecanoate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 26761-45-5	Dermal	Not relevant	Not relevant	2,5 mg/kg	Not relevant
EC: 247-979-2	Inhalation	Not relevant	Not relevant	4 mg/m ³	Not relevant
PNEC:					
Identification					
N-butyl acetate	STP	35,6 mg/L	Fresh water		0,18 mg/L
CAS: 123-86-4	Soil	0,09 mg/kg	Marine water		0,018 mg/L
EC: 204-658-1	Intermittent	0,36 mg/L	Sediment (Fresh	water)	0,981 mg/kg
	Oral	Not relevant	Sediment (Marine	water)	0,098 mg/kg
Xylene	STP	6,58 mg/L	Fresh water		0,327 mg/L
CAS: 1330-20-7	Soil	2,31 mg/kg	Marine water		0,327 mg/L
EC: 215-535-7	Intermittent	0,327 mg/L	Sediment (Fresh	water)	12,46 mg/kg
	Oral	Not relevant	Sediment (Marine	water)	12,46 mg/kg
2-methoxy-1-methylethyl acetate	STP	100 mg/L	Fresh water		0,635 mg/L
CAS: 108-65-6	Soil	0,29 mg/kg	Marine water		0,064 mg/L
EC: 203-603-9	Intermittent	6,35 mg/L	Sediment (Fresh	water)	3,29 mg/kg
	Oral	Not relevant	Sediment (Marine	water)	0,329 mg/kg
Ethylbenzene	STP	9,6 mg/L	Fresh water		0,1 mg/L
CAS: 100-41-4	Soil	2,68 mg/kg	Marine water		0,01 mg/L
EC: 202-849-4	Intermittent	0,1 mg/L	Sediment (Fresh	water)	13,7 mg/kg
	Oral	0,02 g/kg	Sediment (Marine	water)	1,37 mg/kg
Reaction mass of ethylbenzene and m-xylene and p-xylene	STP	6,58 mg/L	Fresh water		0,327 mg/L
CAS: Not relevant	Soil	2,31 mg/kg	Marine water		0,327 mg/L
EC: 905-562-9	Intermittent	0,327 mg/L	Sediment (Fresh	water)	12,46 mg/kg
	Oral	Not relevant	Sediment (Marine	water)	12,46 mg/kg
2,3-epoxypropyl neodecanoate	STP	50 mg/L	Fresh water		0,001 mg/L
CAS: 26761-45-5	Soil	Not relevant	Marine water		0,00012 mg/L
EC: 247-979-2	Intermittent	0,012 mg/L	Sediment (Fresh	water)	0,012 mg/kg
	Oral	Not relevant	Sediment (Marine	water)	0,002 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.

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

Pictogr	am	PPE	Labelling	CEN Standard	Remarks
Mandatory		Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

B.- Respiratory protection



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory complete body protection	Antistatic and fireproof protective clothing		EN 1149-1:2007 EN 1149-2:1998 EN 1149-3:2004 UNE-EN ISO 18526-1 al 4:2020 EN ISO 14116:2015 EN 1149-5:2018	Limited protection against flames.
Mandatory foot protection	Safety footwear with antistatic and heat resistant properties		EN ISO 13287:2020 EN ISO 20345:2022	Replace boots at any sign of deterioration.

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
+	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	() () () () () () () () () () () () () (DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Emergency shower		Eyewash stations	

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):	29,69 % weight
V.O.C. density at 20 °C:	414,69 kg/m³ (414,69 g/L)
Average carbon number:	7,26
Average molecular weight:	114,54 g/mol
With regard to Directive 2004/42/EC, th	is product which is ready to use has the following characteristics:
V.O.C. density at 20 °C:	414,69 kg/m³ (414,69 g/L)
FU limit for the product (Cat A 1).	500 a/L (2010)

EU limit for the product (Cat. A.J):500 g/L (2010)Components:Not relevant

SEC	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	
	*Not relevant due to the nature of the product, not providing information property of its hazards.		
	- CONT	INUED ON NEXT PAGE -	



SEC	TION 9: PHYSICAL AND CHEMICAL PROPERTIE	C (continued)				
SEC						
	Odour:	Not relevant *				
	Odour threshold:	Not relevant *				
	Volatility:					
	Boiling point at atmospheric pressure:	138 °C				
	Vapour pressure at 20 °C:	820 Pa				
	Vapour pressure at 50 °C:	4257,83 Pa (4,26 kPa)				
	Evaporation rate at 20 °C:	Not relevant *				
	Product description:					
	Density at 20 °C:	1396,7 kg/m ³				
	Relative density at 20 °C:	1,397				
	Dynamic viscosity at 20 °C:	Not relevant *				
	Kinematic viscosity at 20 °C:	Not relevant *				
	Kinematic viscosity at 40 °C:	>20,5 mm²/s				
	Concentration:	Not relevant *				
	pH:	Not relevant *				
	Vapour density at 20 °C:	Not relevant *				
	Partition coefficient n-octanol/water 20 °C:	Not relevant *				
	Solubility in water at 20 °C:	Not relevant *				
	Solubility properties:	Not relevant *				
	Decomposition temperature:	Not relevant *				
	Melting point/freezing point:	Not relevant *				
	Flammability:					
	Flash Point:	28 °C				
	Flammability (solid, gas):	Not relevant *				
	Autoignition temperature:	315 °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 clas	ises:				
	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 information property of its hazards.					

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

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





SECTION 10: STABILITY AND REACTIVITY (continued)

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	Risk of combustion	Avoid direct impact	Not applicable

10.5 Incompatible materials:

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

10.6 Hazardous decomposition products:

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

SECTION 11: TOXICOLOGICAL INFORMATION

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

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

Dangerous health implications:

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

A- Ingestion (acute effect):

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

- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
 - Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
 - Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
 - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
 - IARC: Xylene (3); Ethylbenzene (2B); Hydrocarbons, C9, aromatics (3); Reaction mass of ethylbenzene and m-xylene and p -xylene (3)
 - Mutagenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with mutagenic effects. For more information see section 3.
 - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
 - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

F- Specific target organ toxicity (STOT) - single exposure:

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

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

- Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

H- Aspiration hazard:

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

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute	toxicity	Genus
N-butyl acetate	LD50 oral	12789 mg/kg	Rat
CAS: 123-86-4	LD50 dermal	14112 mg/kg	Rabbit
EC: 204-658-1	LC50 inhalation vapour	23,4 mg/L (4 h)	Rat
Xylene	LD50 oral	2100 mg/kg	Rat
CAS: 1330-20-7	LD50 dermal	1100 mg/kg	Rat
EC: 215-535-7	LC50 inhalation vapour	17 mg/L	Rat
Ethylbenzene	LD50 oral	3500 mg/kg	Rat
CAS: 100-41-4	LD50 dermal	15354 mg/kg	Rabbit
EC: 202-849-4	LC50 inhalation vapour	17,2 mg/L	Rat
Hydrocarbons, C9, aromatics	LD50 oral	>3492 mg/kg	Rat
CAS: 128601-23-0	LD50 dermal		
EC: 918-668-5	LC50 inhalation		
2-methoxy-1-methylethyl acetate	LD50 oral	8532 mg/kg	Rat
CAS: 108-65-6	LD50 dermal	5100 mg/kg	Rat
EC: 203-603-9	LC50 inhalation vapour	30 mg/L (4 h)	Rat
Reaction mass of ethylbenzene and m-xylene and p-xylene	LD50 oral	2100 mg/kg	Rat
CAS: Not relevant	LD50 dermal	1100 mg/kg	Rat
EC: 905-562-9	LC50 inhalation	4500 mg/L	
	LC50 inhalation vapour	11 mg/L	
	LC50 inhalation dust	1,5 mg/L	
	LC50 inhalation mist	1,5 mg/L	
2,3-epoxypropyl neodecanoate	LD50 oral	970000 mg/kg	Rat
CAS: 26761-45-5	LD50 dermal		
EC: 247-979-2	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:





SECTION 12: ECOLOGICAL INFORMATION (continued)

Acute toxicity:

Identification		Concentration	Species	Genus
N-butyl acetate	LC50	Not relevant		
CAS: 123-86-4	EC50	Not relevant		
EC: 204-658-1	EC50	675 mg/L (72 h)	Scenedesmus subspicatus	Algae
Xylene	LC50	>10 - 100 mg/L (96 h)		Fish
CAS: 1330-20-7	EC50	>10 - 100 mg/L (48 h)		Crustacear
EC: 215-535-7	EC50	>10 - 100 mg/L (72 h)		Algae
Hydrocarbons, C9, aromatics	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 128601-23-0	EC50	>1 - 10 mg/L (48 h)		Crustacear
EC: 918-668-5	EC50	>1 - 10 mg/L (72 h)		Algae
2-methoxy-1-methylethyl acetate	LC50	161 mg/L (96 h)	Pimephales promelas	Fish
CAS: 108-65-6	EC50	481 mg/L (48 h)	Daphnia sp.	Crustacear
EC: 203-603-9	EC50	Not relevant		
Ethylbenzene	LC50	42,3 mg/L (96 h)	Pimephales promelas	Fish
CAS: 100-41-4	EC50	75 mg/L (48 h)	Daphnia magna	Crustacear
EC: 202-849-4	EC50	63 mg/L (3 h)	Chlorella vulgaris	Algae
Reaction mass of ethylbenzene and m-xylene and p-xylene	LC50	>10 - 100 mg/L (96 h)		Fish
CAS: Not relevant	EC50	>10 - 100 mg/L (48 h)		Crustacear
EC: 905-562-9	EC50	>10 - 100 mg/L (72 h)		Algae
2,3-epoxypropyl neodecanoate	LC50	5 mg/L (96 h)	Salmo gairdneri	Fish
CAS: 26761-45-5	EC50	4,8 mg/L (96 h)	Daphnia magna	Crustacear
EC: 247-979-2	EC50	3 mg/L (72 h)	Selenastrum capricornutum	Algae

Chronic toxicity:

Identification		Concentration	Species	Genus
N-butyl acetate	NOEC	Not relevant		
CAS: 123-86-4 EC: 204-658-1	NOEC	23,2 mg/L	Daphnia magna	Crustacean
Xylene	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish
CAS: 1330-20-7 EC: 215-535-7	NOEC	1,17 mg/L	Ceriodaphnia dubia	Crustacean
2-methoxy-1-methylethyl acetate	NOEC	47,5 mg/L	Oryzias latipes	Fish
CAS: 108-65-6 EC: 203-603-9	NOEC	100 mg/L	Daphnia magna	Crustacean
Ethylbenzene	NOEC	Not relevant		
CAS: 100-41-4 EC: 202-849-4	NOEC	0,96 mg/L	Ceriodaphnia dubia	Crustacean
Reaction mass of ethylbenzene and m-xylene and p-xylene	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish
CAS: Not relevant EC: 905-562-9	NOEC	1,17 mg/L	Ceriodaphnia dubia	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degra	adability	Biodegradab	ility
N-butyl acetate	BOD5	Not relevant	Concentration	Not relevant
CAS: 123-86-4	COD	Not relevant	Period	5 days
EC: 204-658-1	BOD5/COD	Not relevant	% Biodegradable	84 %
Xylene	BOD5	Not relevant	Concentration	Not relevant
CAS: 1330-20-7	COD	Not relevant	Period	28 days
EC: 215-535-7	BOD5/COD	Not relevant	% Biodegradable	88 %
2-methoxy-1-methylethyl acetate	BOD5	Not relevant	Concentration	785 mg/L
CAS: 108-65-6	COD	Not relevant	Period	8 days
EC: 203-603-9	BOD5/COD	Not relevant	% Biodegradable	100 %
Ethylbenzene	BOD5	Not relevant	Concentration	100 mg/L
CAS: 100-41-4	COD	Not relevant	Period	14 days
EC: 202-849-4	BOD5/COD	Not relevant	% Biodegradable	90 %
Reaction mass of ethylbenzene and m-xylene and p-xylene	BOD5	Not relevant	Concentration	Not relevant
CAS: Not relevant	COD	Not relevant	Period	28 days
EC: 905-562-9	BOD5/COD	Not relevant	% Biodegradable	88 %



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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	De	egradability		Biodegradability	
2,3-epoxypropyl neodecanoate	BOD5	Not relevant	Concentration	3 mg	
CAS: 26761-45-5	COD	Not relevant	Period	28 da	
EC: 247-979-2	BOD5/COD	Not relevant	% Biodegradable	7 %	
Bioaccumulative potential:	lative potential:				
Substance-specific information:					
Ider	ntification		Bi	oaccumulation pote	
N-butyl acetate			BCF	4	
CAS: 123-86-4			Pow Log	1.78	
EC: 204-658-1			Potential	Low	
Xylene				9	
CAS: 1330-20-7				2.77	
EC: 215-535-7			Potential	Low	
2-methoxy-1-methylethyl acetate			BCF	1	
CAS: 108-65-6			Pow Log	0.43	
EC: 203-603-9			Potential	Low	
Ethylbenzene			BCF	1	
CAS: 100-41-4			Pow Log	3.15	
EC: 202-849-4	Potential		Low		
Reaction mass of ethylbenzene and m-xylene and	d p-xylene		BCF	9	
CAS: Not relevant			Pow Log	2.77	
EC: 905-562-9			Potential	Low	
2,3-epoxypropyl neodecanoate			BCF	371	
CAS: 26761-45-5			Pow Log	4.4	
EC: 247-979-2			Potential	High	

12.4 Mobility in soil:

Identification	Absorpt	ion/desorption	Volat	ility
N-butyl acetate	Кос	Not relevant	Henry	Not relevant
CAS: 123-86-4	Conclusion	Not relevant	Dry soil	Not relevant
EC: 204-658-1	Surface tension	2,478E-2 N/m (25 °C)	Moist soil	Not relevant
Xylene	Кос	202	Henry	524,86 Pa·m ³ /mol
CAS: 1330-20-7	Conclusion	Moderate	Dry soil	Yes
EC: 215-535-7	Surface tension	Not relevant	Moist soil	Yes
Ethylbenzene	Кос	520	Henry	798,44 Pa·m³/mol
CAS: 100-41-4	Conclusion	Moderate	Dry soil	Yes
EC: 202-849-4	Surface tension	2,859E-2 N/m (25 °C)	Moist soil	Yes
Reaction mass of ethylbenzene and m-xylene and p-xylene	Кос	202	Henry	524,86 Pa·m ³ /mol
CAS: Not relevant	Conclusion	Moderate	Dry soil	Yes
EC: 905-562-9	Surface tension	Not relevant	Moist soil	Yes
2,3-epoxypropyl neodecanoate	Кос	143	Henry	Not relevant
CAS: 26761-45-5	Conclusion	High	Dry soil	Not relevant
EC: 247-979-2	Surface tension	Not relevant	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:



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SECTION 13: DISPOSAL CONSIDERATIONS (continued)

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, HP3 Flammable

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

Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:

1011 202	5 unu 100 2025.	
14.1	UN number or ID number:	UN1263
14.2	UN proper shipping name:	PAINT
14.3	Transport hazard class(es):	3
	Labels:	3
14.4	Packing group:	III
14.5	Environmental hazards:	No
14.6	Special precautions for user	
	Special regulations:	163, 367, 650
	Tunnel restriction code:	D/E
	Physico-Chemical properties:	see section 9
	Limited quantities:	5 L
14.7	Maritime transport in bulk according to IMO	Not relevant

NOTE: Not applicable in receptacles of less than 450 litres (2.2.3.1.5)

instruments:

Transport of dangerous goods by sea:

With regard to IMDG 41-22:

5			
	14.1	UN number or ID number:	UN1263
	14.2	UN proper shipping name:	PAINT
	14.3	Transport hazard class(es):	3
		Labels:	3
$\langle - \rangle$	14.4	Packing group:	III
3	14.5	Marine pollutant:	No
	14.6	Special precautions for user	
		Special regulations:	223, 955, 163, 367
		EmS Codes:	F-E, S-E
		Physico-Chemical properties:	see section 9
		Limited quantities:	5 L
		Segregation group:	Not relevant
	14.7	Maritime transport in bulk according to IMO instruments:	Not relevant
NOTE: Not applic	able in	receptacles of less than 450 litres	(2.3.2.5)
Transport of da	ingero	us goods by air:	

With regard to IATA/ICAO 2024:





SECTION 14: TRANSPORT INFORMATION (continued) UN1263 14.1 UN number or ID number: PAINT 14.2 UN proper shipping name: 14.3 Transport hazard class(es): 3 Labels: 3 14.4 Packing group: III 14.5 Environmental hazards: No 14.6 Special precautions for user Physico-Chemical properties: see section 9 14.7 Maritime transport in bulk Not relevant according to IMO instruments: SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (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:

Section	Description	Lower-tier requirements	Upper-tier requirements
P5c	FLAMMABLE LIQUIDS	5000	50000

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 ashtravs.

-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.:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3):

Removed substances

Barium Sulfate (7727-43-7)

Texts of the legislative phrases mentioned in section 2:

H412: Harmful to aquatic life with long lasting effects.

H226: Flammable liquid and vapour.

Texts of the legislative phrases mentioned in section 3:





SECTION 16: OTHER INFORMATION (continued)

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: H312+H332 - Harmful in contact with skin or if inhaled. Acute Tox. 4: H332 - Harmful if inhaled. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Flam. Liq. 3: H226 - Flammable liquid and vapour. Muta. 2: H341 - Suspected of causing genetic defects. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral). STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure. STOT SE 3: H335 - May cause respiratory irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. **Classification procedure:** Aquatic Chronic 3: Calculation method Flam. Liq. 3: Calculation method (2.6.4.3) 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.