Printing:	25/01/2023 Date of compilation: 20/02/2018 Revised: 21/09/2022 Version: 6 (Replaced 5)
SECT	TION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
1.1	Product identifier: rangers 2K PROTECTIVE POLYURETHANE COATING
	Other means of identification:
	UFI: X3S2-S1R4-A00R-A41E
1.2	Relevant identified uses of the substance or mixture and uses advised against:
	Relevant uses: Car repair; paints and varnishes. For professional users/industrial user only.
	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:
1.4	Troton Sp. z o.o. Ząbrowo 14A 78-120 Gościno - Zachodniopomorskie - Polska Phone: +48 94 35 123 94 - Fax: +48 94 35 126 22 troton@troton.com.pl www.troton.pl / www.troton.eu Emergency telephone number: (8am-4pm)+48 094 35 123 94; 112
1.4	
SECT	TION 2: HAZARDS IDENTIFICATION
2.1	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.
2.2	Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412 Eye Irrit. 2: Eye irritation, Category 2, H319 Flam. Liq. 3: Flammable liquids, Category 3, H226 Repr. 2: Reproductive toxicity, Category 2, H361 Skin Irrit. 2: Skin irritation, Category 2, H315 Skin Sens. 1A: Sensitisation, skin, Category 1A, H317 STOT RE 2: Specific target organ toxicity — Repeated exposure, Hazard Category 2 (Oral), H373 STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335 Label elements:
	CLP Regulation (EC) No 1272/2008:
	Warning
	Hazard statements:
	Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 3: H226 - Flammable liquid and vapour. Repr. 2: H361 - Suspected of damaging fertility or the unborn child. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1A: H317 - May cause an allergic skin reaction. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral). STOT SE 3: H335 - May cause respiratory irritation.
	Precautionary statements:
	 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear. P302+P352: IF ON SKIN: Wash with plenty of water. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P403+P233: Store in a well-ventilated place. Keep container tightly closed. P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively. Substances that contribute to the classification

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rangers 2K PROTECTIVE POLYURETHANE COATING

nting:	25/01/	2023 Date	of compilation: 20/0	02/2018	Revised: 21/09/2022	Version: 6 (Rep	placed 5)	
ECT	TON 2	: HAZARDS IDE	ENTIFICATION (co	ontinued)				
2.3	-penta	e; 4-hydroxy-4-me amethyl-4-piperidy r hazards:		eaction mass	of Bis(1,2,2,6,6-pentamethyl	-4-piperidyl) sebac	cate and Metl	nyl 1,2,2,6,
		ct fails to meet PB rine-disrupting pro	T/vPvB criteria operties: The product	t fails to mee	t the criteria.			
ECT	ION 3	: COMPOSITIO	N/INFORMATION	ON INGRE	DIENTS			
.1	Subst	ance:						
	Non-a	pplicable						
.2	Mixtu	ire:						
	Chem	ical description	: Mixture composed	of chemical	products			
	Comp	onents:						
			ex II of Regulation (B	EC) No 1907/	2006 (point 3), the product c	ontains:		
		Identification	<u> </u>	, .	Chemical name/Classification			Concentratio
	CAS:	1330-20-7	Xylene ⁽¹⁾				Self-classified	
		215-535-7 601-022-00-9 01-2119488216-32- XXXX	Regulation 1272/2008		12+H332; Aquatic Chronic 3: H412; Asp .iq. 3: H226; Skin Irrit. 2: H315; STOT R		() () ()	25 - <50 %
	CAS:	123-42-2	4-hydroxy-4-methyl	pentan-2-one	(1)		Self-classified	
		204-626-7 603-016-00-1 01-2119473975-21- XXXX	Regulation 1272/2008	Eye Irrit. 2: H31	9; Flam. Liq. 3: H226; Repr. 2: H361; S1	TOT SE 3: H335 - Warning	; 🚺 🌢 🚸	2,5 - <5 %
	CAS: 7779-90-0 EC: 231-944-3		trizinc bis(orthophos	sphate) ⁽¹⁾			ATP CLP00	
	Index:	Non-applicable : 01-2119485044-40- XXXX	Regulation 1272/2008	Aquatic Acute 1:	H400; Aquatic Chronic 1: H410 - Warnin	ng	Ł	1 - <2,5 %
	CAS:	100-41-4 202-849-4 601-023-00-4 01-2119489370-35- XXXX	Ethylbenzene ⁽²⁾				ATP ATP06	
	Index: REACH:		Regulation 1272/2008	Acute Tox. 4: H3 Danger	32; Asp. Tox. 1: H304; Flam. Liq. 2: H22	25; STOT RE 2: H373 -	() 💩 🚸	<1 %
	CAS: EC: Index:	1065336-91-5 915-687-0 Non-applicable	Reaction mass of Bis 1,2,2,6,6-pentameth		ntamethyl-4-piperidyl) sebacate sebacate ⁽¹⁾	e and Methyl	Self-classified	
		01-2119491304-40- XXXX	Regulation 1272/2008	Aquatic Acute 1: H317 - Warning	H400; Aquatic Chronic 1: H410; Repr. 2	: H361f; Skin Sens. 1A:		<1 %
	CAS: EC:	14808-60-7 238-878-4	Quartz (1 %< RCS <	< 10%) ⁽²⁾			Self-classified	
	Index:	Non-applicable	Regulation 1272/2008	STOT RE 2: H37	3 - Warning		\$	<1 %
	CAS: 108-65-6 EC: 203-603-9		2-methoxy-1-methy	lethyl acetate	(2)		ATP ATP01	
	Index:	607-195-00-7 01-2119475791-29- XXXX	Regulation 1272/2008	Flam. Liq. 3: H22	26 - Warning		٨	<1 %
	CAS:	123-86-4	N-butyl acetate ⁽²⁾				ATP CLP00	<u> </u>
		204-658-1 607-025-00-1 01-2119485493-29- XXXX	Regulation 1272/2008	Flam. Liq. 3: H22	26; STOT SE 3: H336; EUH066 - Warnin	g	() ()	<1 %
	CAS:	108-88-3	Toluene ⁽²⁾				Self-classified	
		203-625-9 601-021-00-3 01-2119471310-51-	Regulation 1272/2008		3: H412; Asp. Tox. 1: H304; Flam. Liq. 2 .5; STOT RE 2: H373; STOT SE 3: H336		(!) 🖄 🚸	<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.

Other information:

		<u>-</u>			
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SECT	TION 3: COMP	OSITION/INFORMATION ON INGR	REDIENTS ((continued)	
		Identification			Specific concentration limit
	4-hydroxy-4-meth CAS: 123-42-2 EC: 204-626-7	ylpentan-2-one		% (w/w) >=10: Eye	Irrit. 2 - H319
SECT	TION 4: FIRST	AID MEASURES			
4.1	Description o	f first aid measures:			
		resulting from intoxication can appear a to the chemical product or persistent d			
	cardiorespirato	erson affected from the area of exposure ry failure, artificial resuscitation techniqu etc.) requiring immediate medical assist act:	ues will be ne		
	Remove contar and neutral so	ninated clothing and footwear, rinse skir ap. In serious cases see a doctor. If the he injury caused if it is stuck to the skin.	product caus	es burns or freezir	d if appropriate with plenty of cold water ng, clothing should not be removed as this nese should never be burst as this will
	By eye conta	ct:			
	unless they are	e stuck to the eyes, in which case remov s quickly as possible with the SDS for the	al could caus		ontact lenses, these should be removed . In all cases, after cleaning, a doctor should
	out the mouth	and throat, as they may have been affer	cted during i	ngestion.	. Keep the person affected at rest. Rinse
4.2	-	int symptoms and effects, both acu		yea:	
		yed effects are indicated in sections 2 and			
4.3	Indication of Non-applicable	any immediate medical attention a	nd special t	treatment neede	ed:
SECT	ION 5: FIREF	GHTING MEASURES			
5.1	Extinguishing	media:			
	Suitable extir	guishing media:			
	If possible use	polyvalent powder fire extinguishers (AB	3C powder), a	alternatively use fo	oam or carbon dioxide extinguishers (CO2).
	Unsuitable ex	tinguishing media:			
	IT IS RECOMM	ENDED NOT to use full jet water as an e	xtinguishing	agent.	
5.2	Special hazar	ds arising from the substance or mi	xture:		
5.2					

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

5.3 Advice for firefighters:

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

Additional provisions:

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)					

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.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

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

PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in designated areas that comply with the necessary safety conditions (emergency showers and eyewash stations in close proximity), using personal protection equipment, especially on the hands and face (See section 8). Limit manual transfers to small amounts only. 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.- Technical measures for storage

Minimum Temp.:	15 °C
Maximum Temp.:	25 °C

Maximum time: 12 Months

B.- General conditions for storage

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

7.3 Specific end use(s):

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

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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	Oc	Occupational exposure limits			
Xylene	IOELV (8h)	50 ppm	221 mg/m ³		
CAS: 1330-20-7 EC: 215-535-7	IOELV (STEL)	100 ppm	442 mg/m ³		
Ethylbenzene	IOELV (8h)	100 ppm	442 mg/m ³		
CAS: 100-41-4 EC: 202-849-4	IOELV (STEL)	200 ppm	884 mg/m ³		
Quartz (1 %< RCS < 10%)	IOELV (8h)		0,1 mg/m ³		
CAS: 14808-60-7 EC: 238-878-4	IOELV (STEL)				
2-methoxy-1-methylethyl acetate	IOELV (8h)	50 ppm	275 mg/m ³		
CAS: 108-65-6 EC: 203-603-9	IOELV (STEL)	100 ppm	550 mg/m ³		
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		
Toluene	IOELV (8h)	50 ppm	192 mg/m ³		
CAS: 108-88-3 EC: 203-625-9	IOELV (STEL)	100 ppm	384 mg/m ³		

DNEL (Workers):

		Short e	exposure	Long exposure	
Identification		Systemic	Local	Systemic	Local
Xylene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 1330-20-7	Dermal	Non-applicable	Non-applicable	212 mg/kg	Non-applicable
EC: 215-535-7	Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³
4-hydroxy-4-methylpentan-2-one	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 123-42-2	Dermal	Non-applicable	Non-applicable	467 mg/kg	Non-applicable
EC: 204-626-7	Inhalation	Non-applicable	240 mg/m ³	32,6 mg/m ³	Non-applicable
trizinc bis(orthophosphate)	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 7779-90-0	Dermal	Non-applicable	Non-applicable	83 mg/kg	Non-applicable
EC: 231-944-3	Inhalation	Non-applicable	Non-applicable	5 mg/m ³	Non-applicable
Ethylbenzene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 100-41-4	Dermal	Non-applicable	Non-applicable	180 mg/kg	Non-applicable
EC: 202-849-4	Inhalation	Non-applicable	293 mg/m ³	77 mg/m ³	Non-applicable
Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 1065336-91-5	Dermal	Non-applicable	Non-applicable	0,5 mg/kg	Non-applicable
EC: 915-687-0	Inhalation	Non-applicable	Non-applicable	0,68 mg/m ³	Non-applicable
2-methoxy-1-methylethyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 108-65-6	Dermal	Non-applicable	Non-applicable	796 mg/kg	Non-applicable
EC: 203-603-9	Inhalation	Non-applicable	550 mg/m ³	275 mg/m ³	Non-applicable
N-butyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 123-86-4	Dermal	11 mg/kg	Non-applicable	11 mg/kg	Non-applicable
EC: 204-658-1	Inhalation	600 mg/m ³	600 mg/m ³	300 mg/m ³	300 mg/m ³
Toluene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 108-88-3	Dermal	Non-applicable	Non-applicable	384 mg/kg	Non-applicable
EC: 203-625-9	Inhalation	384 mg/m ³	384 mg/m ³	192 mg/m ³	192 mg/m ³

DNEL (General population):

1		Short e	xposure	Long exposure	
Identification		Systemic	Local	Systemic	Local
Xylene	Oral	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
CAS: 1330-20-7	Dermal	Non-applicable	Non-applicable	125 mg/kg	Non-applicable
EC: 215-535-7	Inhalation	260 mg/m ³	260 mg/m ³	65,3 mg/m³	65,3 mg/m ³

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Short	Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local	
4-hydroxy-4-methylpentan-2-one	Oral	Non-applicable	Non-applicable	1,67 mg/kg	Non-applicable	
CAS: 123-42-2	Dermal	Non-applicable	Non-applicable	33 mg/kg	Non-applicable	
EC: 204-626-7	Inhalation	Non-applicable	Non-applicable	5,8 mg/m ³	Non-applicable	
trizinc bis(orthophosphate)	Oral	Non-applicable	Non-applicable	0,83 mg/kg	Non-applicable	
CAS: 7779-90-0	Dermal	Non-applicable	Non-applicable	83 mg/kg	Non-applicable	
EC: 231-944-3	Inhalation	Non-applicable	Non-applicable	2,5 mg/m ³	Non-applicable	
Ethylbenzene	Oral	Non-applicable	Non-applicable	1,6 mg/kg	Non-applicable	
CAS: 100-41-4	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
EC: 202-849-4	Inhalation	Non-applicable	Non-applicable	15 mg/m ³	Non-applicable	
Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	Oral	Non-applicable	Non-applicable	0,05 mg/kg	Non-applicable	
CAS: 1065336-91-5	Dermal	Non-applicable	Non-applicable	0,25 mg/kg	Non-applicable	
EC: 915-687-0	Inhalation	Non-applicable	Non-applicable	0,17 mg/m ³	Non-applicable	
2-methoxy-1-methylethyl acetate	Oral	Non-applicable	Non-applicable	36 mg/kg	Non-applicable	
CAS: 108-65-6	Dermal	Non-applicable	Non-applicable	320 mg/kg	Non-applicable	
EC: 203-603-9	Inhalation	Non-applicable	Non-applicable	33 mg/m ³	33 mg/m ³	
N-butyl acetate	Oral	2 mg/kg	Non-applicable	2 mg/kg	Non-applicable	
CAS: 123-86-4	Dermal	6 mg/kg	Non-applicable	6 mg/kg	Non-applicable	
EC: 204-658-1	Inhalation	300 mg/m ³	300 mg/m ³	35,7 mg/m ³	35,7 mg/m ³	
Toluene	Oral	Non-applicable	Non-applicable	8,13 mg/kg	Non-applicable	
CAS: 108-88-3	Dermal	Non-applicable	Non-applicable	226 mg/kg	Non-applicable	
EC: 203-625-9	Inhalation	226 mg/m ³	226 mg/m ³	56,5 mg/m ³	56,5 mg/m ³	

PNEC:

Identification				
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	Non-applicable	Sediment (Marine water)	12,46 mg/kg
4-hydroxy-4-methylpentan-2-one	STP	100 mg/L	Fresh water	2 mg/L
CAS: 123-42-2	Soil	0,3 mg/kg	Marine water	0,2 mg/L
EC: 204-626-7	Intermittent	1 mg/L	Sediment (Fresh water)	7,4 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,74 mg/kg
trizinc bis(orthophosphate)	STP	0,1 mg/L	Fresh water	0,0206 mg/L
CAS: 7779-90-0	Soil	35,6 mg/kg	Marine water	0,0061 mg/L
EC: 231-944-3	Intermittent	Non-applicable	Sediment (Fresh water)	117,8 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	56,5 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 Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	STP	1 mg/L	Fresh water	0,002 mg/L
CAS: 1065336-91-5	Soil	0,21 mg/kg	Marine water	0 mg/L
EC: 915-687-0	Intermittent	0,009 mg/L	Sediment (Fresh water)	1,05 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,11 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	Non-applicable	Sediment (Marine water)	0,329 mg/kg

СТ	ION 8: EXPOSURE	CONTROLS/PERSONA	AL PROTECTI	ON (continued)			
	Т	dentification					
	N-butyl acetate		STP	35,6 mg/L	Fresh water	0,18 mg/L	
	CAS: 123-86-4		Soil		Marine water	0,018 mg/L	
		EC: 204-658-1			Gediment (Fresh water)	0,981 mg/kg	
	EC: 204-658-1		Intermittent Oral	. 5.	Sediment (Marine water)	0,098 mg/kg	
	Toluene		STP		Fresh water	0,68 mg/L	
	CAS: 108-88-3		Soil		Marine water	0,68 mg/L	
	EC: 203-625-9		Intermittent		Gediment (Fresh water)	16,39 mg/kg	
	LC. 203 023-9		Oral		Sediment (Marine water)	16,39 mg/kg	
	Exposure controls		0.0			10,00	
	As a preventative marking>> in ac use, cleaning, ma information see s	tion measures, such as per emeasure it is recommend cordance with Regulation aintenance, class of protect subsection 7.1. All information revention services as it is re-	led to use basic (EU) 2016/425 tion,) consult ation contained	c Personal Protective E For more information the information leafle herein is a recommend	on Personal Protective t provided by the manuf dation which needs som	Equipment (storage acturer. For more e specification from	
	Pictogram	PPE	Labelling	CEN Standard	Re	narks	
	Mandatory respiratory tract protection	respiratory tract protection		EN 405:2002+A1:2010	contaminant inside contaminant come	Replace when there is a taste or smell of th contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.	
	C Specific protectio	n for the hands					
	Pictogram	PPE	Labelling	CEN Standard	Re	marks	
	Mandatory hand protection	NON-disposable chemical protective gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.4 mm)		EN ISO 374-1:2016+A1:20 EN 16523-1:2015+A1:20 EN ISO 21420:2020	118 manufacturer must exce 18 the product is being us creams after the produ	Time indicated by the ed the period during wh ed. Do not use protectiv ict has come into contain in skin.	
		a mixture of several subs d has therefore to be che tection			aterial can not be calcula	ated in advance with	
	Pictogram	PPE	Labelling	CEN Standard	Rei	marks	
		Panoramic glasses against splash/projections.	CAT II	EN 166:2002 EN ISO 4007:2018	the manufacturer's ins	t periodically according tructions. Use if there is splashing.	
	Mandatory face protection						
	protection	PPE	Labelling	CEN Standard	Re	marks	
	protection E Body protection	PPE Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	Labelling CAT III	CEN Standard EN 1149-1,2,3 EN 13034:2005+A1:200 EN ISO 13982- 1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN ISO 13688:2013	9 For professional use	narks only. Clean periodically ufacturer´s instructions.	

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

rangers 2K PROTECTIVE POLYURETHANE COATING

СТ	TION 8: EXPOSURE CONTROLS/PERSC	ONAL PR <u>OTECTION (</u>	continu <u>ed)</u>				
	Emergency measure	Standards	Emergency measure	Standards			
	*	ANSI Z358-1 :2011, ISO 3864-4:2011	Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:201			
	Environmental exposure controls:						
	In accordance with the community legislati spillage of both the product and its contain Volatile organic compounds:	on for the protection of t er. For additional informa	the environment it is reation see subsection 7.	ecommended to avoid environmenta 1.D			
	With regard to Directive 2010/75/EU, this p	product has the following	characteristics:				
	V.O.C. (Supply): 35	,77 % weight					
	V.O.C. density at 20 °C: 53	0 kg/m³ (530 g/L)					
	Average carbon number: 7,8	83					
	Average molecular weight: 10	17,24 g/mol					
СТ	TION 9: PHYSICAL AND CHEMICAL PR	OPERTIES					
	Information on basic physical and che	mical properties:					
	For complete information see the product of	latasheet.					
	Appearance:						
	Physical state at 20 °C:	Liquid					
	Appearance:	Viscous	Viscous				
	Colour:	Colourless	Colourless				
	Odour:	Not availat	Not available				
	Odour threshold:	Non-applic	Non-applicable *				
	Volatility:						
	Boiling point at atmospheric pressure:	118 °C					
	Vapour pressure at 20 °C:	2083 Pa					
	Vapour pressure at 50 °C:	11005,88 F	Pa (11,01 kPa)				
	Evaporation rate at 20 °C:	Non-applic	able *				
	Product description:						
	Density at 20 °C:	1,3 kg/m³					
	Relative density at 20 °C:	1,181					
	Dynamic viscosity at 20 °C:	Non-applic	able *				
	Kinematic viscosity at 20 °C:	Non-applic	able *				
	Kinematic viscosity at 40 °C:	>20,5 mm	²/s				
	Concentration:	Non-applic	able *				
	pH:	Non-applic	able *				
	Vapour density at 20 °C:	Non-applic	Non-applicable *				
	Partition coefficient n-octanol/water 20 °C:	Non-applic	Non-applicable *				
	Solubility in water at 20 °C:	Non-applic	able *				
	Solubility properties:	Non-applic	able *				
	Decomposition temperature:	Non-applic	able *				
	Melting point/freezing point:	Non-applic	able *				
	Flammability:						
	Flash Point:	33 °C					
	*Not relevant due to the nature of the product, not p						



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SECT	FION 9: PHYSIC	AL AND CHEMICAL PROPERTIE	S (continued)					
	Flammability (soli	id, gas):	Non-applicable *					
	Autoignition temp	perature:	315 °C					
	Lower flammabili	ty limit:	Not available					
	Upper flammabili	ty limit:	Not available					
	Particle charac	teristics:						
	Median equivalen	t diameter:	Non-applicable					
9.2	Other informat	ion:						
	Information wi	th regard to physical hazard clas	ises:					
	Explosive propert	ies:	Non-applicable *					
	Oxidising propert	ies:	Non-applicable *					
	Corrosive to meta	als:	Non-applicable *					
	Heat of combusti	on:	Non-applicable *					
	Aerosols-total per components:	rcentage (by mass) of flammable	Non-applicable *					
	Other safety ch	aracteristics:						
	Surface tension a	t 20 ºC:	Non-applicable *					
	Refraction index:		Non-applicable *					
	*Not relevant due to the nature of the product, not providing information property of its hazards.							

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

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

10.2 Chemical stability:

Chemically stable under the 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 (CO_2), 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):

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TION 11: TOXI	COLOGICAL INFORMATION (contin	nued)			
as hazardou	-	see section 3			
 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: Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages. Contact with the skin and the eyes (acute effect): 					
 Contact v Contact v 	with the skin: Produces skin inflammation with the eyes: Produces eye damage after (carcinogenicity, mutagenicity and toxici	r contact.	:		
as hazardou IARC: Xyl < 10%) (1) - Mutagen hazardous fi	enicity: Based on available data, the class is for the effects mentioned. For more infi ene (3); Ethylbenzene (2B); Toluene (3); icity: Based on available data, the classifie or this effect. For more information see so tive toxicity: Suspected of damaging fert effects:	ormation see section Carbon black (2B) cation criteria are r ection 3.	on 3. Hydrocarbons, C not met, as it doe	9, aromatics (3); Qua	rtz (1 %< RCS
 Respirato hazardous v Skin: Pro 	ory: Based on available data, the classificativity sensitising effects. For more informat longed contact with the skin can result in jet organ toxicity (STOT) - single exposur	ion see section 3. episodes of allerg	-		s classified as
	ation in respiratory passages, which is nor		nd limited to the u	pper respiratory pass	ages.
	jet organ toxicity (STOT)-repeated expos	-			-
nervous sys consciousne - Skin: Bas classified as H- Aspiration h Based on av for this effer Other informa	ed on available data, the classification cri dangerous due to repetitive exposure. Fo azard: railable data, the classification criteria are ct. For more information see section 3.	, nausea, vomiting iteria are not met. or more informatio	confusion, and in However, it does In see section 3.	n serious cases, loss o contain substances w	f hich are
Non-applicable		_			
Specific toxic	ology information on the substances	:			
Xylene	Identification		Acu LD50 oral	2100 mg/kg	Genus Rat
CAS: 1330-20-7			LD50 dermal	1100 mg/kg	Rat
EC: 215-535-7			LC50 inhalation	11 mg/L (ATEi)	
4-hydroxy-4-meth	ylpentan-2-one		LD50 oral	3002 mg/kg	Rat
CAS: 123-42-2			LD50 dermal	>2000 mg/kg	
EC: 204-626-7			LC50 inhalation	>20 mg/L	
trizinc bis(orthoph	osphate)		LD50 oral	>2000 mg/kg	_
CAS: 7779-90-0			LD50 dermal	>2000 mg/kg	+
EC: 231-944-3			LC50 inhalation	>5 mg/L	
Ethylbenzene			LD50 oral	3500 mg/kg	Rat

LD50 dermal

LC50 inhalation

15354 mg/kg

17,2 mg/L (4 h)

CAS: 100-41-4

EC: 202-849-4

Rabbit

Rat

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SECTION 11: TOXI	COLOGICAL INFORMATION (contin	ued)			
	Identification		Ac	ute toxicity	Genus
Reaction mass of E	Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate an eridyl sebacate	d Methyl 1,2,2,6,6-	LD50 oral	3230 mg/kg	Rat
CAS: 1065336-91-	5		LD50 dermal	>2000 mg/kg	
EC: 915-687-0			LC50 inhalation	>20 mg/L	
Quartz (1 %< RCS	5 < 10%)		LD50 oral	>2000 mg/kg	
CAS: 14808-60-7			LD50 dermal	>2000 mg/kg	
EC: 238-878-4			LC50 inhalation	>5 mg/L	
2-methoxy-1-meth	ylethyl acetate		LD50 oral	8532 mg/kg	Rat
CAS: 108-65-6			LD50 dermal	5100 mg/kg	Rat
EC: 203-603-9			LC50 inhalation	30 mg/L (4 h)	Rat
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	23,4 mg/L (4 h)	Rat
Toluene			LD50 oral	5580 mg/kg	Rat
CAS: 108-88-3			LD50 dermal	12124 mg/kg	Rat
EC: 203-625-9			LC50 inhalation	28,1 mg/L (4 h)	Rat

Acute Toxicity Estimate (ATE mix):

	ATE mix		
Oral	ral >2000 mg/kg (Calculation method)		
Dermal	3463,96 mg/kg (Calculation method)	0 %	
Inhalation	34,64 mg/L (4 h) (Calculation method)	0 %	

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product fails to meet the criteria.

Other information

Non-applicable

SECTION 12: ECOLOGICAL INFORMATION

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

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
Xylene	LC50	>10 - 100 mg/L (96 h)		Fish
CAS: 1330-20-7	EC50	>10 - 100 mg/L (48 h)		Crustacean
EC: 215-535-7	EC50	>10 - 100 mg/L (72 h)		Algae
4-hydroxy-4-methylpentan-2-one	LC50	110 mg/L (96 h)	Oryzias latipes	Fish
CAS: 123-42-2	EC50	1000 mg/L (48 h)	Daphnia magna	Crustacean
EC: 204-626-7	EC50	1000 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
trizinc bis(orthophosphate)	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 7779-90-0	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 231-944-3	EC50	>0.1 - 1 mg/L (72 h)		Algae
Ethylbenzene	LC50	42,3 mg/L (96 h)	Pimephales promelas	Fish
CAS: 100-41-4	EC50	75 mg/L (48 h)	Daphnia magna	Crustacean
EC: 202-849-4	EC50	63 mg/L (3 h)	Chlorella vulgaris	Algae
Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	LC50	0,9 mg/L (96 h)	Danio rerio	Fish
CAS: 1065336-91-5	EC50	Non-applicable		
EC: 915-687-0	EC50	1,7 mg/L (72 h)	Desmodesmus subspicatus	Algae

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SECTION 12	: ECOLOGICAL INFORMATION (con	ntinuec	d)					
	Identification			Concentration		Species		Genus
2-metho	xy-1-methylethyl acetate	L	_C50	161 mg/L (96 h)		Pimephales promelas	5	Fish
CAS: 108	CAS: 108-65-6 EC: 203-603-9		EC50	481 mg/L (48 h)		Daphnia sp.		Crustacear
EC: 203-			EC50	Non-applicable				
N-butyl a	acetate	L	_C50	Non-applicable				
CAS: 12	3-86-4	E	EC50	Non-applicable				
EC: 204-	EC: 204-658-1 Toluene CAS: 108-88-3		EC50	675 mg/L (72 h)		Scenedesmus subspica	tus	Algae
Toluene			_C50	13 mg/L (96 h)		Carassius auratus		Fish
CAS: 108			EC50	11,5 mg/L (48 h)		Daphnia magna		Crustacea
EC: 203-	-625-9	E	EC50	Non-applicable				
Chroni	ic toxicity:			-				
	Identification			Concentration		Species		Genus
Xylene		1	NOEC	1,3 mg/L		Oncorhynchus mykiss		Fish
CAS: 13	30-20-7 EC: 215-535-7	1	NOEC	1,17 mg/L Non-applicable 100 mg/L		Ceriodaphnia dubia		Crustacean
4-hydrox	xy-4-methylpentan-2-one	1	NOEC					
CAS: 123	3-42-2 EC: 204-626-7	1	NOEC			Daphnia magna		Crustacean
Ethylben	izene	٦	NOEC	Non-applicable				
	0-41-4 EC: 202-849-4	1	NOEC	0,96 mg/L		Ceriodaphnia dubia		Crustacea
	n mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sel hyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	bacate	NOEC	Non-applicable				
CAS: 10	65336-91-5 EC: 915-687-0	ſ	NOEC	1 mg/L		Daphnia magna		Crustacea
2-metho	xy-1-methylethyl acetate	1	NOEC	47,5 mg/L		Oryzias latipes		Fish
CAS: 108	8-65-6 EC: 203-603-9	1	NOEC	100 mg/L	100 mg/L Daphn			Crustacea
N-butyl a	acetate	٦	NOEC	Non-applicable				
CAS: 123	S: 123-86-4 EC: 204-658-1 NOEC 23,2 mg/L		23,2 mg/L		Daphnia magna		Crustacea	
12.2 Persist	tence and degradability:						· · · ·	
Substa	ince-specific information:							
	Identification		De	gradability		Biodegradab	ility	
Xylene		BOD5		Non-applicable	Concer	ntration	Non-ap	plicable
CAS: 13	30-20-7	COD		Non-applicable	Period		28 days	i
EC: 215-	-535-7	BOD5/0	COD	Non-applicable	% Biod	degradable	88 %	
4-hydrox	ky-4-methylpentan-2-one	BOD5		Non-applicable	Concer	ntration	57.5 mg	g/L
		000						·

				/
EC: 215-535-7	BOD5/COD	Non-applicable	% Biodegradable	88 %
4-hydroxy-4-methylpentan-2-one	BOD5	Non-applicable	Concentration	57.5 mg/L
CAS: 123-42-2	COD	Non-applicable	Period	28 days
EC: 204-626-7	BOD5/COD	Non-applicable	% Biodegradable	98,51 %
Ethylbenzene	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 100-41-4	COD	Non-applicable	Period	14 days
EC: 202-849-4	BOD5/COD	Non-applicable	% Biodegradable	90 %
Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	BOD5	Non-applicable	Concentration	20 mg/L
CAS: 1065336-91-5	COD	Non-applicable	Period	28 days
EC: 915-687-0	BOD5/COD	Non-applicable	% Biodegradable	38 %
2-methoxy-1-methylethyl acetate	BOD5	Non-applicable	Concentration	785 mg/L
CAS: 108-65-6	COD	Non-applicable	Period	8 days
EC: 203-603-9	BOD5/COD	Non-applicable	% Biodegradable	100 %
N-butyl acetate	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 123-86-4	COD	Non-applicable	Period	5 days
EC: 204-658-1	BOD5/COD	Non-applicable	% Biodegradable	84 %
Toluene	BOD5	2,5 g O2/g	Concentration	100 mg/L
CAS: 108-88-3	COD	Non-applicable	Period	14 days
EC: 203-625-9	BOD5/COD	Non-applicable	% Biodegradable	100 %

12.3 Bioaccumulative potential:

Substance-specific information:

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SECTION 12: ECC	LOGICAL INFORMATION (co	ntinued)							
	Identification			Віоассі	umulation potential				
Xylene			BCF		9				
CAS: 1330-20-7			Pow	/ Log	2.77				
EC: 215-535-7			Pote	ential	Low				
4-hydroxy-4-me	thylpentan-2-one		BCF		0.5				
CAS: 123-42-2			Pow	/ Log					
EC: 204-626-7			Pote	ential	Low				
Ethylbenzene			BCF		1				
CAS: 100-41-4			Pow	/ Log	3.15				
EC: 202-849-4			Pote	ential	Low				
2-methoxy-1-me	thylethyl acetate		BCF		1				
CAS: 108-65-6			Pow	/ Log	0.43 Low				
EC: 203-603-9			Pote	ential					
N-butyl acetate			BCF		4				
CAS: 123-86-4			Pow	/ Log	1.78				
EC: 204-658-1	EC: 204-658-1				Low				
Toluene			BCF		90				
CAS: 108-88-3	CAS: 108-88-3				88-3		Pow	/ Log	2.73
EC: 203-625-9			Pote	ential	Moderate				
L2.4 Mobility in s	oil:								
	Identification	Absorption/o	desorption		Volatility				
Xvlene		Koc 202	2	Henry	524.86 Pa:m ³ /mol				

Identification	Absorpt	ion/desorption	Volatility		
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	Non-applicable	Moist soil	Yes	
4-hydroxy-4-methylpentan-2-one	Кос	1	Henry	Non-applicable	
CAS: 123-42-2	Conclusion	Very High	Dry soil	Non-applicable	
EC: 204-626-7	Surface tension	2,963E-2 N/m (25 °C)	Moist soil	Non-applicable	
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 Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	Кос	204400	Henry	0E+0 Pa·m³/mol	
CAS: 1065336-91-5	Conclusion	Immobile	Dry soil	No	
EC: 915-687-0	Surface tension	Non-applicable	Moist soil	No	
N-butyl acetate	Кос	Non-applicable	Henry	Non-applicable	
CAS: 123-86-4	Conclusion	Non-applicable	Dry soil	Non-applicable	
EC: 204-658-1	Surface tension	2,478E-2 N/m (25 °C)	Moist soil	Non-applicable	
Toluene	Кос	178	Henry	672,8 Pa·m³/mol	
CAS: 108-88-3	Conclusion	Moderate	Dry soil	Yes	
EC: 203-625-9	Surface tension	2,793E-2 N/m (25 °C)	Moist soil	Yes	

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product fails to meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

		tant — skin irritation and eye dam Jisposal and evaluation):	nage
2 (Directive 2008 the product, it w Waste should no	8/98/EC). ill be pro t be disp	. As under 15 01 (2014/955/EC) o	ssment and disposal operations in accordance with Annex 1 and Annex f the code and in case the container has been in direct contact with al product. Otherwise, it will be processed as non-dangerous residue. 6.2.
-		-	006 (REACH) the community or state provisions related to waste
management are			the community of state provisions related to waste
Community legis	lation: D	irective 2008/98/EC, 2014/955/EU	J, Regulation (EU) No 1357/2014
ECTION 14: TRANS	SPORT	INFORMATION	
		us goods by land:	
-	-	1 and RID 2021:	
With regula to i		UN number or ID number:	UN1263
		UN proper shipping name:	PAINT
Je he		Transport hazard class(es):	3
		Labels:	3
	14.4	Packing group:	III
3		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 instruments:	Non-applicable
Transport of c	langero	us goods by sea:	
With regard to 1	-		
with regard to .			
		UN number or ID number:	UN1263
		UN proper shipping name:	PAINT
she	14.5	Transport hazard class(es): Labels:	3 3
	14.4	Packing group:	S III
		Marine pollutant:	No
3		Special precautions for user	
·	1110	Special regulations:	223, 955, 163, 367
		EmS Codes:	F-E, S-E
		Physico-Chemical properties:	see section 9
		Limited quantities:	5 L
		Segregation group:	Non-applicable
	14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable
	langara		
Transport of c	Januero	us uoous dy air:	

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SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Code	Description	Waste class (Regulation (EU) No 1357/2014)
	waste paint and varnish containing organic solvents or other hazardous substances packaging containing residues of or contaminated by hazardous substances	Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, HP10 Toxic

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SECTION 14: TRANSPORT INFORMATION (continued)					
3	14.3 14.4 14.5	UN number or ID number: UN proper shipping name: Transport hazard class(es): Labels: Packing group: Environmental hazards: Special precautions for user	UN1263 PAINT 3 3 III No		
	14.7	Physico-Chemical properties: Maritime transport in bulk according to IMO instruments:	see section 9 Non-applicable		

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
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 ashtrays,

-tricks and jokes,

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

Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

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.: Non-applicable

Texts of the legislative phrases mentioned in section 2:

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SECTION 16: OTHE	R INFORMATION (continued)		
H412: Harmful H373: May caus H361: Suspecte H317: May caus H226: Flammab	kin irritation. se respiratory irritation. to aquatic life with long lasting effects. se damage to organs through prolonged ed of damaging fertility or the unborn chi se an allergic skin reaction. ole liquid and vapour. erious eye irritation.		
	egislative phrases mentioned in sec		
	licated do not refer to the product itself; onents which appear in section 3	they are present merely for ir	nformative purposes and refer to the
CLP Regulatio	on (EC) No 1272/2008:		
Acute Tox. 4: H Aquatic Acute 1 Aquatic Chronic Asp. Tox. 1: H3 Eye Irrit. 2: H3: Flam. Liq. 2: H2 Flam. Liq. 2: H2 Flam. Liq. 3: H2 Repr. 2: H361d Repr. 2: H361d Repr. 2: H361f Skin Irrit. 2: H3 StoT RE 2: H3: STOT SE 3: H3: STOT SE 3: H3: STOT SE 3: Classification Skin Irrit. 2: Cal STOT SE 3: Cal	Iculation method	long lasting effects. ong lasting effects. rs airways. r. Inborn child. ild. on. gh prolonged or repeated expo gh prolonged or repeated expo	osure (Oral).
STOT RE 2: Cal	culation method		
Flam. Liq. 3: Ca	Calculation method Iculation method (2.6.4.3) culation method		
Advice related			
interpretation of	f this safety data sheet, as well as the la		ct and to facilitate their comprehension and
Principal bibli http://echa.euro	ographical sources:		
http://eur-lex.eu			
	and acronyms:		
ADR: European IMDG: Internati IATA: Internatic ICAO: Internatic COD: Chemical	agreement concerning the international ional maritime dangerous goods code onal Air Transport Association onal Civil Aviation Organisation Oxygen Demand	carriage of dangerous goods	by road
BCF: Bioconcen			
Koc: Partition co UFI: unique for	pefficient of organic carbon		

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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.