

PICRO-SIRIUS RED KIT

The kit contains:

ErioGnost reagent
Picro-Sirius Red reagent
Acetic acid, 0.5% solution
Plastic Pasteur pipette



According to Regulation (EC) No. 1907/2006 amended by Regulation (EU) No. 2020/878

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Trading name:	ERIOGNOST REAGENT			
Product code:	ERS-OT-X**	Date of compilation: 23 Dec 2022	Version:	3

SECTI	ON 1: Identification of t	he substance	e/mixture	and of the company/undertaking
1.1	Product identifier			
	Trading name:	ERIOGNOS [*]	T REAGEN	Т
	Chemical name:	-		
	Catalogue number:	ERS-OT-X**	ŧ	
1.2	Relevant identified use	es of the subs	tance or m	nixture and uses advised against
	Uses:		For use	with special staining kits.
	Uses advised against:		Only the	e identified uses are advised.
	Reason why uses advis	sed against:	medical	duct is intended for use only as an <i>in vitro</i> diagnostic device, registered at the Agency for Medicinal Products and Devices and there is no reason to use it for other purposes.
1.3	Details of the supplier of the safety data sheet			
	Supplier:		BioGnost Ltd.	
	Address:		Medjugorska 59, Zagreb	
	Telephone number:		+385 1 2409997	
	Telefax.:		+385 1 2404039	
	e-mail of competent p	erson:	msds@b	<u>piognost.hr</u>
	National contact:		-	
1.4	Emergency telephone	number		
	National Protection an	d Rescue Dire	ectorate:	112
	Medical information:			-
	Other information:			-

SECTIO	SECTION 2. Hazards identification				
2.1	Classification of the substance or mixture				
2.1.1	Classification according to Regu	ulation (EC) No 12	.72/2008 (CLP)		
	Hazard class and catego	ory code:	Hazard statements*:		
	Not identified as hazardous sub	ostance.	-		
2.1.2.	Additional information				
	-				
*For ful	l text of Hazard- and EU Hazard-	statements: see S	ECTION 16		
2.2	Label elements				
	Product identification:	ERIOGNOST REA	AGENT		
	Identification number:	-			
	Authorization number:	-			
	Hazard pictograms:	-			



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	Signal word:	-		
	Hazard statements:	-		
	Precautionary statements:	-		
	Supplemetal hazard information (EU):	-		
2.3	Other hazards			
	The product has no other know	n specific hazards for human or environment.		
	Results of PBT and vPvB assessment: Based on available data, the product does not contain any PBT or vPvB substances.			
	Endocrine disrupting property: Based on available data, does not contain endocrine disruptors.			

SECTION 3. Composition/information on ingredients				
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
7647-01-0/ 231-595-7/ 017-002-01-X	-	<5%	hydrochloric acid, 37%	Skin corrosion 1B; H314 STOT SE 3; H335

SECTI	ION 4. First aid measures			
4.1	Description of first aid measures	Description of first aid measures		
	General notes:	If the suggested first aid measures do not prove sufficient, seek medical attention.		
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. In case of difficult breathing, provide the afflicted person with oxygen.		
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water for at least 20 minutes. Seek medical assistance if the symptoms of irritation remain.		
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open for at least 20 minutes. If the symptoms remain, immediately call in ophthalmologist.		
	Following ingestion:	Rinse the mouth thoroughly with 1-2 glasses of water. Immediately consult a physician and show the container or label. In case of swallowing large quantities, transport the afflicted person to the hospital.		
	Self-protection of the first aider:	-		
4.2	Most important symptoms and ef	fects, both acute and delayed		



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	Following inhalation:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.	
	Following skin contact:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.	
	Following eye contact:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.	
	Following ingestion:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.	
4.3	Indication of any immediate medical attention and special treatment needed		
	-		

SECTION	SECTION 5. Firefighting measures				
5.1	Extinguishing media				
	Suitable extinguishing media:	water spray, dry powder, CO2 or alcohol resistant foam			
	Unsuitable extinguishing media:	Water with full jet.			
5.2	Special hazards arising from the substance or mixture				
	Hazardous combustion products:	no information available			
5.3	Advice for firefighters				
	Use a self-contained open-circuit co	empressed air breathing apparatus and fireproof clothing.			
5.4	Additional information	Additional information			
	Cool endangered receptacles with w contaminate the environment with e	vater spray. Collect contaminated firefighting water separately. Do not extinguishing media.			

SECTIO	ON 6. Accidental release measur	res	
6.1	Personal precautions, protective equipment and emergency procedures		
6.1.1.	For non-emergency personnel		
	Protective equipment:	Use personal protective equipment (see Section 8).	
	Accident prevention methods:	Evacuate members of all non-essential personnel and those members without protective equipment. Avoid breathing vapors and avoid contact with skin and eyes. Do not smoke.	
	Emergency procedures:	Mark the area using proper signs.	
6.1.2.	For emergency responders:		
	Use protective equipment; in ca (see Section 8).	se of inadequate ventilation use adequate airways protective equipment	
6.2	Environmental precautions:		
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.		
6.3	Methods and material for conta	inment and cleaning up	



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6.3.1.	Bunding, covering of drains; capping procedures:	Sand protective barrier or barriers made of similar materials.				
6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using absorbing material. Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and involved materials with water.				
6.3.3.	Other information:	Secure proper ventilation. Do not use incompatible materials (see Section 10).				
6.4	Reference to other sections					
	See Section 7 for information on safe handling.					
	See Section 8 for information	See Section 8 for information on personal protection equipment.				
	See Section 13 for disposal in	formation.				

SECTIO	ON 7. Handling and storage				
7.1	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:		Use in well ventilated storage rooms. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.		
	Measures to prevent aerosol and dust generation	Secure proper ventilation.			
	Measures to protect the environment:	Prevent spilling into the sewage system and waterways.			
	Other measures:		Protect against electrostatic charges.		
7.1.2.	Advice on general occupational hygiene:				
	Do not eat, drink or smoke in the workspace. The	oroughly was	sh hands after work and before eating.		
7.2	Conditions for safe storage, including any incom	patibilities			
	Technical measures and storage conditions:	well ventil	ghtly closed and upright set containers in a ated storage rooms at temperatures ranging 25 °C. Protect from heat and direct sunlight.		
	Packaging materials:	Manufactu	ırer's original packaging.		
	Requirements for storage rooms and vessels:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain			
	Advices for storage equipment:				



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	Further information on storage conditions:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 10).
7.3	Specific end use(s)	
	Recommendations:	-
	Industrial sector specific solutions:	-

SECTION	8. Exposu	ire contro	ols/perso	nal pr	otection					
	Control pai									
S	Substance		CA	S No		•		exposure limit term values	Biol	ogical limit values
					ppn	n	mg/m³		J	
Hydrogen chloride		764	7-01-0		5/10	0	8/15		-	
Substance	e name:	-								
EC No:		<u> </u>	CAS No	:	-					
DNEL		<u> </u>								
					In	dust	trial			
Route of		Acı	ite		Acute			Chronic		Chronic
exposure	:	effect	local	ocal effect systemic		ic	effect local			effect systemic
Oral		-		-			-		-	
Inhalation	1	-		-			-		-	
Dermal		-		-			-		-	
Critical ph	nysical para	ameters: s	olubility,	flamma	ability, co	rrosi	ivity:	-		
					Co	onsu	mer			
Route of		Acı	ute		Acute			Chronic		Chronic
exposure	:	effect	local	effe	ct system	ic		effect local		effect systemic
Oral		-		-			-		-	
Inhalation	1	-		-			-		-	
Dermal		-		-		-		-		
PNEC										
Environme	ental prote	ection tar	get			PN	IEC			
Fresh wate	er					no information available				
Freshwate	er sedimen	nts				no information available				
Marine wa	ater					no information available				
Marine se	diments					no	inform	ation available		



Food chain

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no information available

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Microorga	anisms in sewage treatment		no information available	
Soil (agric	cultural)		no information available	
Air			no information available	
8.2	Exposure controls			
8.2.1.	Appropriate engineering controls			
	Substance/mixture related measure prevent exposure during identified		Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace.	
	Structural measures to prevent exposure: Organisational measures to prevent exposure: Technical measures to prevent exposure:		In accordance with Section 7.	
			Organization of work in order to reduce other worker's influence during work process.	
			Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels. Secure stations for rinsing eyes and showering.	
8.2.2.	Personal protection equipment			
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (EN 166) or visor in case of lower levels of concentration in air; protective gas mask that covers the entire face in case of higher levels of concentration in air.		
8.2.2.2.	Skin protection	<u> </u>		
	Hand protection:		otective gloves have to satisfy the specification of tion (EU) 2016/425 and the related standard EN 374. Glove material: nitrile rubber Glove thickness: 0.40 mm Time until perforation: > 480 min	
	Other skin protection:	footwe entire impern	every day work use cotton clothing (EN 340) and suitable ear, such as rubber boots (EN 20345) or shoes that cover the foot. In case of spilling hazard, use clothing made of meable material suitable for protection from liquid chemicals PVC, himex) and footwear made from the same material.	
8.2.2.3.	Respiratory protection:	Protective full face mask (EN 136) or half mask (EN 140) equipped with a filter for organic vapors, type "A" (boiling point >65°C) acording to EN 14387) used when concentration levels exceed GVI.		
8.2.2.4.	Thermal hazards:	No info	ormation available	
8.2.3.	Environmental exposure controls			
	Substance/mixture related measures to prevent exposure:	See Se	ction 6	



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Structural measures to prevent exposure:	Use modern equipment.
Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of the workplace.
Technical measures to prevent exposure:	See Section 6

	Information on basic physical and	chemical properties	
		Value	Method
	Physical state:	liquid	No information available
	Colour:	blue purple	No information available
	Odour/odour threshold:	mild specific/no information available	smelling
	Melting point / freezing point:	No information available	No information available
	Boiling point or initial boiling point and boiling range:	No information available	potentiometric measurement
	Flammability:	No information available	No information available
	Lover and upper explosion limit:	No information available	No information available
	Flash point:	No information available	No information available
	Auto-ignition temperature: Decomposition temperature:	No information available	No information available
		No information available	No information available
	pH:	0.85 – 0.9	No information available
	Kinematic viscosity:	No information available	No information available
	Solubility:	No information available	No information available
	Partition coefficient n-octanol/water (log value):	No information available	No information available
	Vapour pressure:	No information available	No information available
	Density and/or relative density:	No information available	No information available
	Relative vapour density:	No information available	No information available
		No information available	No information available

SECTION 10. Stability and reactivity	
10.1 Reactivity:	See subsections 10.3 through 10.5.



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10.2	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using (room temperature).
10.3	Possibility of hazardous reactions:	No dangerous reactions known.
10.4	Conditions to avoid:	No information available
10.5	Incompatible materials:	No information available
10.6	Hazardous decomposition products:	No information available

SECTION 11. Toxic						
11.1 Informatio	n on hazard o	lasses as defined in	Regulat	tion (EC) No 1272	2/2008	
Acute toxic	city:					
Route of exposure:	Method	Species	Dose	LD ₅₀ /LC ₅₀ or ATE _{mix}	Exposure ti	ime Results
Oral:	-	No information available	_		No informatic available	on -
Dermal:	ermal: - No information available				No informatic available	on -
Inhalation:		No information available			No informatic available	on -
Specific ta	rget organ to	xicity – single expos	sure (STC	OT SE):		
	Specific effects			Target o	Note	
Oral:	No informa	tion available	No information available			-
Dermal:	No informa	tion available	١	-		
Inhalation:	No informa	tion available	No information available -			-
:						
Aspiration	hazard:	No	informa	ation available.		
÷						
Irritation a	nd corrosion					
	Expo	osure time	Species	Evaluatio	n Method	Note
Skin corrosion/irritation:	-	-		-	-	-
Serious eye damage/irritation	-	-		-	—	-
Sensitization	on					
Skin sensitization:	-					
Respiratory sensitiz	ation: -					



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Oral exposure: Harmful if sw		Harmful if sw	swallowed.						
Dermal exposure	:	Harmful if ab	absorbed through skin. May cause skin irritation.						
Inhalation expos	ure:	Harmful if inl	nhaled. May cause respiratory tract irritation.						
Eye exposure:		May cause ey	e irritation.						
Repeate	ed dos	e toxicity (sub	acute, subchro	onic, chronic)					
		Dose	Exposure time	Species	Method	Evaluation	Note		
Subacute oral		information lable	No information available	No information available	No information available	No information available	–		
Subacute dermal	No information available		No information available	No information available	No information available	No information available	-		
Subacute inhalation		information lable	No information available	No information available	No information available	No information available	-		
Subchronic oral		information lable	No information available	No information available	No information available	No information available	-		
Subchronic dermal	No avai	information lable	No information available	No information available	No information available	No information available	–		
Subchronic inhalation		information lable	No information available	No information available	No information available	No information available	–		
Chronic oral		information lable	No information available	No information available	No information available	No information available	-		
Chronic dermal		information lable	No information available	No information available	No information available	No information available	-		
Chronic inhalation		information lable	No information available	No information available	No information available	No information available	_		



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Subacut		No information available			No information available	_	
Subacut	te dermal	No information available			No information available	-	
Subacut	te inhalation	No information available	e		No information available	-	
Subchro	onic oral	No information available	е		No information available	-	
Subchro	onic dermal	No information available			No information available	-	
Subchro	onic inhalation	No information available			No information available	_	
Chronic oral		No information available			No information available	-	
Chronic dermal		No information available			No information available	-	
Chronic	inhalation	No information available			No information available	-	
	Carcinogenicity Mutagenicity is Genotoxicity: Mutagenicity is Germ cell muta Reproductive to	n vitro: n vivo: agenicity:	Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.				
11.2.	properties: Information or	n other hazards:		met.			
11.2.1.	Endocrine disru	upting properties:					
	Based on avai	lable data, does not conta uptors.	ain	-			
11.2.2.	Other informat	tions:					
	-						

SECTION 12. Ecologi	SECTION 12. Ecological information								
12.1 Toxicity									
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note			
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-			



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Crustacea:		EC ₅₀	48 hours	No information available	No information available	No informat available		-
Algae/aquatic p	lants	IC ₅₀	4 days	No information available	No information available	No informat available		-
Other organism	S	-	-	-	-	-		_
Chronic (long-to	erm)	Dose	Exposur time	e Species	Method	Evaluat	ion	Note
Fish		LC ₅₀	96 hours	No information available	No information available	No informat available		-
Crustacea: EC ₅₀		EC ₅₀	48 hours	No information available	No information available	No informat available		_
Algae/aquatic plants		IC ₅₀	72 hours	No information available	No information available	No informat available		_
Other organism	S	-	-	-	-	-		-
				_				
12.2 Persist	ence a	nd degradab	oility					
Abiotic	degra	adation				:		
	De	gradation ha	alf-lives	Method	Evaluatio	on		Note
Marine water	No ir	nformation a	vailable	No information available	No information	on -		
Fresh water	No ir	nformation a	vailable	No information available	No information	No information available		
Air	No ir	nformation a	vailable	No information available	No information	No information available		
Soil	No ir	nformation a	vailable	No information available	No information available	on -		
Biodeg	radatio	on						
% Degradation		Time (c	lays)	Method	Evaluatio	on		Note
No information			formation	No information available	No information	on N	No inf	ormation



Value

information

available

No

°C

information

available

No

Adsorption / desorption

Concentration

No information

available

Method

No information

available

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12.3	Bioaccum	ulative potent	ial						
	Octanol-w	vater partition	coefficier	nt (log Kow	/)				
Val	ue Co	ncentration	рН	°C	Method	Evalu	ation	Note	
-	-		-	-	-	-	-		
	Bioconcer	ntration factor	(BCF)						
	Value	Spe			Method	Evaluati	on	Note	
No information No available			nformatio	n No inf availat	ormation ole	No informati available	on -		
	Chronic e	cotoxicity							
	Value		ose	Exposure time	Species	Method	Evaluation	n Note	<u> </u>
Chron	ic toxicity on	fish LC ₅₀	1	o formation ailable	No information available	No information available	No information available	n -	
	ic toxicity on cea (<i>Daphnic</i>	: 1-(o formation ailable	No information available	No information available	No information available	ı -	
12.4	Mobility in	n soil							
			tribution i	n environn	nental compart	ments:			
		nation availabl							
	Surface te	nsion:							



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Transpo	ort	efficient constant	log Kow	Evaporation rate	Method	Note			
Soil-wa	ter No available	information	No information available	No information available	No information available	-			
Water-	air No available	information	No information available	No information available	No information available	-			
Soil-air	No available	information	No information available	No information available	No information available	-			
12.5	Results of PBT ar	nd vPvB asses	ssment						
	Based on availab	le data, the p	product does not c	ontain any PBT or v	PvB substances.				
12.6.	Endocrino dicrus	ting properti							
12.0.	Endocrine disrup		not contain endo	crine disruptors					
	based on availab	ne data, does	not contain chao	criric disruptors.					
12.7.	Other adverse effects								
	No information a	available							
SECTIO	N 13. Disposal co	onsideration	s						
13.1	Waste treatme	nt methods							

13.1.1.	Product/Packa								
	Submit for disp Protection.	oosal to the l	egal person autho	rized by the Ministr	y of Environmental	and Nature			
	. roccedion.								
13.1.2.	Waste codes/w	vaste designa	tions according to	Law:					
		kaging that c	ontains residual ha	azardous substance:	s or is contaminated	d with hazardous			
	substances								
13 1 3	i	nt – relevant	information:						
13.1.3.	Waste treatme		information:						
13.1.3.	i		information:						
13.1.3.	Waste treatme	n available							
	Waste treatme No information Sewage dispos	n available sal – relevant		ge system.					
	Waste treatme No information Sewage dispos	n available sal – relevant	information:	ge system.					



UN proper shipping name: Transport hazard class(es):

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	Do not dispose of the product's remains into the sewage system. Submit the remains to the collecto authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Subrathe packaging to the collectors authorized by the ministry in charge.								
13.1.6.	Relevant Community provisions:								
	-								
SECTIO	N 14 TRAI	NSPORT INFORMAT	ΓΙΟΝ						
	Transport	ing/shipment by roa	d (ADR)	ļ					
UN num	ber:		Not	t subject to transport regu	ılations				
UN prop	er shippin	g name:	-						
Transpo	rt hazard c	lass(es):	-						
Packing	group:		-						
Environr	mentally ha	azardous:	-						
Special p	orecaution	s for user:	-						
	Transport	ing/shipment by rail	(RID)						
UN num	ber:		Not	t subject to transport regu	ılations				
UN prop	er shippin	g name:	-						
Transpo	rt hazard c	:lass(es):	-						
Packing group:		-							
Environmentally hazardous:		-							
Special p	orecaution	s for user:	-						
	Inland wa	terway transport (AD	ON)						
UN num	ber:		Not	t subject to transport requ	ılations				

Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by	sea (IMDG)
UN number:	Not subject to transport regulations
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-



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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	-
Transporting/shipment by air (IC	AO-TI/IATA-DGR)
UN number:	Not subject to transport regulations
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Further information: -	

5.1 Safet	Safety, health and environmental regulations/legislation specific for the substance or mixture					
EU re	egulations					
Auth	orization and/or rest	rictions of use				
Auth	norizations:	-				
Restr	rictions:	-				
Othe	er EU regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/9 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EE and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC; Directive 2004/42/CE of the European Parliament and of the Council of 21 April 200 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products an amending Directive 1999/13/EC; Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safet of workers from the risks related to chemical agents at work; Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 1 December 2008 on classification, labelling and packaging of substances and mixtures amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVIII);				



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Trading name:	ERIOGNOST REAGENT						
Product code:	ERS-OT-X**	Date of compilation: 23 Dec 2022	Version:	3			

	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act	
15.2	Chemical safety assessment		
	None		

SECTIO	ON 16. Other information					
16.1	Indication of changes:	-				
16.2	Abbreviations and acronyms:	ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (UK REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative				
16.3.	Key literature references and source of data:	-				
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)					
Classification		Classification procedure				
-		-				
16.5.	Relevant H statements (numb	er and full text)				
	H: H314	Causes severe skin burns and eye damage.				
	H335	May cause respiratory irritation.				
16.6.	Training advice:	-				
16.7.	Further information:	"X" in the product code marks different volumes (different packagings of the product) We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.				

ANNEX: Exposure scenario resulting to chemical safety assessment



According to Regulation (EC) No. 1907/2006 amended by Regulation (EU) No. 2020/878

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Trading name:	PICRO-SIRIUS RED REAGENT						
Product code:	PSR-OT-X**	Date of compilation:	23 Dec 2022	Version:	3		

SECTI	ON 1: Identification of t	he substance	e/mixture	and of the company/undertaking		
1.1	Product identifier					
	Trading name:	PICRO-SIRI	US RED RE	EAGENT		
	Chemical name:	-				
	Catalogue number:	PSR-OT-X**	f			
1.2	Relevant identified use	es of the subs	tance or m	nixture and uses advised against		
	Uses:		For use	with special staining kits.		
	Uses advised against:		Only the	e identified uses are advised.		
	Reason why uses advis	sed against:	The product is intended for use only as an <i>in vitro</i> dia ed against: medical device, registered at the Agency for Medicin Medical Devices and there is no reason to use it for o			
1.3	Details of the supplier	of the safety	data shee	t		
	Supplier:		BioGnost Ltd.			
	Address:		Medjugorska 59, Zagreb			
	Telephone number:		+385 1 2409997			
	Telefax.:		+385 1 2404039			
	e-mail of competent p	erson:	msds@biognost.hr			
	National contact:		-			
1.4	Emergency telephone	number				
	National Protection an	d Rescue Dire	ectorate:	112		
	Medical information:			-		
	Other information:			-		

SECTIO	SECTION 2. Hazards identification						
2.1	Classification of the substance	Classification of the substance or mixture					
2.1.1	Classification according to Regu	ulation (EC) No 12	272/2008 (CLP)				
	Hazard class and catego	ory code:	Hazard statements*:				
	Not identified as hazardous sub	ostance.	-				
2.1.2.	Additional information						
	-						
*For ful	l text of Hazard- and EU Hazard-	statements: see S	SECTION 16				
2.2	Label elements						
	Product identification:	PICRO-SIRIUS R	RED REAGENT				
	Identification number:	Identification number: -					
	Authorization number:	-					
	Hazard pictograms:	-					



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Trading name:	PICRO-SIRIUS RED REAGENT						
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	Signal word:	-	
	Hazard statements:	-	
	Precautionary statements:	-	
	Supplemetal hazard information (EU):	-	
2.3	Other hazards		
	The product has no other known specific hazards for human or environment.		
	Results of PBT and vPvB assessment: Based on available data, the product does not contain any PBT or vPvB substances.		
	Endocrine disrupting property: Based on available data, does not contain endocrine disruptors.		

SECTION 3. Con	SECTION 3. Composition/information on ingredients					
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)		
2610-10-8/ 220-027-3/ -	-		Hexasodium 7,7'- (carbonyldiimino)bis[4-hydroxy- 3-[[2-sulphonato-4-[(4- sulphonatophenyl)azo]phenyl]azo]naphthalene-2-sulphonate]	Aquatic Chronic 3; H412		
88-89-1/ 201-865-9/ 609-009-00-X	-	< 2 %	picric acid	Expl. 1.1; H201 Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 3; H331		

SECT	SECTION 4. First aid measures				
4.1	Description of first aid measures				
	General notes:	If the suggested first aid measures do not prove sufficient, seek medical attention.			
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. In case of difficult breathing, provide the afflicted person with oxygen.			
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water for at least 20 minutes. Seek medical assistance if the symptoms of irritation remain.			
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open for at least 20 minutes. If the symptoms remain, immediately call in ophthalmologist.			



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Trading name:		PICRO-SIRIUS RED REAGENT		
Product code:	PSR-OT-X**	Date of compilation: 23 Dec 2022	Version:	3

	Following ingestion:	Rinse the mouth thoroughly with 1-2 glasses of water. Immediately consult a physician and show the container or label. In case of swallowing large quantities, transport the afflicted person to the hospital.
	Self-protection of the first aider:	-
4.2	Most important symptoms and eff	fects, both acute and delayed
	Following inhalation:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.
	Following skin contact:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.
	Following eye contact:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.
_	Following ingestion:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.
4.3	Indication of any immediate media	cal attention and special treatment needed
	-	

SECTI	SECTION 5. Firefighting measures				
5.1	Extinguishing media				
	Suitable extinguishing media:	water spray, dry powder, CO2 or alcohol resistant foam			
	Unsuitable extinguishing media:	Water with full jet.			
5.2	Special hazards arising from the su	ubstance or mixture			
	Hazardous combustion products:	no information available			
5.3	Advice for firefighters				
	Use a self-contained open-circuit o	compressed air breathing apparatus and fireproof clothing.			
5.4	Additional information				
	Cool endangered receptacles with contaminate the environment with	water spray. Collect contaminated firefighting water separately. Do not extinguishing media.			

SECTION 6. Accidental release measures				
6.1	Personal precautions, protective	Personal precautions, protective equipment and emergency procedures		
6.1.1.	For non-emergency personnel	For non-emergency personnel		
	Protective equipment:	Use personal protective equipment (see Section 8).		
	Accident prevention methods:	Evacuate members of all non-essential personnel and those members without protective equipment. Avoid breathing vapors and avoid contact with skin and eyes. Do not smoke.		
	Emergency procedures:	ncy procedures: Mark the area using proper signs.		
6.1.2.	For emergency responders:			



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Trading name:		PICRO-SIRIUS RED REAGENT			
Product code: PSR-OT-X**		Date of compilation:	23 Dec 2022	Version:	3

	Use protective equipment; in case of inadequate ventilation use adequate airways protective equipment (see Section 8).		
6.2	Environmental precautions:		
	Do not dispose of in sewage, Protection and Rescue Directo	drainage system and waterways. In case of large spillage contact National orate (NPRD) on 112.	
6.3	Methods and material for con	ntainment and cleaning up	
6.3.1.	Bunding, covering of drains; capping procedures:	Sand protective barrier or barriers made of similar materials.	
6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using absorbing material. Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and involved materials with water.	
6.3.3.	Other information:	Secure proper ventilation. Do not use incompatible materials (see Section 10).	
6.4	Reference to other sections		
	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.		

SECTIO	ON 7. Handling and storage			
7.1	Precautions for safe handling			
7.1.1.	Protection measures			
	Measures to prevent fire:	away from sour	ilated storage rooms. Keep ces of ignition and heat. Do at cause sparks. Do not	
	Measures to prevent aerosol and dust generation	Secure proper v	entilation.	
	Measures to protect the environment:	Prevent spilling and waterways.	into the sewage system	
	Other measures:	Protect against	electrostatic charges.	
7.1.2.	Advice on general occupational hygiene:			
	Do not eat, drink or smoke in the workspace. The	oughly wash hands after wo	rk and before eating.	
7.2	Conditions for safe storage, including any incom	atibilities		
	Technical measures and storage conditions:	well ventilated storage room	ightly closed and upright set containers in a ilated storage rooms at temperatures ranging to 25 °C. Protect from heat and direct sunlight.	
	Packaging materials:	Manufacturer's original pac	kaging.	



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Trading name:		PICRO-SIRIUS RED	REAGENT		
Product code:	PSR-OT-X**	Date of compilation:	23 Dec 2022	Version:	3

	Requirements for storage rooms and vessels:		Keep away from food and drink. Keep the containers tightly closed.
	Advices for storage equipment: Further information on storage conditions:		The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.
			Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 10).
7.3	Specific end use(s)		
	Recommendations:	-	
	Industrial sector specific solutions:	-	

CECTION O France		- l - /							
8.1 Control pa		ois/perso	mai prot	ection					
Substance	Substance CA				pational exposure limit es/short term values		Bi	Biological limit values	
				рр	m	n	ng/m³		
-			-	-			-		-
	1								
Substance name:	-	1	:						
EC No:	-	CAS No	: -						
DNEL	DNEL								
Industrial									
Route of	Acı	ıte	A	cute		Ch	ronic		Chronic
exposure:	effect	local	effect	systemic	6	effe	ct local		effect systemic
Oral	-		-		-			-	
Inhalation	-		-		-			-	
Dermal	1		-		-			-	
Critical physical par	rameters: s	olubility,	flammab	ility, corros	sivity:		-		
				Cons	ımer				
Route of	Acı	ute	А	cute		Ch	ronic		Chronic
exposure:	effect	local	effect	systemic	6	effe	ct local		effect systemic
Oral	-		-		-			-	
Inhalation	-		-		-			-	
Dermal	-		-		-			-	
PNEC									



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Trading name:		PICRO-SIRIUS RED REAGENT	•		
Product code:	PSR-OT-X**	Date of compilation: 23 Dec 20)22	Version:	3

Product	Code. PSN-OT-X Date	of Compilation. 23 Dec 2022 Version. 3					
Environm	nental protection target	PNEC					
Fresh wa	ter	no information available					
Freshwat	er sediments	no information available					
Marine w	<i>v</i> ater	no information available					
Marine se	ediments	no information available					
Food cha	ain	no information available					
Microorganisms in sewage treatment		no information available					
Soil (agri	cultural)	no information available					
Air		no information available					
8.2	Exposure controls						
8.2.1.	Appropriate engineering controls						
	Substance/mixture related measures to prevent exposure during identified uses:	Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the					

	I To the state of	
8.2.1.	Appropriate engineering controls	
	Substance/mixture related measures prevent exposure during identified us	nrotective equipment 1)0 not est drink or smoke in the
	Structural measures to prevent exposure:	In accordance with Section 7.
	Organisational measures to prevent exposure:	Organization of work in order to reduce other worker's influence during work process.
	Technical measures to prevent exposi	Secure proper workspace ventilation in order to keep ure: concentration levels in air below permitted levels. Secure stations for rinsing eyes and showering.
8.2.2.	Personal protection equipment	
8.2.2.1.	Eye and face protection: lev	rfety glasses that stick to face (EN 166) or visor in case of lower wels of concentration in air; protective gas mask that covers the atire face in case of higher levels of concentration in air.
8.2.2.2.	Skin protection	
		ne protective gloves have to satisfy the specification of egulation (EU) 2016/425 and the related standard EN 374. Glove material: nitrile rubber Glove thickness: 0.40 mm Time until perforation: > 480 min
	Other skin protection: en	uring every day work use cotton clothing (EN 340) and suitable otwear, such as rubber boots (EN 20345) or shoes that cover the stire foot. In case of spilling hazard, use clothing made of apermeable material suitable for protection from liquid chemicals iton, PVC, himex) and footwear made from the same material.



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Trading name:	PICRO-SIRIUS RED REAGENT						
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8.2.2.3.	Respiratory protection:	Protective full face mask (EN 136) or half mask (EN 140) equipped with a filter for organic vapors, type "A" (boiling point >65°C) according to EN 14387) used when concentration levels exceed GVI.
8.2.2.4.	Thermal hazards:	No information available
8.2.3.	Environmental exposure controls	
	Substance/mixture related measures to prevent exposure:	See Section 6
	Structural measures to prevent exposure:	Use modern equipment.
	Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of the workplace.
	Technical measures to prevent exposure:	See Section 6

Information on basic physical and	chemical properties	
	Value	Method
Physical state:	liquid	No information available
Colour:	Red brown	No information available
Odour/odour threshold:	No information available/no information available	No information available
Melting point / freezing point:	No information available	No information available
Boiling point or initial boiling point and boiling range:	No information available	potentiometric measurement
Flammability:	No information available	No information available
Lover and upper explosion limit:	No information available	No information available
Flash point:	No information available	No information available
Auto-ignition temperature:	No information available	No information available
Decomposition temperature:	No information available	No information available
pH:	0.85 – 0.9	No information available
Kinematic viscosity:	No information available	No information available
Solubility:	No information available	No information available
Partition coefficient n- octanol/water (log value):	No information available	No information available
Vapour pressure:	No information available	No information available
Density and/or relative density:	No information available	No information available
Relative vapour density:	No information available	No information available



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	Particle characteristics:	No information available	No information available
9.2	Other information		
	-		

SECTIO	SECTION 10. Stability and reactivity			
10.1	Reactivity:	See subsections 10.3 through 10.5.		
10.2	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using (room temperature).		
10.3	Possibility of hazardous reactions:	No dangerous reactions known.		
10.4	Conditions to avoid:	No information available		
10.5	Incompatible materials:	No information available		
10.6	Hazardous decomposition products:	No information available		

SECTION 11. To	xicological info	rmation					
11.1 Informa	tion on hazard o	lasses as defined i	n Regula	ation (EC) No 12	72/2008		
Acute to	oxicity:						
Route of exposure:	Method	Species	Dos	e LD ₅₀ /LC ₅₀ or ATE _{mix}	Exposure t	ime	Results
Oral:	-	No information available		-	No information	on	-
Dermal:	-	No information available		-	No information	on	-
Inhalation:	-	No information available		-	No information	on	-
Specific		xicity – single expo	sure (ST		organ		Note
Oneli		•	Target organ				note
Oral:		tion available	TWO III OF I WAILANCE			-	
Dermal:		tion available		No information		-	
Inhalation:	No informa	tion available		No information	available	-	
Aspiration	on hazard:	N	o inform	ation available.			
Irritation	n and corrosion						
	Ехро	sure time	Specie	es Evaluat	ion Method	1	Note
Skin corrosion/irritatio	on:	-		-	-	-	



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					·	
Serious eye					_	_
damage/irritation	- -	•	-	_	-	-
Sensitization						
Skin sensitization:	-					
Respiratory sensitizati	on: -					
	<u> </u>					
Symptoms re	elated to the pl	hysical, chemi	cal and toxicolo	gical characteri	istics	
Oral exposure:	Harmful if sv			<u> </u>		
Dermal exposure:	Harmful if al	osorbed throu	ıgh skin. May ca	use skin irritati	on.	
Inhalation exposure:			use respiratory			
Eye exposure:	May cause e	-				
Еус схрозите.	iviay cause c	ye iiritation.				
Repeated do	se toxicity (sub	pacute, subchi	ronic, chronic)			
	Dose	Exposure time	Species	Method	Evaluatio	n Note
		Na	Na	Nia	Na	

No No No No No information information information Subacute oral information information available available available available available No No No No Subacute No information information information information information dermal available available available available available No No No No Subacute No information information information information information inhalation available available available available available No No No No No information Subchronic oral information information information information available available available available available No No No No Subchronic No information information information information information dermal available available available available available No No No No No information Subchronic information information information information inhalation available available available available available No No No No No information Chronic oral information information information information available available available available available No No No No No information Chronic dermal information information information information available available available available available



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Trading name:		PICRO-SIRIUS RED	REAGENT		
Product code:	PSR-OT-X**	Date of compilation:	23 Dec 2022	Version:	3

Chronic inhalatic		No information available	No information available	No information available	No information available	No information available	on -	
	Specific ta	arget organ toxicit	y – repeated e	xposure (STOT	RE):			
	Specific effe		cts	Target o	rgan	Note		
Subacut	•		tion available		No information available		-	
Subacut	te dermal No information available			No information available		-		
Subacut	e inhalatio	n No informa	tion available		No information	n available	-	
Subchro	nic oral	No informa	tion available		No information	n available	-	
Subchro	nic dermal	No informa	tion available		No information	n available	-	
Subchro	nic inhalat	ion No informa	tion available		No information	n available	-	
Chronic	oral	No informa	tion available		No information	n available	-	
Chronic	dermal	No informa	tion available		No information	n available	-	
Chronic	inhalation	No informa	tion available		No information	n available	-	
	Carcinoge Mutageni Genotoxio	city <i>in vitro</i> :		Based on avail Based on avail Based on avail	able data, the cla able data, the cla able data, the cla	ssification c	riteria are not met. riteria are not met. riteria are not met.	
	-	mutagenicity:		Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.				
		tive toxicity:		Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.				
	Summary	of evaluation	of the CN				on criteria are not	
11.2.	Information	on on other hazard	ds:					
11.2.1.	Endocrine	disrupting prope	rties:					
		available data, d disruptors.	oes not conta	ain -				
11.2.2.	Other info	ormations:						
	_							

SECTION 12. Eco	logical information
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12.1 Toxicity



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Trading name:		PICRO-SIRIUS RED	REAGENT		
Product code:	PSR-OT-X**	Date of compilation:	23 Dec 2022	Version:	3

Product code:	: P	SR-OT-X**		Date of compila	tion: 23 De	ec 2022	Version:

Acute (short-te toxicity	rm)	Dose	Exposure time	Species	Method	Evaluation	Note
Fish		LC ₅₀	96 hours	No information available	No information available	No information available	-
Crustacea:		EC ₅₀	48 hours	No information available	No information available	No information available	-
Algae/aquatic μ	olants	IC ₅₀	4 days	No information available	No information available	No information available	-
Other organism	าร	-	-	-	-	-	-
Chronic (long-t	erm)	Dose	Exposure time	Species	Method	Evaluation	Note
Fish		LC ₅₀	96 hours	No information available	No information available	No information available	-
Crustacea:		EC ₅₀	48 hours	No information available	No information available	No information available	-
Algae/aquatic plants		ic plants IC ₅₀ 7	72 hours	No information available	No information available	No information available	-
Other organism	าร	-	-	-	-	-	-
12.2 Persist	tence a	nd degrada	bility				
Abioti	c degra	adation					
	De	gradation h	alf-lives	Method	Evaluati	ion	Note
Marine water	No ir	nformation a	available	No information available	No informati available	on -	
Fresh water	No ir	nformation a	available	No information available	No informati available	on -	
Air	No ir	nformation a	available	No information	No informati	on -	

	Degradation haif-lives	Method	Evaluation	Note
Marine water	No information available	No information available	No information available	-
Fresh water	No information available	No information available	No information available	-
Air	No information available	No information available	No information available	-
Soil	No information available	No information available	No information available	-
Biode	gradation			
% Degradati	on Time (days)	Method	Evaluation	Note



Trading name:

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No info availabl	rmation e	No avai	No information available		No intavaila	formation ble		No ir availa	nformation able	1	No inf availat	ormation ble	
12.3	Bioaccumulative potential												
	Octanol-w	ater pa	rtition co	efficient (log Kow	v)							
Valu	e Co	ncentra	ition	рН	°C	Me	ethod		Evalua	ation		Note	
-	_		-	-	-	-			-		_		
	i .			:	:								
	Bioconcer	tration	factor (B	CF)									
V	alue		Specie	S		Method	<u> </u>		Evaluation	on		Note	
No info	rmation	No		ormation	No inf	ormatic	n	No	information	on			
availabl	е	availa	ble		availal	ole		ava	ilable		-		
	:												
	Chronic ed	cotoxici	ty	·····									
	Value		Dose	3 :	osure ime	Spe	ecies	N	1ethod	Evalu	ıation	Note	
				No		No		No		No			
Chronic	toxicity on	fish	LC ₅₀		mation		mation		ormation	inform	ation	-	
				avail	able	availa	ble	ava	ilable	availak	ole		
Chronic	toxicity on		F.C	No		No		No		No · · ·	- 4 !		
crustace	ea (<i>Daphnia</i>	1)	EC ₅₀	avail	mation able	availa	mation able		ormation ilable	inform availab		-	
								1					
12.4	Mobility in	n soil											
	Known or	predict	ed distrib	oution in e	environr	nental c	compart	ment	ts:				
	No inform	ation a	vailable										
	Surface te	nsion:											
	Value		°C	С	oncentr	ation		Мє	ethod			Note	
	No informatio available		o formatioi vailable	n i	informa ailable	ation	No inf availal		ation	_			



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	Adsorption / de	esorption				
Transpor	t i	oefficient s constant	log Kow	Evaporation rate	Method	Note
Soil-wate	r No available	information	No informati on available	No information available	No information available	-
Water-aiı	No available	information	No informati on available	No information available	No information available	-
Soil-air	No available	information	No informati on available	No information available	No information available	-
125	Results of PRT a	and vPvR acces	ssment			
	Results of PBT a			s not contain any PRT or	vPvB substances	
				s not contain any PBT or	vPvB substances.	
				s not contain any PBT or	vPvB substances.	
		ble data, the p	oroduct doe	s not contain any PBT or	vPvB substances.	
12.6.	Based on availa Endocrine disru	ble data, the p	oroduct doe	s not contain any PBT or	vPvB substances.	
12.6.	Based on availa Endocrine disru	ble data, the p	oroduct doe	,	vPvB substances.	
12.6.	Based on availa Endocrine disru	ble data, the posting propertions ble data, does	oroduct doe	,	vPvB substances.	
12.6.	Based on availa Endocrine disru Based on availa	pting propertible data, does	oroduct doe	,	vPvB substances.	
12.6.	Based on availa Endocrine disru Based on availa Other adverse e	pting propertible data, does	oroduct doe	,	vPvB substances.	
12.6.	Based on availa Endocrine disru Based on availa Other adverse e	pting propertible data, does	roduct doe ies not contair	,	vPvB substances.	
12.6.	Based on availa Endocrine disru Based on availa Other adverse e	pting propertible data, does effects available	roduct doe ies not contair	,	vPvB substances.	
12.6. 12.7.	Endocrine disru Based on availa Other adverse e No information	pting propertible data, does effects available	roduct doe ies not contair	,	vPvB substances.	
12.6. 12.7. SECTION 13.1	Endocrine disru Based on availa Other adverse e No information 1 13. Disposal o Waste treatm	pting propertible data, does effects available	roduct doe	,	vPvB substances.	
12.6. 12.7.	Endocrine disru Based on availa Other adverse e No information 1 13. Disposal o Waste treatm	pting propertible data, does effects available consideration ent methods	roduct doe lies not contair	,		and Nature
12.6. 12.7. SECTION 13.1	Endocrine disru Based on availa Other adverse e No information I 13. Disposal c Waste treatm Product/Packe Submit for dis Protection.	pting propertible data, does effects available consideration ent methods	ies not contair s l: egal person	authorized by the Minis		and Nature



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13.1.3.	Waste treatment – relevant information:					
	No information available					
13.1.4.	Sewage disposal – relevant in	nformation:				
	Waste must not be disposed of into the sewage system.					
13.1.5.	Other disposal recommendations:					
	Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge.					
13.1.6.	Relevant Community provision	ons:				
	-					
SECTION	14 TRANSPORT INFORMATI	ION				
-	Transporting/shipment by road	I (ADR)				
UN numb	per:	Not subject to transport regulations				
UN prope	er shipping name:	-				
Transport	t hazard class(es):	-				
Packing g	group:	-				
Environm	entally hazardous:	-				
Special p	recautions for user:	-				
-	Transporting/shipment by rail (RID)				
UN numb	per:	Not subject to transport regulations				
UN prope	er shipping name:	-				
Transport	t hazard class(es):	-				
Packing g	group:	-				
Environm	entally hazardous:	-				
Special p	recautions for user:	-				
I	nland waterway transport (ADI	N)				
UN numb	oer:	Not subject to transport regulations				
UN prope	er shipping name:	-				
Transport	t hazard class(es):	-				
Packing g	group:	-				
Environm	entally hazardous:	-				
Special p	recautions for user:	-				
-	Transporting/shipment by sea ((IMDG)				



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UN number:	Not subject to transport regulations
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	-
Transporting/shipment by air (IC.	AO-TI/IATA-DGR)
UN number:	Not subject to transport regulations
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Further information: -	

SECTIO	TION 15. Regulatory information						
15.1	Safety, health and e	Safety, health and environmental regulations/legislation specific for the substance or mixture					
	EU regulations	EU regulations					
	Authorization and/o	r restrictions of use					
2	Authorizations:	-					
	Restrictions:	-					



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		18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive
		1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC;
		Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC;
	Other EU regulations:	Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work;
		Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006;
		COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
		REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);
	Information according guideline)	1999/13/EC about limitation of emissions of volatile organic compounds (VOC-
	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act
15.2	Chemical safety assessr	ment
	None	

SECTIO	SECTION 16. Other information				
16.1	Indication of changes:	-			
16.2	Abbreviations and acronyms:	ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (UK REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative			



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16.3.		literature references and rce of data:	-
16.4.		ssification and procedure 2/2008 (CLP)	used to derive the classification for mixture according to Regulation (EC)
Classifi	catior	1	Classification procedure
-			-
16.5.	Rele	evant H statements (num	ber and full text)
	201 H: 301 311 331		Explosive; mass explosion hazard. Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled.
16.6.	Trai	ning advice:	Harmful to aquatic life with long lasting effects.
16.7.			** "X" in the product code marks different volumes (different packagings of the product) We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.

ANNEX: Exposure scenario resulting to chemical safety assessment	



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Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3	

SECTI	ON 1: Identification of t	the substance	e/mixture	and of the company/undertaking	
1.1	Product identifier				
	Trading name:	ACETIC ACI	D, 0.5% S0	DLUTION	
	Chemical name:	-			
	Catalogue number:	OK05-OT-X	* **		
1.2	Relevant identified use	es of the subs	tance or n	nixture and uses advised against	
	Uses:		For use	with special staining kits.	
	Uses advised against:		Only the	e identified uses are advised.	
	Reason why uses advis	sed against:	The product is intended for use only as an <i>in vitro</i> diagnostic against: medical device, registered at the Agency for Medicinal Produ Medical Devices and there is no reason to use it for other pure		
1.3	Details of the supplier	of the safety	data shee	t	
	Supplier:		BioGnost Ltd.		
	Address:		Medjugorska 59, Zagreb +385 1 2409997 +385 1 2404039 msds@biognost.hr		
	Telephone number:				
	Telefax.:				
	e-mail of competent p	erson:			
	National contact:		-		
1.4	Emergency telephone	number			
	National Protection ar	nd Rescue Dire	ectorate:	112	
	Medical information:			-	
	Other information:			-	

SECTIO	SECTION 2. Hazards identification						
2.1	Classification of the substance or mixture						
2.1.1	Classification according to Regu	ulation (EC) No 12	272/2008 (CLP)				
	Hazard class and catego	ory code:		Hazard statements*:			
	Not identified as hazardous sub	ostance.	-				
2.1.2.	Additional information						
	_						
*For ful	I text of Hazard- and EU Hazard-	statements: see S	ECTION 16				
2.2	Label elements						
	Product identification:	ACETIC ACID, 0.	5% SOLUTION				
	Identification number: -						
	Authorization number: -						
	Hazard pictograms:	-					



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	Signal word:	-		
	Hazard statements:	-		
	Precautionary statements:	-		
	Supplemetal hazard information (EU):	-		
2.3	Other hazards			
	The product has no other known specific hazards for human or environment.			
	Results of PBT and vPvB assessment: Based on available data, the product does not contain any PBT or vPvB substances.			
	Endocrine disrupting property: Based on available data, does not contain endocrine disruptors.			

SECTION 3. Composition/information on ingredients				
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
64-19-7/ 200-580-7/ 607-002-00-6	-	0.5%	acetic acid, glacial 99%	Flam. Liq. 3; H226 Skin Corr. 1A; H314

4.1	Description of first aid measures		
	General notes:	If the suggested first aid measures do not prove sufficient, seek medical attention.	
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. In case of difficult breathing, provide the afflicted person with oxygen.	
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water for at least 20 minutes. Seek medical assistance if the symptoms of irritation remain.	
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open for at least 20 minutes. If the symptoms remain, immediately call in ophthalmologist.	
	Following ingestion:	Rinse the mouth thoroughly with 1-2 glasses of water. Immediately consult a physician and show the container or label. In case of swallowing large quantities, transport the afflicted person to the hospital.	
	Self-protection of the first aider:	-	



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	Following inhalation:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.	
Following skin contact: Following eye contact:		According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.	
		According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.	
	Following ingestion:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.	
4.3	Indication of any immediate medical attention and special treatment needed		
	-		

SECTION	SECTION 5. Firefighting measures					
5.1	Extinguishing media					
	Suitable extinguishing media:	water spray, dry powder, CO2 or alcohol resistant foam				
	Unsuitable extinguishing media: Water with full jet.					
5.2	Special hazards arising from the substance or mixture					
	Hazardous combustion products:	no information available				
5.3	Advice for firefighters					
	Use a self-contained open-circuit co	ompressed air breathing apparatus and fireproof clothing.				
5.4	Additional information					
	Cool endangered receptacles with water spray. Collect contaminated firefighting water separately. Do not contaminate the environment with extinguishing media.					

SECTIO	SECTION 6. Accidental release measures					
6.1	Personal precautions, protective equipment and emergency procedures					
6.1.1.	For non-emergency personnel					
	Protective equipment: Use personal protective equipment (see Section 8).					
	Accident prevention methods: Evacuate members of all non-essential personnel and those mem without protective equipment. Avoid breathing vapors and avoid cor with skin and eyes. Do not smoke.					
	Emergency procedures:	Mark the area using proper signs.				
6.1.2.	For emergency responders:					
	Use protective equipment; in ca (see Section 8).	se of inadequate ventilation use adequate airways protective equipment				
6.2	Environmental precautions:					
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.					
6.3	Methods and material for conta	inment and cleaning up				



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6.3.1.	Bunding, covering of drains; capping procedures:	Sand protective barrier or barriers made of similar materials.			
6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using absorbing material. Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and involved materials with water.			
6.3.3.	Other information:	Secure proper ventilation. Do not use incompatible materials (see Section 10).			
6.4	Reference to other sections				
	See Section 7 for information on safe handling.				
	See Section 8 for information on personal protection equipment.				
	See Section 13 for disposal information.				

SECTIO	ON 7. Handling and storage				
7.1	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:		Use in well ventilated storage rooms. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.		
	Measures to prevent aerosol and dust generation	n:	Secure proper ventilation.		
	Measures to protect the environment:		Prevent spilling into the sewage system and waterways.		
	Other measures:		Protect against electrostatic charges.		
7.1.2.	Advice on general occupational hygiene:				
	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating				
7.2	Conditions for safe storage, including any incom	patibilities			
	Technical measures and storage conditions:	Keep in tightly closed and upright set containers in a well ventilated storage rooms at temperatures ranging from 15 to 25 °C. Protect from heat and direct sunlight			
	Packaging materials:	Manufactu	Manufacturer's original packaging.		
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.			
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.			



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		Do not place	the unused materia	al in the storage r	oom.

	Further information on storage conditions	S:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 10).
7.3	Specific end use(s)		
	Recommendations:	-	
	Industrial sector specific solutions:	-	

SECTIO	ON 8. Exposi	ure contro	ols/perso	nal pr	otectio	on				
8.1	Control pa		- 1							
	Substance	e CAS					cupational exposure limit alues/short term values		Biol	ogical limit values
				рр	m	mg/m³				
Acetic			10/	/20	25/50		-			
Substa	ince name:	-								
EC No:	:	-	CAS No):	-					
DNEL		1	<u> </u>		<u> </u>					
						Indu	strial			
Route	of	Acı	ıte		Acute			Chronic		Chronic
expos	ure:	effect	ocal effect sy		ct syste	emic	mic effect local			effect systemic
Oral		-		-			-		-	
Inhalat	tion	-		-			-		-	
Derma	ıl	-		-			-		-	
Critical	l physical par	ameters: s	olubility,	flamm	ability,	corro	sivity:	-		
						Cons	umer			
Route	of	Acı	ute		Acute		Chronic			Chronic
expos	ure:	effect	local	effe	ct syste	emic	effect local			effect systemic
Oral		-		-			-		-	
Inhalat	tion	-		-			-		-	
Derma	ıl	-		-			-		-	
PNEC										
Environmental protection target			Р	PNEC						
Fresh water			ne	no information available						
Freshwater sediments				n	no information available					
Marine	e water					n	no information available			
Marine	e sediments					ne	no information available			



Food chain

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no information available

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Substance/mixture related measures to prevent exposure:	See Se	ction 6	
. Environmental exposure controls			
.4. Thermal hazards:		ormation available	
.3. Respiratory protection:	Protective full face mask (EN 136) or half mask (EN 140) equipped with a filter for organic vapors, type "A" (boiling point >65°C) acording to EN 14387) used when concentration levels exceed GVI.		
Other skin protection:	During every day work use cotton clothing (EN 340) and suitable footwear, such as rubber boots (EN 20345) or shoes that cover the entire foot. In case of spilling hazard, use clothing made of impermeable material suitable for protection from liquid chemical (Viton, PVC, himex) and footwear made from the same material.		
Hand protection:		otective gloves have to satisfy the specification of action (EU) 2016/425 and the related standard EN 374. Glove material: nitrile rubber Glove thickness: 0.40 mm Time until perforation: > 480 min	
.2. Skin protection			
.1. Eye and face protection:	levels o	glasses that stick to face (EN 166) or visor in case of lower of concentration in air; protective gas mask that covers the face in case of higher levels of concentration in air.	
. Personal protection equipment	ent		
Technical measures to prevent ex	rposure:	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels. Secure stations for rinsing eyes and showering.	
Organisational measures to preve exposure:	ent	Organization of work in order to reduce other worker's influence during work process.	
Structural measures to prevent exposure:		In accordance with Section 7.	
Substance/mixture related measure prevent exposure during identified		Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace.	
. Appropriate engineering controls	S		
Exposure controls			
(25.104.14.4)		no information available	
_		no information available no information available	
oorganisms in sewag (agricultural)	e treatment		



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Structural measures to prevent exposure:	Use modern equipment.
Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of the workplace.
Technical measures to prevent exposure:	See Section 6

	Information on basic physical and	chemical properties	
		Value	Method
	Physical state:	liquid	No information available
	Colour:	colourless	No information available
	Odour/odour threshold:	mild acetic acid like/no information available	No information available
	Melting point / freezing point:	No information available	No information available
	Boiling point or initial boiling point and boiling range:	No information available	potentiometric measurement
	Flammability:	No information available	No information available
	Lover and upper explosion limit:	No information available	No information available
	Flash point:	No information available	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	рН:	0.85 – 0.9	No information available
	Kinematic viscosity:	No information available	No information available
	Solubility:	No information available	No information available
	Partition coefficient noctanol/water (log value):	No information available	No information available
	Vapour pressure:	No information available	No information available
	Density and/or relative density:	No information available	No information available
	Relative vapour density:	No information available	No information available
	Particle characteristics:	No information available	No information available
.2	Other information		

SECTION 10. Stability and reactivity	
10.1 Reactivity:	See subsections 10.3 through 10.5.



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10.2	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using (room temperature).
10.3	Possibility of hazardous reactions:	No dangerous reactions known.
10.4	Conditions to avoid:	No information available
10.5	Incompatible materials:	No information available
10.6	Hazardous decomposition products:	No information available

11.1 Informati	on on hazard	classes as defined in	n Regulation (EC) No 1272/	/2008	
Acute to	cicity:					
Route of exposure:	Method	Species	Dose LD ₅₀		Exposure tim	ne Results
Oral:	-	No information available	-		lo information vailable	-
Dermal:	-	No information available	-		lo information vailable	-
Inhalation:	-	No information available	-		lo information vailable	-
Specific t		xicity – single expos	sure (STOT SE			Niete
Oralı	Specific effects No information available		Target organ No information available			Note
Oral:		tion available	No information available - No information available -			
Dermal:			No information available			
Inhalation:	ino intorma	tion available	INO IN	iormation ava	aliable	-
Aspiratio	n hazard:	No	information	available.		
ļ		:				
Irritation	and corrosion					
	Expo	osure time	Species	Evaluation	Method	Note
Skin corrosion/irritatio	n: -	-		-	-	-
Serious eye damage/irritation	-	-		-	-	_
Sensitiza						
Skin sensitization:	-					



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Oral exposure:		Harmful if sw	allowed.				
Dermal exposure):	Harmful if ab	sorbed throug	h skin. May cau	ıse skin irritation	•	
Inhalation expos	ure:	Harmful if inl	haled. May cau	ise respiratory t	ract irritation.		
Eye exposure:		May cause ey	ye irritation.				
Repeate	ed dos	se toxicity (sub	acute, subchro	onic, chronic)			
		Dose	Exposure time	Species	Method	Evaluation	Note
Subacute oral	No avai	information lable	No information available	No information available	No information available	No information available	–
Subacute dermal		information lable	No information available	No information available	No information available	No information available	-
Subacute inhalation	No information available		No information available	No information available	No information available	No information available	-
Subchronic oral	No information available		No information available	No information available	No information available	No information available	-
Subchronic dermal	No information available		No information available	No information available	No information available	No information available	_
Subchronic inhalation		information lable	No information available	No information available	No information available	No information available	-
Chronic oral		information lable	No information available	No information available	No information available	No information available	_
Chronic dermal	No information available		No information available	No information available	No information available	No information available	-
Chronic inhalation		information lable	No information available	No information available	No information available	No information available	-



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Subacut	e oral	No information available			No information available	_	
Subacut	e dermal	No information available		No information available		-	
Subacut	ite inhalation No information available				No information available	-	
Subchro	nic oral	No information available			No information available	-	
Subchro	nic dermal	No information available			No information available	-	
Subchro	nic inhalation	No information available			No information available	-	
Chronic	oral	No information available			No information available	-	
Chronic	dermal	No information available			No information available	_	
Chronic	inhalation	No information available			No information available	-	
	CMR effects (ca	arcinogenicity; mutagenicit	y; re	productive t	oxicity)		
	Carcinogenicity	<i>/</i> :	Based on available data, the classification criteria are not met.				
	Mutagenicity in	า vitro:	Based on available data, the classification criteria are not met.				
	Genotoxicity:		Based on available data, the classification criteria are not met.				
	Mutagenicity <i>ii</i>	ı vivo:	Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.				
	Germ cell muta	genicity:					
	Reproductive t	oxicity:	Based on available data, the classification criteria are not met.				
	Summary of properties:	evaluation of the CI	MR	Based on a met.	vailable data, the classificat	ion criteria are not	
11.2.	Information on	other hazards:					
11.2.1.	Endocrine disru	upting properties:					
	Based on available data, does not contain endocrine disruptors.						
11.2.2.	Other informat	ions:					
	-						

SECTION 12. Ecological information								
12.1 Toxicity								
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note		
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-		



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Crustacea:		EC ₅₀	48 hours	No information available	No information available	No informat available		-
Algae/aquatic p	lants	IC ₅₀	4 days	No information available	No information available	No informat available		-
Other organism	S	-	-	-	-	-		_
Chronic (long-to	erm)	Dose	Exposur time	e Species	Method	Evaluat	ion	Note
Fish		LC ₅₀	96 hours	No information available	No information available	No informat available		-
Crustacea:		EC ₅₀	48 hours	No information available	No information available	No informat available		_
Algae/aquatic p	lants	IC ₅₀	72 hours	No information available	No information available	No informat available		_
Other organism	S	-	-	-	-	-		-
				_				
12.2 Persist	ence a	nd degradab	oility					
Abiotic	degra	adation				:		
	De	gradation ha	alf-lives	Method	Evaluatio	on		Note
Marine water	No ir	nformation a	vailable	No information available	No information	No information - available		
Fresh water	No ir	nformation a	vailable	No information available	No information	No information _ available		
Air	No ir	nformation a	vailable	No information available	No information	No information available		
Soil	No information available		No information available	No information available	No information - available			
Biodeg	radatio	on						
% Degradation		Time (c	lays)	Method	Evaluatio	on		Note
No information available available		No information available	No information	on N	No inf	ormation		



Adsorption / desorption

SAFETY DATA SHEET

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12.3	Bioaccum											
	-		artition coeff						.•			
Valu		oncentra	<u> </u>	Н	°C	Method	d	Evalua	ation		Note	
_	-		-		-	_		-		-		
	Bioconce	ntration	factor (BCF))								
\	/alue		Species		ſ	Method	2 2 3 4 4 5 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Evaluatio	on .		Note	
No info	ormation	No	inform	nation	No info	ormation		No information	on			
availab	le	availa	able		availab	le	í	available		-		
							1 1 2 2 3 4 4 4 4 4 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8					
	Chronic e	cotoxici	ity	F								
	Value		Dose		oosure ime	Species		Method	Evalu	ation	Note	
				No		No		No	No			
Chronic	c toxicity or	ı fish	LC ₅₀	infor availa	mation	information available		information available	informa availab		-	
				No	abie	No		No	No	ie		
	c toxicity or		EC ₅₀		mation	information		information	inform	ation	-	
Crustac	ea (Daphni	<u>u)</u>		availa	able	available	á	available	availab	le		
12.4	Mobility i											
		·····	ted distribut	on in e	environm	nental comp	artm	ents:				
	No inform		ıvaılable									
	Surface to Value		°C		oncentra	ntion.		Method			Note	
	No	N						Metriou			note	
	informati		nformation		informa ailable		infor ilable	rmation	-			
	available	a۱	vailable	ava	illable	ava	mable	-				



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Transport A/D coefficient Henry's constant		log Kow	Evaporation rate	Method	Note	
Soil-wa	ter Available	No informati on available	No information available	No information available	-	
Water-a	air No information available	No informati on available	No information available	No information available	-	
Soil-air	No information available	No informati on available	No information available	No information available	-	
12.5	Results of PBT and vPvB asse Based on available data, the		s not contain any PBT or	vPvB substances		
	based on available data, the	product doc	3 Hot contain any 1 51 of	vi va saastanees.		
12.6.	Endocrino dicrupting proper	tios				
12.0.	Endocrine disrupting proper Based on available data, doe		a and acrina disruptors			
	based off available data, doe	S HOL COITIAII	r endocrine disruptors.			
12.7.	Other adverse effects					
12.7.	No information available					
	140 IIIIOIIIIatioii available					
SECTIO	N 13. Disposal consideration	ns				
13.1	Waste treatment methods	<u></u>				
13.1.1.	Product/Packaging dispose	al:				
	Submit for disposal to the legal person authorized by the Ministry of Environmental and Nature Protection.					
13.1.2.	. Waste codes/waste designations according to Law:					
	15 01 10*: Packaging that contains residual hazardous substances or is contaminated with hazardous substances					
	Waste treatment – relevant information:					
13.1.3.	No information available					
13.1.3.	No information available					



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13.1.4.	Sewage disposal – relevant information:					
	Waste must not be disposed of into the sewage system.					
13.1.5.	Other disposal recommen	dations:				
	authorized by the ministry	duct's remains into the sewage system. Submit the remains to the collectors in charge. Do not dispose of the packaging into the sewage system. Submit ectors authorized by the ministry in charge.				
13.1.6.	Relevant Community prov	isions:				
	-					
SECTIO	N 14 TRANSPORT INFORM	ATION				
	Transporting/shipment by re	oad (ADR)				
UN num	nber:	Not subject to transport regulations				
UN prop	per shipping name:	-				
Transpo	rt hazard class(es):	-				
Packing	group:	-				
Environr	mentally hazardous:	-				
Special	precautions for user:	-				
	Transporting/shipment by ra	ail (RID)				
UN num	nber:	Not subject to transport regulations				
UN prop	per shipping name:	-				
Transpo	rt hazard class(es):	-				
Packing	group:	-				
Environr	mentally hazardous:	-				
Special	precautions for user:	-				
	Inland waterway transport (A	ADN)				
UN num	nber:	Not subject to transport regulations				
UN prop	per shipping name:	-				
Transpo	rt hazard class(es):	-				
Packing group:		-				
Environr	mentally hazardous:	-				
Special	precautions for user:	-				
	Transporting/shipment by se	ea (IMDG)				
UN num	nber:	Not subject to transport regulations				
UN prop	per shipping name:	-				
Transport hazard class(es):		-				



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Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	-
Transporting/shipment by air (IC	AO-TI/IATA-DGR)
UN number:	Not subject to transport regulations
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Further information: -	

SECTI	SECTION 15. Regulatory information						
15.1	Safety, health and e	Safety, health and environmental regulations/legislation specific for the substance or mixture					
	EU regulations						
	Authorization and/o	Authorization and/or restrictions of use					
	Authorizations:	-					
	Restrictions:	-					



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		Regulation (EC) No 1907/2006 of the European Parliament and of the Council of
		18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC; Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC;
	Other EU regulations:	Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work;
		Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006;
		COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
		REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);
	Information according guideline)	1999/13/EC about limitation of emissions of volatile organic compounds (VOC-
	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act
15.2	Chemical safety assessr	nent
	None	

SECTION 16. Other information					
16.1	Indication of changes:	-			
16.2	Abbreviations and acronyms:	ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (UK REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative			



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16.3.	1	literature references and rce of data:	-			
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)					
Classifi	lassification		Classification procedure			
_			-			
16.5.	Relevant H statements (number and full text)					
		226	Flammable liquid and vapour.			
	H:	314	Causes severe skin burns and eye damage.			
16.6.	Trai	ning advice:	-			
	Further information:		** "X" in the product code marks different volumes (different packagings of the product)			
16.7.			We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.			

ANNEX: Exposure scenario	resulting to	chemical s	safety as	sessment

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