

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

Page 1 of 16

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

1.1	Product identifier					
	Trading name:	ERIOGNOST REAGENT				
	Chemical name:	-				
	Catalogue number:	ERS-OT-X**	•			
1.2	Relevant identified us	es of the subs	tance or m	nixture and uses advised against		
	Uses:		For use v	with special staining kits.		
	Uses advised against:		Only the	identified uses are advised.		
	Reason why uses advised against:		The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes.			
1.3	Details of the supplier	Details of the supplier of the safety data sheet				
	Supplier:		BioGnost Ltd.			
	Address:	Address:		Medjugorska 59, Zagreb		
	Telephone number:	Telephone number:		+385 1 2409997		
	Telefax.:		+385 1 2404039			
	e-mail of competent p	e-mail of competent person:		msds@biognost.hr		
	National contact:		-			
1.4	Emergency telephone	Emergency telephone number				
	National Protection a	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	.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:	-			



Page 2 of 16

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

	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	ON 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		



Page 3 of 16

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

	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	ECTION 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 sub	ostance 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				
	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			



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

Page 4 of 16

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

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	See Section 7 for information on safe handling.				
	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 incompatibilities					
	Technical measures and storage conditions:	well ventil	phtly closed and upright set containers in a ated storage rooms at temperatures ranging 25 °C. Protect from heat and direct sunlight.			
	Packaging materials:	Manufacturer's original packaging.				
	Requirements for storage rooms and vessels:	r from food and drink. Keep the containers sed.				
	Advices for storage equipment:	must be re	ge must be made of hard material; floors esistant to chemicals. There must be no drain ly leads into sewage system. Secure proper n.			



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

Page 5 of 16

Trading name:		ERIOGNOST RE	AGENT		
Product code:	ERS-OT-X** Date of compilation:		23 Dec 2022	Version:	3
			the unused meeteric		

	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:	-

SECTI	ON 8. Expos	ure contr	ols/perso	onal pr	otection					
8.1	Control pa	rameters								
						•	•	osure limit		
	Substance		CA	S No	va	lues/sh	ort teri	m values	Biolo	gical limit values
						ppm		mg/m³		
Hydro	gen chloride		764	7-01-0		5/10		8/15		-
Substa	ance name:	-								
EC No	:	-	CAS No	:	-		\perp			
DNEL										
				1	In	dustria				
Route of Acu		ute	Acute			Chronic			Chronic	
expos	ure:	effect	local	ocal effect systemic		c effect local			effect systemic	
Oral		-	-		-	-		-		
Inhala	tion	-		-		-	-		-	
Derma	al	-		-		-			-	
Critica	l physical par	ameters: s	solubility,	flamm	ability, coı	rrosivity	:	-		
					Co	nsume	r			
Route	of	Acı	ute		Acute		C	Chronic		Chronic
expos	ure:	effect	local	effe	ct systemi	С	eff	ect local		effect systemic
Oral		-		-		-			-	
Inhala	tion	-		-		-		-		
Derma	al	-		-		-		-		
PNEC										
Enviro	nmental prot	ection tar	get			PNEC				
Fresh	water					no inf	ormatio	on available		
Freshv	vater sedimer	nts				no inf	ormatio	on available		
Marine	e water					no inf	ormatio	on available		
Marine	e sediments					no information available				



Food chain

SAFETY DATA SHEET

no information available

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

Page 6 of 16

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

Microorga	Microorganisms in sewage treatment		no information available		
Soil (agric	:ultural)		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:		In accordance with Section 7.		
	Organisational measures to preven exposure:	nt	Organization of work in order to reduce other worker's influence during work process.		
	Technical measures to prevent exp	osure:	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	t			
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				
	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 t 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:	with a	tive full face mask (EN 136) or half mask (EN 140) equipped filter for organic vapors, type "A" (boiling point >65°C) ng 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		



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

Page 7 of 16

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

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

O M Bo po FI	nysical state: blour: dour/odour threshold: lelting point / freezing point: billing point or initial boiling bint and boiling range: ammability: bwer and upper explosion limit:	Value liquid blue purple mild specific/no information available No information available No information available	Method No information available No information available smelling No information available potentiometric measurement No information available
O M Bo po Fl	dour/odour threshold: lelting point / freezing point: piling point or initial boiling point and boiling range: ammability:	blue purple mild specific/no information available No information available No information available No information available	No information available smelling No information available potentiometric measurement
O M Bo po Fl.	dour/odour threshold: lelting point / freezing point: biling point or initial boiling bint and boiling range: ammability:	mild specific/no information available No information available No information available No information available	smelling No information available potentiometric measurement
M Bo po Fl	lelting point / freezing point: biling point or initial boiling bint and boiling range: ammability:	information available No information available No information available No information available	No information available potentiometric measurement
Bo po Fl	oiling point or initial boiling oint and boiling range: ammability:	No information available No information available	potentiometric measurement
po Fl. Lo	oint and boiling range: ammability:	No information available	•
Lo			No information available
	ower and upper explosion limit:	NI = : f = = - : - : - : - : - : - : - ! - ! - !	NO IIIIOIIIIatioii available
Fl	Lower and upper explosion limit:	No information available	No information available
	ash point:	No information available	No information available
Αι	uto-ignition temperature:	No information available	No information available
D	ecomposition temperature:	No information available	No information available
рŀ	- 1:	0.85 – 0.9	No information available
Ki	nematic viscosity:	No information available	No information available
Sc	olubility:	No information available	No information available
	artition coefficient n- ctanol/water (log value):	No information available	No information available
Vä	apour pressure:	No information available	No information available
D	ensity and/or relative density:	No information available	No information available
Re	elative vapour density:	No information available	No information available
Pa	article characteristics:	No information available	No information available

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



SAFETY DATA SHEET According to Regulation (EC) No. 1907/2006

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

Page 8 of 16

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

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 Information	on on hazard o	lasses as defined ir	n Regulation	(EC) No 1272	/2008	
Acute tox				. ,		
Route of exposure:	Method	Species		₅₀ /LC ₅₀ or Exposure ti		ne Results
Oral:	-	No information available		No information available		1 -
Dermal:	ermal: - No informavailable				lo information vailable	ı -
Inhalation:	-	No information available			lo information vailable	ı -
Specific to		xicity – single expo	sure (STOT S	E): Target org		A.
		pecific effects			Note	
Oral:		tion available	No i			
Dermal:		tion available	No i	_		
Inhalation:	No informa	tion available	No i	nformation av	ailable	-
Aspiration	n hazard:	No	information	n available.		
		·				
Irritation	and corrosion				-	
	Ехро	osure time	Species	Evaluation	n Method	Note
Skin corrosion/irritation	- 1:	-		-	-	-
Serious eye damage/irritation	_	-		-	-	-
Sensitizat	ion					
Skin sensitization:						
Respiratory sensiti						



amended by Regulation (EU) No. 2020/878

Page 9 of 16

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

Oral exposure:		Harmful if sw	allowed.						
Dermal exposure):	Harmful if ab	absorbed through skin. May cause 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 information available		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	No information available		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	-		



Page 10 of 16

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

Subacut	te oral	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			No information available	-			
Subchro	onic dermal	No information available			No information available	-			
Subchro	ubchronic inhalation No information available				No information available	-			
Chronic	Chronic oral No information availab				No information available	-			
Chronic dermal No infe		No information available			No information available	-			
Chronic	Chronic inhalation No information availab				No information available	-			
	CMD effects (- u - al t i					
		arcinogenicity; mutagenicity							
	Carcinogenicity:			Based on available data, the classification criteria are not met.					
	Mutagenicity <i>ii</i>	n 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>	n vivo:	Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.						
	Germ cell muta	agenicity:							
	Reproductive t	oxicity:	Based on available data, the classification criteria are not met.						
	Summary of properties:	evaluation of the CN		Based on a met.	vailable data, the classificati	on criteria are not			
11.2.	Information or	other hazards:							
11.2.1.	Endocrine disru	upting properties:							
	Based on avai	lable data, does not conta uptors.	ain	-					
11.2.2.	Other informat	tion:							
	-								

SECTION 12. Ecologic	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	-				



Page 11 of 16

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

Crustacea:		EC ₅₀	48 hours	No information available	No information available	No information available	-
Algae/aquatic p	olants	IC ₅₀	4 days	No information available	No information available	No information available	-
Other organism	าร	-	-	-	-	-	-
Chronic (long-t toxicity	erm)	Dose	Exposur time	e Species	Method	Evaluation	Note
Fish	ish LC ₅₀ 96 hours		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 ₅₀	72 hours	No information available	No information available	No information available	-
Other organisms		-	-	-	-	-	
		nd degradab	ility				
Abioti	c doars	1					
	1 -						
i	1 -	gradation ha	alf-lives	Method	Evaluatio	n	Note
:	De			Method No information available	Evaluatio No informatio available		Note
Marine water	De No ir	gradation ha	vailable	No information	No informatio	n -	Note
Marine water Fresh water Air	De No ir No ir	gradation ha	vailable vailable	No information available No information	No informatio available No informatio	n -	Note
Marine water Fresh water	De No ir No ir	gradation han an arrangement of the desired and the desired and the desired are desired as a second and the desired are desired as a second are desired as a second are desired as a second as a second are desired as a second as a second are desired as a second as a secon	vailable vailable vailable	No information available No information available No information	No informatio available No informatio available No informatio	n - n -	Note
Marine water Fresh water Air Soil	De No ir No ir No ir	gradation han formation and fo	vailable vailable vailable	No information available No information available No information available No information	No informatio available No informatio available No informatio available No informatio	n - n - n	Note
Marine water Fresh water Air Soil	De No ir No ir No ir	gradation han formation and fo	vailable vailable vailable vailable	No information available No information available No information available No information	No informatio available No informatio available No informatio available No informatio	n - n - n	Note



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

Page 12 of 16

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

12.3	Bioaccumu	lative p	otential									
	Octanol-wa	ater par	tition coeffi	cient (log Kow)						
Valu	e Cor	centrat	ion p	4	°C	Ме	ethod		Evalua	ation		Note
-	-		_	-	-	-			-		-	
	Bioconcent	tration f	factor (BCF)									
V	alue		Species		Ŋ	/lethod			Evaluation	on		Note
	rmation	No	inform	ation	No info		n		information	on	_	
availabl	ole available			availab	le		ava	ilable		_		
	Chronic ec	otoxicit	У					i				
	Value Dose		Dose	-	osure ime	Spe	ecies	M	Method Ev		luation Note	
Chronic	toxicity on	fish	LC ₅₀	No information		No inforr	nation	No info	ormation	No information		_
	, , , , , , , , , , , , , , , , , , ,		- 30	available		availa			ilable	availal		
Chronic	toxicity on			No		No		No		No		
	ea (<i>Daphnia</i>))	EC ₅₀		mation	information			rmation	information available		-
	· · · · · · · · · · · · · · · · · · ·			availa	abie	availa	ые	ava	ilable	avaiiai	oie	
12.4	Mabilityia	anil .										
12.4	Mobility in		ما مانمه شامینه	in a	n, iran n	ontol o						
	No informa		ed distribution	111 פוו ווכ	TITIOTIT	iciildi C	ompart	ment	.5.			
	Surface ter		anabie									
	Value	131011.	°C	· ·	oncentra	tion		Ma	thod			Note
	No	No										INOLE
	information available	n info	ormation ailable		informa ilable	tion	No inf availat		tion	-		
	Adsorption) / deso	rntion									
	Ausorption	i / ues0	ηριιοιί									



SAFETY DATA SHEET According to Regulation (EC) No. 1907/2006

amended by Regulation (EU) No. 2020/878

Page 13 of 16

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

Transpor	t A/D coefficient Henry's constant	log Kow	Evaporation rate	Method	Note	
Soil-wate	No information available No information available No information available No information available -					
Water-ai	ter-air No information No information available No information available No information available -				-	
Soil-air	No information available	No information available	No information available	No information available	-	
	Results of PBT and vPvB asses Based on available data, the p		contain any PBT or v	PvB substances.		
12.6.	Endocrine disrupting properti	es				
	Based on available data, does	not contain endo	crine disruptors.			
12.7.	Other adverse effects					
	No information available					
SECTION	l 13. Disposal consideration	s				
13.1	Waste treatment methods					
13.1.1.	Product/Packaging disposa	·				
13.1.1.	Submit for disposal to the learning disposal		rized by the Ministr	y of Environmental	and Nature	
13.1.2.	Wasta sadas (wasta dasigns	tions assording to	a Laure			
15.1.2.	Waste codes/waste designations according to Law: 15 01 10*: Packaging that contains residual hazardous substances or is contaminated with hazardous substances					
13.1.3.	Waste treatment – relevant information:					
	No information available					
13.1.4.	Sewage disposal – relevant	information:				
	Waste must not be dispose	d of into the sewa	ge system.			
13.1.5.	Other disposal recommendations:					



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

Page 14 of 16

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

	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 provisions:					
	-					
SECTION	I 14 TRANSPORT INFORMAT	TION				
	Transporting/shipment by roa	d (ADR)				
UN numl	per:	Not subject to transport regulations				
UN prop	er shipping name:	-				
Transpor	t hazard class(es):	-				
Packing (group:	-				
Environm	nentally hazardous:	-				
Special p	recautions for user:	-				
	Transporting/shipment by rail	(RID)				
UN numl	per:	Not subject to transport regulations				
UN prop	er shipping name:	-				
Transport hazard class(es):		-				
Packing (group:	-				
Environm	nentally hazardous:	-				
Special p	recautions for user:	-				
	Inland waterway transport (AD	DN)				
UN numl	per:	Not subject to transport regulations				
UN prop	er shipping name:	-				
Transpor	t hazard class(es):	-				
Packing (group:	-				
Environm	nentally hazardous:	-				
Special p	recautions 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:		-				



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

Page 15 of 16

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

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: -	

zanotj, nodatn dna chvirol	nmental regulations/legislation specific for the substance or mixture
EU regulations	
Authorization and/or rest	trictions of use
Authorizations:	-
Restrictions:	-
Other EU regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council 18 December 2006 concerning the Registration, Evaluation, Authorisation at Restriction of Chemicals (REACH), establishing a European Chemicals Ager amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/l 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 20 on the limitation of emissions of volatile organic compounds due to the use of orgasiolvents in certain paints and varnishes and vehicle refinishing products amending Directive 1999/13/EC; Council Directive 98/24/EC of 7 April 1998 on the protection of the health and satiof workers from the risks related to chemical agents at work; Regulation (EC) No 1272/2008 of the European Parliament and of the Council of December 2008 on classification, labelling and packaging of substances and mixtu amending and repealing Directives 67/548/EEC and 1999/45/EC, and amend 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 Chemica (REACH). REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);



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

Page 16 of 16

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)			
Classif	ication	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

Page 1 of 17

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**	PSR-OT-X**			
1.2	Relevant identified use	es of the substance or mixture 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> diagnosed against: medical device, registered at the Agency for Medicinal Product Medical Devices and there is no reason to use it for other			
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@b	oiognost.hr		
	National contact:		-			
1.4	Emergency telephone	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 substance					
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:	-				
	Authorization number:	-				
	Hazard pictograms:	-				



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

Page 2 of 17

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

	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: B	ased 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 measu	res			
	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.			



Page 3 of 17

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 medi	cal attention and special treatment needed	
	-		

SECTIO	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 c	ompressed air breathing apparatus and fireproof clothing.		
5.4	Additional information	Additional information		
	Cool endangered receptacles with contaminate the environment with	water spray. Collect contaminated firefighting water separately. Do not extinguishing media.		

SECTIO	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: Mark the area using proper signs.			
6.1.2.	For emergency responders:			



Page 4 of 17

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 Direct	drainage system and waterways. In case of large spillage contact National orate (NPRD) on 112.		
6.3	Methods and material for cor	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:		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:	ner measures:		
7.1.2.	Advice on general occupational hygiene:			
	Do not eat, drink or smoke in the workspace. Th	oroughly wash	h hands after work and before eating.	
7.2	Conditions for safe storage, including any incon	npatibilities		
	Technical measures and storage conditions: well ventile		ightly closed and upright set containers in a illated storage rooms at temperatures ranging to 25 °C. Protect from heat and direct sunlight.	
	Packaging materials:	Manufactur	rer's original packaging.	



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

Page 5 of 17

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

	Requirements for storage rooms and vess	sels:	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.
	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:	-	

SECTION 8. Exposu									
SECTION 6. Expose	ire contro	ols/perso	nal protec	tion					
8.1 Control par	rameters								
Substance		CA	S No		ational e s/short	-	sure limit values	Ві	iological limit values
				ррі	m mg/m³				
-			-	-			-		-
Substance name:	_								
EC No:	_	CAS No:	-						
DNEL									
				Indus	trial				
Route of	Acı	ıte	Acut	te		Ch	ronic		Chronic
exposure:	effect	local	effect sys	stemic		effe	ct local		effect systemic
Oral	-		-		-			-	
Inhalation	-		-		-			-	
Dermal	-		-		-			_	
Critical physical para	ameters: s	olubility,	flammabilit	ty, corros	sivity:		-		
				Consu	ımer				
Route of exposure:	Acı effect		Acut effect sys				ronic ct local		Chronic effect systemic
Oral	-		-		1			-	
Inhalation	-		-		-			-	
Dermal	-		-		1			-	
PNEC									



Page 6 of 17

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

Environm	nental protection target	PNEC		
Fresh wa	ter	no information available		
Freshwater sediments		no information available		
Marine w	<i>y</i> ater	no information available		
Marine s	ediments	no information available		
Food cha	in	no information available		
Microorg	ganisms 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	Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the		

8.2.1.	Appropriate engineering controls		
	Substance/mixture related measures to prevent exposure during identified use	nrotective equipment 1)o not eat 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 exposu	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: lev	fety glasses that stick to face (EN 166) or visor in case of lower rels of concentration in air; protective gas mask that covers the tire face in case of higher levels of concentration in air.	
8.2.2.2.	Skin protection		
		e protective gloves have to satisfy the specification of gulation (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: foc ent imp	tring every day work use cotton clothing (EN 340) and suitable otwear, such as rubber boots (EN 20345) or shoes that cover the tire foot. In case of spilling hazard, use clothing made of permeable material suitable for protection from liquid chemicals ton, PVC, himex) and footwear made from the same material.	



Page 7 of 17

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

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

1	Information on basic physical and o	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
	Lower 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



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

Page 8 of 17

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

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

SECTION	ON 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

11.1 Informa	ation on hazard o	classes as defined in	n Regulation (EC) No 1	1272/2008	
Acute t	oxicity:				
Route of exposure:	Method	Species	Dose LD ₅₀ /LC ₅₀ or ATE _{mix}	Exposure tir	ne Results
Oral:	-	No information available	-	No information available	1 <u>-</u>
Dermal:	-	No information available	-	No information available	า -
Inhalation:	-	No information available	-	No information available	n -
Specific		xicity – single expo pecific effects		et organ	Note
•					
Oral:	No informa	tion available	No informatio	n available	-
Oral: Dermal:		tion available tion available	No information		-
	No informa			n available	
Dermal:	No informa	tion available	No informatio	n available	-
Dermal: Inhalation:	No informa	tion available tion available	No informatio	n available n available	-
Dermal: Inhalation: Aspirati	No informa No informa ion hazard:	tion available tion available	No informatio	n available n available	-
Dermal: Inhalation: Aspirati	No informa	tion available tion available	No informatio	n available n available	-
Dermal: Inhalation: Aspirati	No informa No informa ion hazard:	tion available tion available	No informatio	n available n available e.	-



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

Page 9 of 17

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

Sensitization				
Skin sensitization:	-			
Respiratory sensitization:	-			

Symptoms related to the physical, chemical and toxicological characteristics				
Oral exposure:	Harmful if swallowed.			
Dermal exposure:	Harmful if absorbed through skin. May cause skin irritation.			
Inhalation exposure:	Harmful if inhaled. May cause respiratory tract irritation.			
Eye exposure:	May cause eye irritation.			

Repeated dose toxicity (subacute, subchronic, chronic)

	Dose	Exposure time	Species	Method	Evaluation	Note
Subacute oral	No information available	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	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	No information available	No information available	No information available	No information available	No information available	-
Chronic oral	No information available	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	-



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

Page 10 of 17

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 t	target organ toxicit	ry – repeated e	xposure (STOT	RE):			
•			Specific effec	cts	Target o	rgan	Note	
Subacut	te oral	No informa	ation available		No information available		-	
Subacut	te dermal	No informa	ation available		No information	n available	-	
Subacut	te inhalatio	on No informa	ation available		No information	n available	-	
Subchro	nic oral	No informa	ation available		No information	n available	-	
Subchro	onic derma	al No informa	ation available		No information	n available	-	
Subchro	nic inhala	ition No informa	ation available		No information	n available	-	
Chronic	oral	No informa	ation available		No informatior	n available	-	
Chronic	dermal	No informa	ation available		No information	n available	-	
Chronic	inhalation	n No informa	ation available		No information	n available	-	
	Carcinog Mutager Genotox	nicity <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.	
		nicity in vivo:		Based on available data, the classification criteria are not met.				
		Il mutagenicity:		Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.				
	Summary	•	of the CN				on criteria are not	
11.2.	Informat	ion on other hazar	ds:					
11.2.1.	Endocrin	e disrupting prope	rties:					
		n available data, o e disruptors.	does not conta	ain -				
11.2.2.	Other inf	formation:						
	_							

SECTION 1	12. Ecologi	ical inf	ormation
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12.1 Toxicity



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

Page 11 of 17

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

Product code:	Р	SR-O1-X**		Date of compila	tion: 23 Dec	2022	Version:
Acute (short-ter toxicity	m)	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 p	lants	IC ₅₀	4 days	No information available	No information available	No information available	-
Other organisms	S	-	-	-	-	-	-
Chronic (long-te	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 p	lants	IC ₅₀	72 hours	No information available	No information available	No information available	-
Other organism	S	_	-	-	-	-	-
12.2 Persiste	ence a	nd degradab	oility				
Abiotic			····• • • • • • • • • • • • • • • • • •				
		gradation ha	alf-lives	Method	Evaluatio	on	Note
		<u>-</u>		No information	No informatio		

	Degradation half-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	-

Bioc		

% Degradation	Time (days)	Method	Evaluation	Note



Trading name:

SAFETY DATA SHEET

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

PICRO-SIRIUS RED REAGENT

Page 12 of 17

Product code: PSR-OT		R-OT-X**		Date	Date of compilation:		n: 23 Dec 2022			Version:	3		
	No information available No information available					No information available		No inf availal	formation ble				
12.3	Bioaccum	ulativo	notontial										
12.3			•	pefficient (loa Kow	<i>(</i>)							
Valu		ncentr		рН	°C		ethod		Evalu	ation		Note	
_	-			-	_	-			-		_		
	-												
	Bioconce	ntration											
	/alue		Specie			Method		Evaluation		Note			
No info	ormation le	No avail		ormation	No info	ormatic ole	on	No information available		-			
avanab		a va iii			u v u ii u i			4.4					
					<u> </u>						<u> </u>		
	Chronic e	cotoxic	city										
	Value		Dose	<u> </u>	osure ime	Spe	ecies	N	1ethod	Evalı	uation	Note	
Chronic	toxicity or	n fish	LC ₅₀	No infor avail	mation able	No inforr availa	mation able		ormation ilable	No inform availa		-	
	toxicity or ea (<i>Daphni</i> o		EC ₅₀	No infor avail	mation able	No inforr availa	mation able		ormation ilable	No information available		-	
12.4	Mobility i	n soil											
		····		oution in e	environn	nental d	compar	tment	:S:				
	No inforn												
	Surface te	ension:											
	Value		°C	С	oncentra	ation		Me	ethod			Note	
	No information available	on ir	No nformatio available	n	informa ailable	ation	No in availa		ition	-			
		<u> </u>											



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

Page 13 of 17

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

	Adsorption / desorption							
Transpor	A/D coefficient t Henry's constant	log Kow	Evaporation rate	Method	Note			
Soil-wate	No information available	No informati on available	No information available	No information available	-			
Water-aiı	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	-			
	Endocrine disrupting propert Based on available data, doe:		n endocrine disruptors.					
12.7.	Other adverse effects							
	No information available							
SECTION	l 13. Disposal consideration	ns						
13.1	Waste treatment methods							
13.1.1.	Product/Packaging disposa	al:						
	Submit for disposal to the Protection.		authorized by the Minis	try of Environmental	and Nature			
	Waste codes/waste designations according to Law:							
13.1.2.	Waste codes/waste designations according to Law: 15 01 10*: Packaging that contains residual hazardous substances or is contaminated with hazardous							



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

Page 14 of 17

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

13.1.3.	Waste treatment – relevant information:						
	No information available						
13.1.4.	Sewage disposal – relevant in	formation:					
	Waste must not be disposed of into the sewage system.						
13.1.5.	Other disposal recommendat	ions:					
	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 provisio	ns:					
	-						
SECTION	14 TRANSPORT INFORMATI	ON					
-	Fransporting/shipment by road	(ADR)					
UN numb	oer:	Not subject to transport regulations					
UN proper shipping name:		-					
Transport	: hazard class(es):	-					
Packing g	roup:	-					
Environm	entally hazardous:	-					
Special p	recautions for user:	-					
-	Transporting/shipment by rail (RID)					
UN numb	oer:	Not subject to transport regulations					
UN prope	er shipping name:	-					
Transport	hazard class(es):	-					
Packing g	roup:	-					
Environm	entally hazardous:	-					
Special p	recautions for user:	-					
1	nland waterway transport (ADI	N)					
UN numb	oer:	Not subject to transport regulations					
UN prope	er shipping name:	-					
Transport	hazard class(es):	-					
Packing g	roup:	-					
Environm	entally hazardous:	-					
Special p	recautions for user:	-					
-	Fransporting/shipment by sea ((IMDG)					



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

Page 15 of 17

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

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 (ICA	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: -	

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



Page 16 of 17

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

		18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive
	Other EU regulations:	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;
		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	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



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

Page 17 of 17

Trading name:	PICRO-SIRIUS RED REAGENT				
Product code:	PSR-OT-X**	Date of compilation: 23 Dec 202	2	Version:	3

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 (numb	per and full text)
	H:	201 301 311 331 412	Explosive; mass explosion hazard. Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled. Harmful to aquatic life with long lasting effects.
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

Page 1 of 17

Trading name:		ACETIC ACID, 0.5%			
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3

SECTI	ON 1: Identification of t	the substance	e/mixture	e and of the company/undertaking		
1.1	Product identifier					
	Trading name:	ACETIC ACI	D, 0.5% S	OLUTION		
	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 advised against:		The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes.			
1.3	Details of the supplier of the safety data sheet					
	Supplier:	I - I		BioGnost Ltd.		
	Address:			Medjugorska 59, Zagreb		
	Telephone number:		+385 1	2409997		
			+385 1 2404039			
			msds@biognost.hr			
			-			
1.4	Emergency telephone number					
	National Protection an	ion and Rescue Directorate:		112		
	Medical information:			-		
	Other information:			-		

SECTIO	ON 2. Hazards identification				
2.1	Classification of the substance or mixture				
2.1.1	Classification according to Regulation (EC) No 1272/2008 (CLP)				
	Hazard class and catego	ory code:		Hazard statements*:	
	Not identified as hazardous sub	ostance.	-		
2.1.2.	Additional information				
	-	-			
*For fu	ll 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: -					



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

Page 2 of 17

Trading name:		ACETIC ACID, 0.5%	SOLUTION		
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3

	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. Co	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:	-	



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

Page 3 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION				
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3

	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 med	lical 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 substance or mixture				
	Hazardous combustion products: no information available				
5.3	Advice for firefighters				
	Use a self-contained open-circuit compressed 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	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 of all non-essential personnel and avoid contains and all non-essential personnel and all non-es			
	Emergency procedures:	Mark the area using proper signs.		
6.1.2.	For emergency responders:			
	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, 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		



SAFETY DATA SHEET to Regulation (EC) No. 1907/200

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

Page 4 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION				
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3

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 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	on:	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. Th	oroughly was	ash hands after work and before eating.		
7.2	Conditions for safe storage, including any incon	npatibilities			
	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:	Manufactı	cturer's original packaging.		
	Requirements for storage rooms and vessels:		away from food and drink. Keep the containers closed.		
	Advices for storage equipment:	must be re	ge must be made of hard material; floors esistant to chemicals. There must be no drain ly leads into sewage system. Secure proper n.		



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

Page 5 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION		SOLUTION		
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3

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

SECTION 8. Expos	ure contr	ols/perso	nal protec	tion			
8.1 Control p	arameters						
Substance	e	CA	CAS No		•	exposure limit term values	Biological limit values
			р	pm	mg/m³	, and the second	
Acetic acid		64	-19-7	1(0/20	25/50	-
Substance name:	-	T				I	
EC No:	-	CAS No	: -				
DNEL							
	1		I	Ind	ustrial		
Route of	Acı		Acut			Chronic	Chronic
exposure:	effect	local	ocal effect systemi			effect local	effect systemic
Oral	-		-		-		-
Inhalation	-		-		-		-
Dermal	-		-		-		-
Critical physical pa	rameters: s	solubility,	flammabilit	ty, corr	osivity:	-	
				Con	sumer		
Route of	Acı	ute	Acu	te		Chronic	Chronic
exposure:	effect	local	effect sys	stemic		effect local	effect systemic
Oral	-		-		-		-
Inhalation	-		-		-		-
Dermal	-		-		-		-
PNEC							
Environmental protection target				PNEC			
Fresh water			1	no information available			
Freshwater sediments			1	no information available			
Marine water				ı	no information available		
Marine sediments				1	no information available		



Food chain

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

no information available

Page 6 of 17

Trading name:		ACETIC ACID, 0.5% SOLUTION					
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3		

	···		
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.	3.2.1. Appropriate engineering controls		
	Substance/mixture related measur 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:		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 exposure:		osure:	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:	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.
8.2.2.2.	Skin protection		
	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
	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.	
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 information available	
8.2.3.	Environmental exposure controls		
	Substance/mixture related measures to prevent exposure:	See Se	ction 6



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

Page 7 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION					
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3	

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 o	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	
	Lower 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 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	
	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.	



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

Page 8 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION					
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3	

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 o	classes as defined in	n Regulation	(EC) No 1272/	2008	
Acute to	cicity:					
Route of exposure:	Method	Species	Dose LD₅ ATE		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	arget organ to	xicity – single expos	curo (STOT SI	<u> </u>		
Specific t		Specific effects	Sure (5101 51	Target org	jan	Note
Oral:		tion available	No in	formation ava		-
Dermal:	No informa	tion available	No information available -			_
Inhalation:	No informa	tion available	No in	No information available -		
Aspiratio	n hazard:	No	o information	available.		
Irritation	and corrosion					
	Ехро	osure time	Species	Evaluation	Method	Note
Skin corrosion/irritatio	n: -	-		-	-	-
Serious eye damage/irritation	-	-		-	-	-
Sensitiza						
Skin sensitization:	_					



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

Page 9 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION					
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3	

Oral exposure: Harmful if swallowed.							
Dermal exposure: Harmful if absorbed through skin. May cause sk					use skin irritation		
Inhalation expos	ure:	Harmful if in	haled. May cau	ıse respiratory t	ract irritation.		
Eye exposure:		May cause e	ye irritation.				
Repeate	ed dos	se 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		information lable	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		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	-



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

Page 10 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION					
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3	

				No information available	1			
Subacute oral No informat		No information available	No information available		-			
Subacut	te dermal	No information available		No information available	-			
Subacute inhalation No information available				No information available	-			
Subchro	onic oral	No information available		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	-			
	CMR effects (c	arcinogenicity; mutagenicity	; reproductive	toxicity)				
	Carcinogenicity	y:	Based on available data, the classification criteria are not met.					
	Mutagenicity i	n vitro:	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.					
	Genotoxicity:							
	Mutagenicity i	n vivo:						
	Germ cell muta	agenicity:						
	Reproductive t	oxicity:						
-								
	Summary of properties:	evaluation of the CM	IR Based on met.	available data, the classificati	ion criteria are not			
44.0								
11.2.		n other hazards:						
11.2.1.		upting properties:	ipting properties:					
	Based on avai endocrine disr	ilable data, does not conta uptors.	in -					
11.2.2.	Other informat	tion:						
	-							

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	-	



SAFETY DATA SHEET According to Regulation (EC) No. 1907/2006

amended by Regulation (EU) No. 2020/878

Page 11 of 17 Trading name: **ACETIC ACID, 0.5% SOLUTION** Product code: OK05-OT-X** Date of compilation: 23 Dec 2022 Version: 3

No information available			No information available	No informatio	on	No inf	formation ble	
% Degradation Time (days)			Method	Evaluatio	on		Note	
Biodeg	ıradatio	 on						
Soil	No ir	nformation available		No information available	No information	No information available		
Air	No ir	nformation a	vailable	No information available	No information available		-	
Fresh water	No ir	nformation a	vailable	No information available	No information	on	-	
Marine water	No ir	nformation a	vailable	No information available	No information	on	_	
	De	gradation ha	alf-lives	Method	Evaluatio	on		Note
Abiotic								
12.2 Persist	ence ai	nd degradab	oility					
Other organism	S	-	-	-	-	-		-
Algae/aquatic plants IC ₅₀		72 hours	No information available	No information available	No inforn availa	nation ble	-	
Crustacea:		EC ₅₀	48 hours	No information available	No information available	No inforn availa	nation ble	-
Fish		LC ₅₀	96 hours	No information available	No information available	No inforn availa	nation ble	-
Chronic (long-toxicity	erm)	Dose	Exposur time	Species	Method	Evalu	ıation	Note
Other organism	S	-	-	-	-	-		-
Algae/aquatic p	lants	IC ₅₀	4 days	No information available	No information available	No inforn availa	nation ble	-
Crustacea:		EC ₅₀ 48 hours		No information available	No No information info available available		nation ble	-



Trading name:

SAFETY DATA SHEET

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

ACETIC ACID, 0.5% SOLUTION

Page 12 of 17

Concentration Concentratio	Produc	Product code: OK05-OT-X**		Dat	Date of compilation: 23 Dec 2022		2022	2 Version:		3				
Octanol-water partition coefficient (log Kow) Value	12.2	Pioaccumu	ulativo n	otontial										
No information available Species Method Evaluation Note	12.3		-		cient (log Kov	w)							
Bioconcentration factor (BCF) Value	Value													
Bioconcentration factor (BCF) Value	-		- Icerrara	•				zuiou			2011	_	11010	
Value Species Method Evaluation available Note No information available - 12.4 Mobility in soil Modifice the information available No information available No information available - Value °C Concentration Method Note No information available No information available No information available No information available														
Value Species Method Evaluation Note														
Value Species Method Evaluation Note		:		i	·	i						i		
No information available No information available No information avail		Bioconcen	tration f	factor (BCF)										
Available availa	V	alue		Species			Method			Evaluation	on		Note	
Value Dose Exposure time Species Method Evaluation Note Chronic toxicity on fish LC₅₀ No information available Surface tension: Value °C Concentration No information available -					ation			n			on	_		
Value Dose Exposure time Species Method Evaluation Note														
Value Dose Exposure time Species Method Evaluation Note Chronic toxicity on crustacea (Daphnia) LC ₅₀ No information available - Value °C Concentration No information available No information available No information available No information available No information available No information available No information available									**************************************					
Value Dose Exposure time Species Method Evaluation Note Chronic toxicity on crustacea (Daphnia) LC ₅₀ No information available - Value °C Concentration No information available No information available No information available No information available No information available No information available No information available														
Chronic toxicity on fish Chronic toxicity on fish Chronic toxicity on crustacea (Daphnia) 12.4 Mobility in soil Known or predicted distribution in environmental compartments: No information available Surface tension: Value °C Concentration available No information available		Chronic ec	otoxicit	У										
Chronic toxicity on fish		Value		Dose	•		Spe	ecies		Method	Eval	luation	Note	
Chronic toxicity on crustacea (Daphnia) EC 50	Chronic	toxicity on	fish	LC ₅₀	information		inforr		inf	ormation	inforr		-	
Known or predicted distribution in environmental compartments: No information available Surface tension: Value °C Concentration Method Note No information information available No information available available)	EC ₅₀	infor		inforr		inf	ormation	inforr		-	
Known or predicted distribution in environmental compartments: No information available Surface tension: Value °C Concentration Method Note No information information available No information available available				i			<u> </u>				<u> </u>		<u> </u>	
No information available Surface tension: Value °C Concentration Method Note No information available No information available available No information available available	12.4	Mobility in	soil											
Surface tension: Value °C Concentration Method Note		Known or p	predicte	ed distribution	on in e	environr	mental c	ompart	men	nts:				
Value °C Concentration Method Note No information available No information available No information available -				vailable										
No information available No information available No information available -			nsion:											
information available information available No information available - No information available -					C	oncentr	ation		М	lethod			Note	
Adsorption / desorption		informatio	n inf	ormation			ation			ation	-	•		
Adsorption / desorption														
		Adsorption	ı / deso	orption										



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

Page 13 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION				
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3

			T.				
Transport	A/D coefficient Henry's constant	log Kow	Evaporation rate	Method	Note		
Soil-water	No information available	No informati on available	No information available	No information available	1		
Water-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	-		
	Results of PBT and vPvB asse						
В	sased on available data, the	product doe	s not contain any PBT or	vPvB substances.			
1							
12.6. E	ndocrine disrupting proper	ties					
В	ased on available data, doe	s not contair	n endocrine disruptors.				
12.7. C	Other adverse effects						
١	lo information available						
SECTION	13. Disposal consideration	ns					
13.1	Waste treatment methods						
13.1.1.	Product/Packaging dispos	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						
13.1.3.	Waste treatment – relevan	t informatior	1:				
	No information available						



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

Page 14 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION				
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3

13.1.4.	Sewage disposal – relevant information:			
	Waste must not be disp	osed of into the sewage system.		
13.1.5.	Other disposal recomme	endations:		
	authorized by the minist	roduct's remains into the sewage system. Submit the remains to the collectors try in charge. Do not dispose of the packaging into the sewage system. Submit llectors authorized by the ministry in charge.		
13.1.6.	Relevant Community pro	ovisions:		
	-			
SECTIO	N 14 TRANSPORT INFORI	MATION		
	Transporting/shipment by	road (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 p	precautions for user:	-		
	Transporting/shipment by	rail (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 r	orecautions for user:	-		
	Inland waterway transport	t (ADN)		
UN num	nber:	Not subject to transport regulations		
UN prop	per shipping name:	-		
Transpo	rt hazard class(es):	-		
Packing group:		-		
Environmentally hazardous:		-		
Special p	orecautions for user:	-		
	Transporting/shipment by	sea (IMDG)		
UN num	ıber:	Not subject to transport regulations		
UN prop	per shipping name:	-		
Transport hazard class(es):		-		



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

Page 15 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION					
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3	

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	ON 15. Regulatory in	formation				
15.1	Safety, health and e	nvironmental regulations/legislation specific for the substance or mixture				
	EU regulations	EU regulations				
	Authorization and/o	or restrictions of use				
	Authorizations:	-				
	Restrictions:	-				



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

Page 16 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION				
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3

•••••		Description (EC) No. 1007/2006 of the European Political and of the Co. will of
		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	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			



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

Page 17 of 17

Trading name:	ACETIC ACID, 0.5% SOLUTION					
Product code:	OK05-OT-X**	Date of compilation:	23 Dec 2022	Version:	3	

16.3.	•	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)			
Classification		1	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:	-	
			** "X" in the product code marks different volumes (different packagings of the product)	
16.7. Further information:		ther information:	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	