

LEUKOGNOST ACP

The kit contains:

Reagent 1 (Sodium nitrite, solution)

Reagent 2 (Fast Garnet GBC, solution)

Reagent 3 (ACP buffer)

Reagent 4 (ACP substrate)

Reagent 5 (ACP inhibitor)



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Trading name:	SODIUM NITRITE, SOLUTION				
Product code:	NAN-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

1.1.	Product identifier				
	Trading name:	SODIUN	и NITRITE, SOLU	ITION	
	Chemical name:	-			
	Catalogue number:	NAN-O	T-X**		
1.2.	Relevant identified uses of the substance or mixture and uses advised against			ture and uses advised against	
	Uses:		For use in cyt	ochemical diagnostics.	
	Uses advised against:		Only the iden	tified uses are advised.	
	Reason why uses advi	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 supplie	r of the saf	ety data sheet		
	Supplier:		BioGnost Ltd.		
	Address:		Medjugorska !	59, Zagreb	
	Telephone number:		+385 1 2409997		
	Telephone number:		+385 1 240999	97	
	Telephone number: Fax no.:		+385 1 240999 +385 1 240403		
	•	oerson:		39	
	Fax no.:	person:	+385 1 240403	39	
1.4.	Fax no.: e-mail of competent		+385 1 240403 msds@biogno	39	
1.4.	Fax no.: e-mail of competent National contact:	number	+385 1 240400 msds@biogno	39	
1.4.	Fax no.: e-mail of competent National contact: Emergency telephone	number	+385 1 240400 msds@biogno	ost.hr	

SECTIO	SECTION 2. Hazards identification					
2.1.	Classification of the substance or mixture					
2.1.1.	Classification according to Regula	ation (EC) No 1272	2/2008 (CLP)			
	Hazard class and category	/ code:		Hazard statements*:		
	Not identified as hazardous substance					
2.1.2.	Additional information					
	-					
*For fu	Ill text of Hazard- and EU Hazard-st	atements: see Sec	tion 16			
2.2.	Label elements					
	Product identification:	SODIUM NITRIT	TE, SOLUTION			
	Identification number:	-				
	Authorization no.:	_				
	Hazard pictograms:	-				



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	Signal word:	-		
	Hazard statements:	-		
	Precautionary statements:	-		
	Further information:	-		
2.3.	Other hazards			
	Endocrine Disrupting Properties:			
	No known endocrine disrupting properties			
	Results of PBT and vPvB assessment : According to the results of its assessment, this substance is not a PBT or a vPvB.			

SECTION 3. Composition/information on ingredients						
CAS/ EC/ Index no.	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)		
7632-00-0/ 231-555-9/ 007-010-00-4	01-2119471836- 27	<5%	sodium nitrite	Ox. Sol. 3; H272 Acute Tox. 3; H301 Eyelrrit.2A; H319 Aquatic Acute 1; H400		

SECTIO	SECTION 4. First aid measures				
4.1.	Description of first aid measures				
	General notes:	-			
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. If breathing becomes erratic or it stops, immediately apply artificial respiration (other than mouth-to-mouth) and contact a physician.			
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water and soap. Seek medical assistance if the symptoms of irritation remain.			
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open using clean fingers. If the symptoms remain, immediately call a physician.			
	Following ingestion:	Do not induce vomiting. Make the afflicted person drink a glass of water. If spontaneous vomiting occurs, wash the mouth with water, then make the person drink 100-200 ml of water and seek medical attention.			
	Self-protection of the first aider	: Treat symptomatically.			
4.2.	Most important symptoms and	effects, both acute and delayed			
	EUIIUMING INNSISTION.	ccording to our findings, chemical, physical and toxicological properties of ne substance have not been entirely tested.			



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	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	e medical attention and special treatment needed
	-	

SECTIO	SECTION 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Small fire - water spray, dry powder, CO ₂ Large fire - water spray or alcohol-resistant foam			
	Unsuitable extinguishing media:	water 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 of Cool closed containers exposed to	compressed air breathing apparatus and fireproof clothing. ofire with water spray or vapor.			
5.4.	Additional information				
	Remove sources of heat and igniti	on.			
	Do not contaminate the environm	ent with extinguishing media.			

SECTIO	SECTION 6. Accidental release measures				
6.1.	Personal precautions, protective equipment and emergency procedures				
6.1.1.	For non-emergency personnel				
	Protective equipment:	Use personal protective equipment (see Section 8).			
	Accident prevention methods:	Evacuate members of all non-essential personnel and those members without protective equipment. Remove all sources of sparks and ignition. Do not smoke.			
	Emergency procedures:	Mark the area using proper signs.			
6.1.2.	For emergency responders:				
	Wear 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 containr	ment and cleaning up			



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6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.
6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using inflammable material (sand, diatomaceous earth, vermiculite). 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 and involved materials with water.
6.3.3.	Other information:	-
6.4.	Reference to other sections	
	-	

SECTIO	ON 7. Handling and storage				
7.1.	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:	Keep away from sources of heat and ignition. Do not smoke.			
	Measures to prevent aerosol and dust generation:	Secure proper ventilation.			
	Measures to protect the environment: Other measures:	Prevent spilling into the sewage system and waterways.			
7.1.2.	Advice on general occupational hygiene:				
	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating.				
7.2.	. Conditions for safe storage, including any incompatibilities				
	Technical measures and storage conditions:	Keep in tightly closed and upright set containers in a well ventilated storage rooms, and away from sources of heat, sunlight, and other incompatible substances.			
	Packaging materials:	Manufacturer's original packaging.			
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.			
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.			
	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 9).			
7.3.	Specific end use(s)				



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Recommendations:	-
Industrial sector specific solutions:	-

SECTION 8. Exposure controls/personal protection								
8.1. Control p	arameters							
Substanc	e	CAS N	No		•	exposure limit t term values	Biological limit values	
				ķ	ppm	mg/m³		
-		-			-	-	No information available	
Substance name:								
EC No: -		CAS No:	-					
DNEL								
				Ind	lustrial			
Route of	,	Acute		Acute	9	Chronic	Chronic	
exposure:	effe	ect local	effe	ct syst	temic	effect local	effect systemic	
Oral	-		-			-	-	
Inhalation	-		-			-	-	
Dermal	-		-			_	-	
Critical physical pa	arameters:	solubility, fla	mmabilit	ty, cori	rosivity:	-		
			ı	Cor	sumer			
Route of		Acute		Acute		Chronic	Chronic	
exposure:	effe	ect local	effe	effect systemic		effect local	effect systemic	
Oral	-		-			-	-	
Inhalation	-		-			-	-	
Dermal			-			-	-	
PNEC								
Environmental pro	tection tar	get			PNEC			
Fresh water					No information available			
Freshwater sediments					No information available			
Marine water					No information available			
Marine sediments						mation available		
Food chain					No information available			
Microorganisms ir	n sewage tr	eatment			No infor	mation available		
Soil (agricultural)					No information available			



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Air			No information available			
8.2.	Exposure controls					
8.2.1.	Engineering measures					
	Substance/mixture related measures to prevent exposure during identified uses:		Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace.			
	Structural measures to prexposure:	revent	No information available			
	Organisational measures prevent exposure:	to	Organization of work in order to reduce other worker's influence during work process.			
	Technical measures to pr exposure:	event	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.			
8.2.2.	Personal protection equip	oment				
8.2.2.1.	Eye and face protection:	tion: Safety glasses that stick to face (preventing splashing) visor.				
8.2.2.2.	Skin protection					
U.L.L.	Hand protection:		decetive gloves must be according to the EU Directive 2016/425/EEC and dard EN 374. Glove material: nitrile rubber			
			Glove thickness: ≥0.50 mm Break through time: >480 min			
	Other skin protection:		antistatic clothing made of natural fibers (such as cotton) with long s (EN 13034), and shoes that cover the entire foot (EN 10335).			
8.2.2.3.	Respiratory protection:	filter fo	ctive full face mask (EN 136) or half mask (EN 140) equipped with a cor organic vapors, type "A" (boiling point >65°C) acording to EN) used when concentration levels exceed GVI.			
8.2.2.4.	Thermal hazards:	No inf	ormation available			
8.2.3.	Environmental exposure	controls				
	Substance/mixture relate measures to prevent expe		See Section 6			
	Structural measures to prexposure:	event	Use modern equipment.			
	Organisational measures prevent exposure:	to	Adapt the work process to the required working conditions of the workplace.			
	Technical measures to pr exposure:	event	See Section 6			

SECTION 9. Physical and chemical properties



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	Value	Method
Physical state:	liquid	No information available
Colour:	colourless	No information available
Odour/odour threshold:	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	No information available
Flammability:	No information available	No information available
Lover and upper explosion limit:	No information available	No information available
Flash point:	No information available	No information available
Auto-ignition temperature:	No information available	No information available
Decomposition temperature:	No information available	No information available
pH:	No information available	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

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

SECTION 11. Toxicological information			
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008		



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Acute toxi	city:			1	
Route of exposure:	Method	Species	Effective dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	e Results
Oral exposure:	No information available	-	LD ₅₀	_	_
Dermal exposure:	No information available	-	LD ₅₀	-	-
Inhalation exposure:	No information available	-	LC ₅₀	_	_
Specific ta	rget organ toxicity – s	ingle exposure	(STOT SE):		
	Specific		Target organ		Note
Oral exposure:	No information		No information available	–	
Dermal exposure:	No information	available	No information available	-	
	alation exposure: No information available No information available				
Inhalation exposure	e: No information	available	available	-	
Inhalation exposure	e: No information	available		-	
•	y irritation:			-	
•			available	-	
Respirator			available	-	
Respirator	y irritation:		available	Method	Note
Respirator	y irritation: and corrosion	No inf	available ormation available		Note -
Respirator Irritation a	y irritation: and corrosion	No info	available ormation available Evaluation		
Respirator Irritation a Skin irritation:	y irritation: Ind corrosion Exposure time	No info	available ormation available Evaluation -	Method -	-
Respirator Irritation a Skin irritation:	y irritation: Ind corrosion Exposure time -	No info	available ormation available Evaluation -	Method -	-
Respirator Irritation a Skin irritation: Eye irritation: Sensitization	y irritation: Ind corrosion Exposure time -	Species	available ormation available Evaluation -	Method -	-
Respirator Irritation a Skin irritation: Eye irritation:	y irritation: Ind corrosion Exposure time	Species lable	available ormation available Evaluation -	Method -	-
Respirator Irritation a Skin irritation: Eye irritation: Sensitization Dermal exposure: Inhalation exposure:	y irritation: Ind corrosion Exposure time On No information avai No information avai	Species lable	available ormation available Evaluation -	Method - -	-
Respirator Irritation a Skin irritation: Eye irritation: Sensitization Dermal exposure: Inhalation exposure: Symptoms	y irritation: Ind corrosion Exposure time On No information avai No information avai	Species lable lable	available ormation available Evaluation	Method - -	-
Respirator Irritation a Skin irritation: Eye irritation: Sensitization Dermal exposure: Inhalation exposure: Symptoms Oral exposure:	y irritation: Ind corrosion Exposure time On No information avai No information avai	Species	available ormation available Evaluation	Method - -	-
Respirator Irritation a Skin irritation: Eye irritation: Sensitization Dermal exposure: Inhalation exposure:	y irritation: Ind corrosion Exposure time on No information avai No information avai Ro information avai No information a	Species	available ormation available Evaluation	Method - -	-



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	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	-
Chronic inhalation	No information available	No information available	No information available	No information available	No information available	-

Specific target organ toxicity – repeated exposure (STOT RE):					
	Specific effects	Target organ	Note		
Subacute oral	No information available	No information available	-		
Subacute dermal	No information available	No information available	-		
Subacute inhalation	No information available	No information available	-		
Subchronic oral	No information available	No information available	-		
Subchronic dermal	No information available	No information available	-		
Subchronic inhalation	No information available	No information available	-		
Chronic oral	No information available	No information available	-		
Chronic dermal	No information available	No information available	-		



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Chronic	inhalation	No informat	tion available	No information available	-
	CMR effects (c	carcinogenicity	. mutagenicity	, reproductive toxicity)	
	Carcinogenicit			available data, the classification criteria	are not met.
	Mutagenicity i	in-vitro:	Based on	available data, the classification criteria	are not met.
	Genotoxicity:		Based on	available data, the classification criteria	are not met.
	Mutagenicity i			available data, the classification criteria	
	Germ cell mut			available data, the classification criteria	
	Reproductive :	toxicity:	Based on	available data, the classification criteria	are not met.
11.2	Summary of e			ties: -	
11.2.1.	Endocrine disr				
		nce/mixture ponents con ne disrupting REACH Artic Delegated regi	does not sidered to properties le 57(f) or ulation (EU) Regulation		
11.2.2.	Other informa	tions:	:		
	-				

SECTION 12. Ecological information

12.1. Toxicity

Acute toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	-	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	-	-
Algae/aquatic plants	IC ₅₀	8 days	No information available	No information available	-	-
Microorganisms	LC ₅₀	72 hours	-	_	_	-



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Chronic toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	No information available	-
Algae/aquatic plants	IC ₅₀	72 hours	No information available	No information available	No information available	-
Other organisms	-	-	-	-	-	-

12.2. Persistence and degradability

Abiotic degradation

	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	-

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RIOO	laara	Nation.
טוטט	ı c uı at	dation

% Degradation	Time (days)	Method	Evaluation	Note
No information available				

12.3. Bioaccumulative potential

Partition coefficient: n-octanol/water (log Kow):

Value	Concentration	рН	°C	Method	Evaluation	Note
-	No information available	_	_	No information available	No information available	-

Bioconcentration factor (BCF)



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\	√alue		Species	N	1ethod		Evaluation		Note	
	No information No informati available available		on No information available		No information available	No inform	lo information available			
	Chronic	ecotoxic	ity							
	Value		Dose	Exposure time	Spe	ecies	Method	Evalua	tion	Note
Chroni	c toxicity o	on fish	LC ₅₀	No information available	No infori availa	mation able	No information available	No inform available	nation	-
	c toxicity c cea (<i>Daphr</i>		EC ₅₀	No information available	No infori availa	mation able	No information available	No inform available	nation	-
12.4.	Mobility	, in soil								
			ted distributi	on in environr	mental o	compart	ments:			
	Known			on in environr	mental d	compart	ments:			
	Known	or predic		on in environr	mental d	compart	ments:			
	Known o	or predic rmation a tension:		On in environ		compart	ments:			Note
	Known of No infor	or predic rmation a tension: e N tion ir	available		ation			able	-	Note
	Known of No information of No	or predic rmation a tension: e N tion ir	°C lo nformation	Concentr No informa	ation		Method	able	-	Note
	No infor Surface Valu No informat available	or predic rmation a tension: e N tion ir	°C lo nformation vailable	Concentr No informa	ation		Method	able	-	Note
Transp	No information available	tension at tension: e tion ir at tension ir at tension at tensio	°C lo nformation vailable	Concentr No informa	ation	No inf	Method		thod	Note
	No information available ort	or predic rmation a tension: e Ntion ir e a	°C lo nformation vailable corption	Concentr No informavailable	ation ation	No inf	Method Formation avail		thod	
Transp	Known of No information available ort No ater No available No available No available No available No available No ater No available No	ion / des A/D coe Henry's e	°C lo nformation vailable corption efficient constant	Concentr No information available log Kow	ation ation ion No	No inf Evapo o inform	Method formation avail ration rate	Met No inform	thod	



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12.5. Results of	PBT and vPvB assessm	ent			

12.5.	Results of PBT and vPvB assessment
12.3.	The substance/mixture does not contain components considered to have endocrine disrupting properties
	according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission
	Regulation (EU) 2018/605 at levels of 0.1% or higher.
12.6.	Endocrine disrupting properties
	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
12.7.	Other adverse effects
	No information available
	TVO INIONIMATION AVAILABLE
SECTIO	N 13. Disposal considerations
13.1.	Waste treatment methods
13.1.	Waste deather methods
13.1.1.	Product/Packaging disposal:
	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:
	No information available
13.1.3.	Waste treatment – relevant information:
	No information available
13.1.4.	Sewage disposal – relevant information:
	Waste must not be disposed of into the sewage system.
13.1.5.	Other disposal recommendations:
	Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge. Do not dispose of in places where ignition may occur.
13.1.6.	Relevant Community provisions:



SAFETY DATA SHEET

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

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SECTION 14. Transport information	
Transporting/shipment by road	(ADR)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by rail (R	IID)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Inland waterway transport (ADN)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by sea (II	MDG)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
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:	-



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Special precautions for user:		-
Further information:	_	

15.1.	Safety, health and enviror	nmental regulations/legislation specific for the substance or mixture			
	EU regulations				
	Authorization and/or rest	rictions of use			
	Authorizations:	-			
	Restrictions:	-			
	Other EU regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 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; REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);			
	Information according 19 guideline)	99/13/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 assessme	ent			
	None				

SECTION 16. Other information	
16.1. Indication of changes:	-



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Trading name:	SODIUM NITRITE, SOLUTION				
Product code:	NAN-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

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 u 1272/2008 (CLP)	sed to derive the classification for mixture according to Regulation (EC)		
Classifi	cation	Classification procedure		
_		-		
16.5.	Relevant H statements (numb	er and full text)		
	272	May intensify fire; oxidizer.		
	H: 301	Toxic if swallowed.		
	319	Causes serious eye irritation.		
	400	Very toxic to aquatic life.		
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.		

			-	_
Δ	NI	Ν	_	44
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Exposure scenario resulting to Chemical safety assessment



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Trading name:	FAST GARNET GBC, SOLUTION				
Product code:	FGGBC-OT-X**	Date of compilation:	14 November 2022	Version:	2

SECTI	ON 1: Identification of	the substance	e/mixture	and of the company/undertaking	
1.1	Product identifier				
	Trading name:	FAST GARN	FAST GARNET GBC, SOLUTION		
	Chemical name:	-			
	Catalogue number:	FGGBC-OT-	X**		
1.2	Relevant identified us	es of the subs	tance or n	nixture and uses advised against	
	Uses:		For use	in cytochemical diagnostics.	
	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:		BioGnost Ltd.		
	Address:	Address:		Medjugorska 59, Zagreb	
	Telephone number:		+385 1 2409997		
	Telefax.:		+385 1 2404039		
	e-mail of competent p	person:	msds@biognost.hr		
	National contact:		-		
1.4	Emergency telephone	number			
	National Protection a	nd Rescue Dire	ectorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			-	

SECTIO	N 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 ca	Hazard class and category code: Hazard statements*:				
	Acute Tox. 4	H302				
	Skin Sens. 1		H317			
	Carc. 1B		H350			
2.1.2.	Additional information					
	-					
*For fu	ll text of Hazard- and EU Haza	ard-statements: see	e SECTION 16			
2.2	Label elements					
	Product identification:	FAST GARNET	T GBC, SOLUTION			
	Identification number:	-				



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Trading name:		FAST GARNET GBC, SOLUTION					
Product code:	FGGBC-OT-X**	Date of compilation:	14 November 2022	Version:	2		

	Authorization number:	-
	Hazard pictograms:	GHS07 GHS08
	Signal word:	Danger
	Hazard statements:	H302 Harmful if swallowed.H317 May cause an allergic skin reaction.H350 May cause cancer.
	Precautionary statements:	 P201 Obtain special instructions before use. P234 Keep only in original packaging. P280 Wear protective gloves. P301 + P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately al contaminated clothing. Rinse skin with water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	Supplemetal hazard information (EU):	-
3	Other hazards	
	Endocrine Disrupting Propertie	es:
	No known endocrine disrupting	properties.

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)			
111-46-6/ 203-872-2/ 603-140-00-6	01-2119457857-21- XXXX	>50%	diethylene glycol	Acute Tox. 4; H302			
97-56-3/ 202-591-2/ 611-006-00-3	-	<10%	4-o-tolylazo-o-toluidine	Carc. 1B; H350 Skin Sens. 1; H317			

SECTION 4. First aid measures

4.1 Description of first aid measures



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	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 oral cavity, drink 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
	Following inhalation:	Depending on concentration and exposure time, it may lead to mucosa irritation, cough, and dyspnea.
	Following skin contact:	Depending on concentration and exposure time, it may lead to irritation, rash, skin drying and skin cracking.
	Following eye contact:	Depending on concentration and exposure time, it may lead to irritation, tearing, redness and pain.
	Following ingestion:	Danger of gastric perforation.
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:	Small fire - water spray, dry powder, CO2 Large fire - water spray or alcohol-resistant foam			
	Unsuitable extinguishing media:	Water with full jet			
5.2	Special hazards arising from the su	ubstance or mixture			
	Hazardous combustion products:	No information available			
5.3	Advice for firefighters				
	Use a self-contained open-circuit o	compressed air breathing apparatus and fireproof clothing.			
5.4	Additional information				
	Do not contaminate the environme	ent with extinguishing media.			



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SECTIO	ON 6. Accidental release meas	ures		
6.1	Personal precautions, protective	ve 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 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 containment and cleaning up			
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.		
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:	Do not use incompatible materials (see Section 10).		
6.4	Reference to other sections			
	See Section 7 for information of	on safe handling.		
	See Section 8 for information on personal protection equipment. See Section 13 for disposal information.			

SECTIO	ION 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.			
	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:	-			
7.1.2.	Advice on general occupational hygiene:				



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	Do not eat, drink or smoke in the workspace. The	noroughly wash hands after work and before eating.
7.2	Conditions for safe storage, including any incor	npatibilities
	Technical measures and storage conditions:	Keep in tightly closed and upright set containers at temperatures ranging from +2 to +8 °C.
	Packaging materials:	Manufacturer's original packaging. Avoid metal containers.
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.
	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:	-

Substance Substance name: EC No: DNEL	-	CAS No	.S No - -: -		es/short	exposure limit term values mg/m³	Biological limit values No information available
Substance name: EC No: DNEL		CAS No		pp -	m		No information available
Substance name: EC No: DNEL		CAS No				-	No information available
EC No: DNEL		CAS No): -				
Double of							
D				Indu	strial		
Route of exposure:	Acu effect		Acu effect sy			Chronic effect local	Chronic effect systemic
Oral -	-		-		-		-
Inhalation -	_		-		-		-
Dermal -	-		-		-		-
Critical physical para	meters: s	solubility,	flammabil	ity, corro	sivity:	-	•



Other skin protection:

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Product	Loue.	rddbC-O1-X	Da	te oi	compliation.	14 Novem	ibel 2022 Version. 2
Route of exposure	:	Acute effect local	Acute effect system		Chron effect lo		Chronic effect systemic
Oral		-	-		-		-
Inhalation		-	-		-		-
Dermal		-	-		-		-
PNEC							
Environme	ental prot	ection target		ı	PNEC		
Fresh wate	er			1	no information av	ailable	
Freshwate	r sedimei	nts		ı	no information av	ailable	
Marine wa	ater			ı	no information av	ailable	
Marine se	diments			ı	no information av	ailable	
Food chai	n			1	no information available		
Microorga	nisms in	sewage treatment		ı	no information available		
Soil (agric	ultural)			ı	no information available		
Air					no information av	ailable	
8.2 8.2.1.	-	ure controls	controls				
8.2.1.	Substa	priate engineering on nce/mixture related nt exposure during i	d measures to) .c.	•		ted rooms. Use personal eat, drink or smoke in the
Structural measures to prevent exposure: Organisational measures to prevent exposure: Technical measures to prevent exposure:		In accordance with Section 7. Organization of work in order to reduce other worker's influence during work process.					
					Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels. Secure stations for rinsing eyes and showering.		
		8.2.2.	Persor	nal protection equip	ment		
8.2.2.1.	Eye an	d face protection:	leve	Safety glasses that stick to face (EN 166) or visor in case of low levels of concentration in air; protective gas mask that covers t entire face in case of higher levels of concentration in air.		e gas mask that covers the	
8.2.2.2.	Skin p	rotection	<u> </u>				
	Hand _l	protection:	Pro	tectiv	ve nitrile gloves, >	0.11 mm thi	ck (EN 374).

Wear antistatic clothing made of natural fibers (such as cotton)

with long sleeves (EN 340) and shoes that cover the entire foot.



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8.2.2.3.	Respiratory protection:	Not required under normal conditions of use. Use suitable respiratory protective device when high concentrations are present.
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	chemical properties	
		Value	Method
	Physical state:	liquid	Visual inspection
	Colour:	orange brown	Visual inspection
	Odour/odour threshold:	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	No information available
	Flammability:	No information available	No information available
	Lover and upper explosion limit:	No information available	No information available
	Flash point:	No information available	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	pH:	No information available	No information available
	Kinematic viscosity:	No information available	No information available
	Solubility:	No information available	No information available
	Partition coefficient noctanol/water (log value):	No information available	No information available
	Vapour pressure:	No information available	No information available
	Density and/or relative density	No information available	No information available
	Relative vapour density:	No information available	No information available
	Particle characteristics:	No information available	No information available



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9.2	Other information
	-

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

11.1	Information	on toxicolo	gical effects					
	Acute toxici		<u> </u>					
Route exposu		Method	Species	Dose LD₅ ATE		Exposure ti	me Re	esults
Oral:		_	No information available	-	-	No informatio available	n	-
Derma	ıl:	-	No information available	-		No informatio available	n	-
Inhalat	tion:	-	No information available	-		No informatio available	n	-
Oral	Specific targ	S	xicity – single expos pecific effects		Target or		Note	!
Oral:			tion available		formation av		-	
D	II.	No informa	tion available	ino in	formation av	aliable	-	
Derma Inhalat	tion:	No informa	tion available	No in	formation av	ailable	-	
	Aspiration h			No in		ailable	-	
		nazard:		1 -		ailable		
	Aspiration h	nazard: d corrosion		1 -			Not	te



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Serious eye		_	_	_	_
damage/irritation					
Sensitization					
Skin sensitization:	-				
Respiratory sensitization:	-				
Symptoms related	to the physical, cher	mical and toxicolo	gical character	istics	
Out the New York		_			

No information available.
No information available.
No information available.
No information available.
-

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	-



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Chronic inhalatior	No n av	o information ailable	No information available	No information available	No information available	No information available	on -
	Specific targ	get organ toxicit	y – repeated ex	posure (STOT	RE):		
<u> </u>	·		Specific effect		Target o	rgan	Note
Subacute	oral	No informa	tion available		No information	n available	-
Subacute	dermal	No informa	tion available		No information	-	
Subacute	inhalation	No informa	tion available		No information available -		
Subchron	ic oral	No informa	tion available		No information	n available	-
Subchron	ic dermal	No informa	tion available		No information	n available	-
Subchron	ic inhalatio	n No informa	tion available		No information	n available	-
Chronic o	oral	No informa	tion available		No information	n available	-
Chronic d	lermal	No informa	tion available		No information	n available	-
Chronic ir	nhalation	No informa	tion available		No information	n available	-
1	Carcinogeni Mutagenicit Genotoxicit Mutagenicit Germ cell m Reproductiv	cy in vitro: y: cy in vivo: nutagenicity:		Current in No inform Current in No inform No inform No inform	vitro tests did no ation available. vivo tests did no ation available. y on reproductive	ot indicate m	nutagenic effects. utagenic effects.
	•	of evaluation	of the CM	IR	ive organs. ation available.		
11.2 I	nformation	on other hazard	ds:				
11.2.1. I	Endocrine d	isrupting prope	rties:				
		endocrine disrup numan health.	ting properties				
11.2.2. (Other inforr	mations:					

SECTION 12. Ecological information



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Trading name:		FAST GARNET GBC,	SOLUTION		
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12.1 Toxicit			_						
Acute (short-te toxicity	rm)	Dose	Exposur time	e	Species	Method	Evalı	uation	Note
Fish		LC ₅₀	96 hours		information ilable	No information available	No information available		-
Crustacea:		EC ₅₀	48 hours		information ilable	No information available	No infori availa	mation able	-
Algae/aquatic μ	olants	IC ₅₀	8 days		information ilable	No information available	No infori availa	mation able	-
Other organism	าร	-	72 hours	-		-	-		-
Chronic (long-t toxicity	erm)	Dose	Exposur time	е	Species	Method	Evalı	uation	Note
Fish		LC ₅₀	96 hours		information ilable	No information available	No informavaila	mation able	-
Crustacea:		EC ₅₀	48 hours	•	information ilable	No information available	No infor availa	mation able	-
Algae/aquatic p	olants	IC ₅₀	72 hours		information ilable	No information available	No infori availa	mation able	-
Other organism	าร	_	-	-		-	-		-
12.2			- :1:1-						
		nd degradab	Dility						
ADIOTI	c degra		alf lives		1athad	Evolusti	on		Note
	De	gradation ha	an-nves		Method ormation	Evaluation			Note
Marine water	No ir	nformation a	vailable	availab		No information available		-	
Fresh water	No ir	nformation a	vailable	No inf	ormation ble	No information	on	-	
Air	No ir	nformation a	vailable	No inf	ormation ble	No information	on	-	
Soil	No ir	nformation a	vailable	No infa	ormation ble	No information	on	-	
	1								
	gradatio								
% Degradation	on	Time (d	days)	<u> </u>	/lethod	Evaluation	on		Note



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	ct code:	FC	GGBC-OT-X	(**	Date	e of co	mpilati	on:	14 No	vembe	r 2022	Version:	2
No info availabl	rmation le		No ir available	nformation	No int	formation ble		No ir availa	nformation able	1	-		
12.3	Diocesi	mar il a t	ivo notonti	al .									
12.5			r partition		(log Kow	γ)							
Valu			ntration	рН	°C		ethod		Evalua	ation		Note	
-	No		mation	-	-		rmation		No inform available		-		
	Bioconc	centrat	tion factor ((BCF)									
V	'alue		Speci	ies		Method			Evaluation	on		Note	
No info availabl	rmation e	No av	o in vailable	formation	No inf availat	ormatic ole	n		information ilable	on	No inf availat	ormation ble	
	Chronic	ecoto	oxicity										
	Value		Do	CD .	oosure time	Spe	ecies	٨	1ethod	Evalu	uation	Note	
Chronic	toxicity (on fish	1 LC ₅₀		mation able	No inforr availa	mation Ible		ormation ilable	No inform availal		-	
	toxicity on the toxicity of th		EC ₅₀		mation able	No inforr availa	nation Ible		ormation ilable	No inform availal		-	
12.4	Mobility	y in so	il										
		·············	dicted dist		environn	nental c	ompart	ment	:s:				
			on available	2									
	Surface			_	, .				.1 .	<u> </u>		N	
	Valu	ıe	°C		Concentr	ation	0 0 0 0 0 0 0 0 0	Me	ethod			Note	
	No informa availabl		No informati available	On :	informa ailable	ation	No inf availal		ition	-			



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Transport Soil-water Water-air Soil-air 12.5. Resul No in 12.6. Endo No kr	A/D coefficient Henry's constant No information available No information available No information available Its of PBT and vPvB assemformation available Octine disrupting propert	log Kow No information available No information available No information available ssment	Evaporation rate No information available No information available No information available	Method No information available No information available No information available	Note
Transport Soil-water Water-air Soil-air 12.5. Resul No in 12.6. Endo No kr	A/D coefficient Henry's constant No information available No information available No information available lts of PBT and vPvB assenformation available	No information available No information available No information available	No information available No information available No information	No information available No information available No information	
Soil-water Water-air Soil-air 12.5. Resul No in 12.6. Endo No kr	Henry's constant No information available No information available No information available Its of PBT and vPvB assemformation available	No information available No information available No information available	No information available No information available No information	No information available No information available No information	
Water-air Soil-air 12.5. Resul No in 12.6. Endo No kr	available No information available No information available Its of PBT and vPvB assenformation available	available No information available No information available	available No information available No information	available No information available No information	
Soil-air 12.5. Resul No in 12.6. Endo No kr	available No information available Its of PBT and vPvB assenformation available	available No information available	available No information	available - No information -	
12.5. Resul No in 12.6. Endo No kr	available Its of PBT and vPvB assenformation available	available		i -	
No in 12.6. Endo No kr	nformation available	ssment			
12.6. Endo No kr					
No kr	ocrine disrupting propert				
12.7. Other		ies			
	nown endocrine disrupt	ing properties that	affect the environn	nent.	
No ir.	r adverse effects				
	nformation available				
SECTION 13.	Disposal consideration	ns			
13.1 Wa	aste treatment methods				
13.1.1. Pro	oduct/Packaging disposa	al:			
	omit for disposal to the otection.	legal person autho	rized by the Ministr	y of Environmental and	d Nature
13.1.2. Wa	aste codes/waste design	ations according to	Law:		
No	information available				
13.1.3. Wa	aste treatment – relevant	t information:			
No	information available				
13.1.4. Sew					



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Trading name:					
Product code:	FGGBC-OT-X**	Date of compilation:	14 November 2022	Version:	2

	Waste must not be disposed of into the sewage system.						
13.1.5.	Other disposal recomme	endations:					
	authorized by the minist	dispose of the product's remains into the sewage system. Submit the remains to the collectors ed by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit taging to the collectors authorized by the ministry in charge. Do not dispose of in places where may occur.					
13.1.6.							
	-						
SECTIO	N 14 TRANSPORT INFORM	MATION					
	Transporting/shipment by	road (ADR)					
UN num	nber:	Not subject to transport regulations					
UN prop	oer shipping name:	-					
Transpo	rt hazard class(es):	-					
Packing	group:	-					
Environ	mentally hazardous:	-					
Special	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:	-					
Environ	mentally hazardous:	-					
Special	precautions for user:	-					
	Inland waterway transport	(ADN)					
UN num	nber:	Not subject to transport regulations					
UN prop	per shipping name:	-					
Transpo	rt hazard class(es):	-					
Packing	group:	-					
Environ	mentally hazardous:	-					
Special	precautions for user:	-					
	Transporting/shipment by	sea (IMDG)					
UN num	nber:	Not subject to transport regulations					
UN prop	per shipping name:	-					
Transport hazard class(es):		-					



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Trading name:	FAST GARNET GBC, SOLUTION				
Product code:	FGGBC-OT-X**	Date of compilation:	14 November 2022	Version:	2

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: -	

.1 Safety, health and envir	Safety, health and environmental regulations/legislation specific for the substance or mixture				
EU regulations					
Authorization and/or re	strictions of use				
Authorizations:	-				
Restrictions:	-				
Other EU regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 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; REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);				



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Trading name:					
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	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 10	6. Other information			
16.1	Ind	lication of changes:	-		
16.2	Ab	breviations and acronyms:	PBT vPvB LD ₅₀ LC ₅₀ TCOJ	Stable, bioaccumulative and toxic Strongly stable and strongly bioaccumulative. Lethal dose, 50% Lethal concentration, 50% Specific target organ toxicity - single exposure	
16.3.	Key literature references and source of data:		-		
16.4.		ssification and procedure t 72/2008 (CLP)	used to derive the	classification for mixture according to Regulation (EC)	
Classifi -	Classification C		Classification procedure -		
16.5.	Rel	evant H statements (numb	er and full text)		
		302	Harmful if swallowed.		
	H:	317	May cause an alle	rgic skin reaction.	
		350	May cause cancer.		
16.6.	Tra	ining advice:	-		
	.7. Further information: W		** "X" in the prod the product)	uct code marks different volumes (different packagings of	
16.7.			We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.		

ANNEX: Exposure scenario resulting to chemical safety assessment
-



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Trading name:	ACP BUFFER				
Product code:	NAP-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

SECTI	ION 1. Identification of	the substan	ce/mixture	and of the company/undertaking	
1.1.	Product identifier				
	Trading name:	ACP BUFF	ER		
	Chemical name:	-			
	Catalogue number:	NAP-OT-X	(**		
1.2.	Relevant identified us	es of the sub	stance or mi	xture and uses advised against	
	Uses:		For use in cy	tochemical diagnostics.	
	Uses advised against:		Only the ide	ntified 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:		BioGnost Ltd.		
	Address:	١	Medjugorska 59, Zagreb		
	Telephone number:		+385 1 2409997		
	Fax no.:		+385 1 2404039		
	e-mail of competent	person: <u>r</u>	msds@biognost.hr		
	National contact:	-	-		
1.4.	Emergency telephone	number			
	National Protection and Rescue I		rectorate:	112	
	National Protection a	na kescue Di			
	National Protection a Medical information:	na Rescue Di		+385 1 2348 342	

SECTIO	CTION 2. Hazards identification						
2.1.	Classification of the substance or mixture						
2.1.1.	Classification according to Regula	tion (EC) No 1	272/2008 (CLP)				
	Hazard class and category	code:	Hazard statements*:				
	Not identified as hazardous substance						
2.1.2.	Additional information						
	-						
*For fu	ll text of Hazard- and EU Hazard-sta	atements: see S	ection 16				
2.2.	Label elements						
	Product identification:	ACP BUFFER					
	Identification number:	-					
	Authorization no.:	-					
	Hazard pictograms:	-					



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	Signal word:	-	
	Hazard statements:	-	
	Precautionary statements:	-	
	Further information:	-	
2.3.	Other hazards		
	Endocrine Disrupting Properties:		
	No known endocrine disrupting properties		
	Results of PBT and vPvB assessment : According to the results of its assessment, this substance is not a PBT or a vPvB.		

SECTION 3. Composition/information on ingredients				
CAS/ EC/ Index no.	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
_	-	-	Contains no hazardous substances	-

SECTION	SECTION 4. First aid measures				
4.1.	Description of first aid measures				
	General notes:	-			
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. If breathing becomes erratic or it stops, immediately apply artificial respiration (other than mouth-to-mouth) and contact a physician.			
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water and soap. Seek medical assistance if the symptoms of irritation remain.			
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open using clean fingers. If the symptoms remain, immediately call a physician.			
	Following ingestion:	Do not induce vomiting. Make the afflicted person drink a glass of water. If spontaneous vomiting occurs, wash the mouth with water, then make the person drink 100-200 ml of water and seek medical attention.			
	Self-protection of the first aider:	Treat symptomatically.			
4.2.	Most important symptoms and effects, both acute and delayed				
	FOIIOWING INNAISTION.	ccording to our findings, chemical, physical and toxicological properties of substance have not been entirely tested.			
	FUIIOWING SKIN CONTACT.	ccording to our findings, chemical, physical and toxicological properties of e substance have not been entirely tested.			



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Trading name:	ACP BUFFER			_
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	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 5. Firefighting measures			
5.1.	Extinguishing media		
	Suitable extinguishing media:	Small fire - water spray, dry powder, CO ₂ Large fire - water spray or alcohol-resistant foam	
	Unsuitable extinguishing media:	water 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. Cool closed containers exposed to fire with water spray or vapor.		
5.4.	Additional information		
	Remove sources of heat and ignition Do not contaminate the environm		

SECTION 6. Accidental release measures			
6.1.	Personal precautions, protective equipment and emergency procedures		
6.1.1.	For non-emergency personnel		
	Protective equipment:	Use personal protective equipment (see Section 8).	
	Accident prevention methods	Evacuate members of all non-essential personnel and those members without protective equipment. Remove all sources of sparks and ignition. Do not smoke.	
	Emergency procedures:	Mark the area using proper signs.	
6.1.2.	For emergency responders:		
	Wear 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 containment and cleaning up		
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.	



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6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using inflammable material (sand, diatomaceous earth, vermiculite). 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 and involved materials with water.
6.3.3.	Other information:	-
6.4.	Reference to other sections	
	-	

	ON 7. Handling and storage				
7.1.	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:	Keep away from sources of heat and ignition. Do not smoke.			
	Measures to prevent aerosol and dust generation:	Secure proper ventilation.			
	Measures to protect the environment: Other measures:	Prevent spilling into the sewage system and waterways.			
7.1.2.	Advice on general occupational hygiene:	,			
	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating.				
7.2.	Conditions for safe storage, including any incompatibilities				
	Technical measures and storage conditions:	Keep in tightly closed and upright set containers in a well ventilated storage rooms, and away from sources of heat, sunlight, and other incompatible substances.			
	Packaging materials:	Manufacturer's original packaging.			
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.			
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.			
	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 9).			
7.3.	Specific end use(s)				
	Recommendations:	-			
	Industrial sector specific solutions:	-			



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8.1. Control para	meters					
Substance		CAS No		•	exposure limit t term values	Biological limit values
			k	opm	mg/m³	
-		-		-	-	No information available
-						
Substance name:						
EC No: -	С	AS No: -				
DNEL	·					
			Ind	lustrial		
Route of	Acu	te	Acute	9	Chronic	Chronic
exposure:	effect	local e	effect syst	temic	effect local	effect systemic
Oral	-	-			-	-
Inhalation	-	-			-	-
Dermal	-	-				-
Critical physical parar	neters: solu	ubility, flammak	oility, cor	rosivity:	-	
			Cor	nsumer		
Route of	Acu		Acute	9	Chronic	Chronic
exposure:	effect	local e	effect syst	temic	effect local	effect systemic
Oral	-	-			-	-
Inhalation	-	-			-	-
Dermal	-	-			-	-
PNEC						
Environmental protec	tion target			PNEC		
Fresh water				No information available		
Freshwater sediments				No information available		
Marine water				No information available		
Marine sediments				No information available		
Food chain			No information available			
Microorganisms in sewage treatment				No information available		
Soil (agricultural)				No information available		
Air				No infor	mation available	



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8.2.	Exposure controls				
8.2.1.	Engineering measures				
	Substance/mixture related measures to prevent expoduring identified uses:		Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace.		
	Structural measures to prexposure:	event	No information available		
	Organisational measures prevent exposure:	to	Organization of work in order to reduce other worker's influence during work process.		
	Technical measures to pre exposure:	event	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.		
8.2.2.	Personal protection equip	oment			
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (preventing splashing) (EN 166) ovisor.			
8.2.2.2.	2. Skin protection				
	Hand protection:	1	ctive gloves must be according to the EU Directive 2016/425/EEC and ard EN 374. Glove material: nitrile rubber Glove thickness: ≥0.50 mm Break through time: >480 min		
	Other skin protection:		antistatic clothing made of natural fibers (such as cotton) with long s (EN 13034), and shoes that cover the entire foot (EN 10335).		
8.2.2.3.	Respiratory protection:	filter f	ctive full face mask (EN 136) or half mask (EN 140) equipped with a or organic vapors, type "A" (boiling point >65°C) acording to EN) used when concentration levels exceed GVI.		
8.2.2.4.	Thermal hazards:	No inf	ormation available		
8.2.3.	Environmental exposure	controls			
	Substance/mixture related measures to prevent expo		See Section 6		
	Structural measures to pr exposure:	event	Use modern equipment.		
	Organisational measures prevent exposure:	to	Adapt the work process to the required working conditions of the workplace.		
	Technical measures to pro	event	See Section 6		

SECTI	SECTION 9. Physical and chemical properties				
9.1.	Information on basic physical and chemical properties				
		Value	Method		



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Physical state:	liquid	No information available
Colour:	colourless	No information available
Odour/odour threshold:	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	No information available
Flammability:	No information available	No information available
Lover and upper explosion limit:	No information available	No information available
Flash point:	No information available	No information available
Auto-ignition temperature:	No information available	No information available
Decomposition temperature:	No information available	No information available
рН:	5.15 – 5.25	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
Other information		

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

SECTIO	SECTION 11. Toxicological information				
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008				
	Acute toxicity:				



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Route of exposure:	Method	Species	Effective dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	e Results
Oral exposure:	No information available	_	LD ₅₀	-	-
Dermal exposure:	No information available	-	LD ₅₀		-
Inhalation exposure:	No information available	-	LC ₅₀	_	-
Specific tar	get organ toxicity – s	ingle exposure	e (STOT SE):		
<u> </u>	Specific		Target organ		Note
Oral exposure:	No information		No information available	-	
Dermal exposure:	No information	available	No information available	——————————————————————————————————————	
Inhalation exposure:	No information	available	No information available	-	
Irritation ar	nd corrosion				
	Exposure time	Species	Evaluation	Method	Note
Skin irritation:	-	-	-	-	-
Eye irritation:	-	-	-	-	-
Sensitizatio	n				
Dermal exposure:	No information avai	ilable			
Inhalation exposure:	No information avai	ilable			
			d toxicological characterist	ics	
	related to the physic	al, chemical an			
Symptoms	related to the physic		J		
		vailable			
Symptoms Oral exposure:	No information a	vailable vailable			

Repeated dose toxicity (subacute, subchronic, chronic)



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	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	-
Chronic inhalation	No information available	No information available	No information available	No information available	No information available	-

·	Specific target organ toxicity – repeated exposure (STOT RE):			
	Specific effects	Target organ	Note	
Subacute oral	No information available	No information available	-	
Subacute dermal	No information available	No information available	-	
Subacute inhalation	No information available	No information available	-	
Subchronic oral	No information available	No information available	-	
Subchronic dermal	No information available	No information available	-	
Subchronic inhalation	No information available	No information available	-	
Chronic oral	No information available	No information available	-	
Chronic dermal	No information available	No information available	-	



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Chronic	inhalation	No informat	tion available	No information available	-
	CMR effects (carcinogenicity	, mutagenicity, r	eproductive toxicity)	
	Carcinogenici	ty:	Based on av	ailable data, the classification criteria	are not met.
	Mutagenicity	in-vitro:	Based on av	ailable data, the classification criteria	are not met.
	Genotoxicity:		Based on av	ailable data, the classification criteria	are not met.
	Mutagenicity	in-vivo:	Based on av	ailable data, the classification criteria	are not met.
	Germ cell mu	tagenicity:	Based on av	ailable data, the classification criteria	are not met.
	Reproductive	toxicity:	Based on av	ailable data, the classification criteria	are not met.
	Summary of e	evaluation of th	e CMR propertie	PS: -	
	Summary of e	evaluation of th	e CMR propertie	es: -	
11.2	Information o	on other hazard	s:	PS: -	
11.2 11.2.1.	Information of Endocrine dis	on other hazard	s: ties:	PS: -	
	Information of Endocrine dis The substate contain complete have endocrine according to Commission 2017/2100 of Endocrine complete	n other hazard	does not sidered to properties le 57(f) or ulation (EU) Regulation	PS: -	
	Information of Endocrine dis The substate contain communication according to Commission 2017/2100 of (EU) 2018/60	rupting proper nce/mixture nponents con ine disrupting REACH Artic Delegated regi r Commission 05 at levels o	does not sidered to properties le 57(f) or ulation (EU) Regulation	PS: -	

SECTION 12. Ecological information

12.1. Toxicity

Acute toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	-	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	-	-
Algae/aquatic plants	IC ₅₀	8 days	No information available	No information available	-	-
Microorganisms	LC ₅₀	72 hours	-	_	_	-



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Chronic toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	No information available	-
Algae/aquatic plants	IC ₅₀	72 hours	No information available	No information available	No information available	-
Other organisms	-	-	-	-	-	-

12.2. Persistence and degradability

Abiotic degradation

	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	-

ъ.		
RIOO	laara	Nation.
DIOU	ı c uı at	dation

% Degradation	Time (days)	Method	Evaluation	Note
No information available				

12.3. Bioaccumulative potential

Partition coefficient: n-octanol/water (log Kow):

Value	Concentration	рΗ	°C	Method	Evaluation	Note
-	No information available	-	_	No information available	No information available	-

Bioconcentration factor (BCF)



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	Value Species		N	Method No information available			Note		
		No availa	No information available			No information available		ailable	
	Chronic e	cotoxici	ity						
	Value		Dose	Exposure time	Species	Method	Evaluat	tion	Note
Chroni	c toxicity or	n fish	LC ₅₀	No information available	No informatio available	No n information available	No inform available	ation	-
	ic toxicity or cea (<i>Daphni</i>		EC ₅₀	No information available	No informatio available	No information available	No inform available	ation	-
12.4.	Mobility i	in soil							
	1/	1							
		·····		on in environr	nental comp	artments:			
	No inforn	nation a		on in environr	nental comp	artments:			
	No inform	nation a	ıvailable	-					
	No inform Surface to Value	nation a	vailable °C	Concentra		Method			Note
	No inform	nation a ension: N on in	vailable °C	-	ation		able	-	Note
	No inform Surface to Value No information	nation a ension: N on in	°C o formation	Concentra No informa	ation	Method	able		Note
	No inform Surface to Value No information	mation a ension: N on in	°C o formation vailable	Concentra No informa	ation	Method	able		Note
Transp	No inform Surface to Value No informati available Adsorptio	nation a ension: N on in av	°C o formation vailable orption	Concentra No informa	ation No	Method	able	-	Note
Transp Soil-wa	No inform Surface to Value No informatic available Adsorption out No	on / deson A/D coelenry's coelenr	°C o formation vailable orption	Concentra No informa available	ation No	Method information avail poration rate		- hod	
	No inform Surface to Value No informatic available Adsorption out Adsorption ater No avail	on / desonation /	°C oformation vailable orption efficient constant	Concentra No informa available log Kow	etion No Evapon No info	Method information avail coration rate rmation e rmation	Met No inform	hod	Note



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	1	•	<u> </u>			

12.5.	Results of PBT and vPvB assessment
	No information available
12.6.	Endocrine disrupting properties
	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
12.7.	Other adverse effects
	No information available
i	
SECTIO	N 13. Disposal considerations
13.1.	Waste treatment methods
13.1.1.	Product/Packaging disposal:
	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:
	No information available
13.1.3.	Waste treatment – relevant information:
	No information available
12.1.4	
13.1.4.	Sewage disposal – relevant information:
	Waste must not be disposed of into the sewage system.
13.1.5.	Other disposal recommendations:
	Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge. Do not dispose of in places where ignition may occur.
13.1.6.	Relevant Community provisions:
	-
SECTIO	N 14. Transport information
	Transporting/shipment by road (ADR)



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UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by rail (R	ID)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Inland waterway transport (ADN)	
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by sea (IN	MDG)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
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:	-



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Further information:	-
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15.1.	Safety, health and environ	Safety, health and environmental regulations/legislation specific for the substance or mixture				
	EU regulations					
	Authorization and/or rest	rictions of use				
	Authorizations:	-				
	Restrictions:	-				
	Other EU regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EC) 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;				
		REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);				
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)					
	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 assessme	ent				
	None					

SECTION 16. Other information			
16.1. Indication of changes:	-		



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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 (1272/2008 (CLP)	used to derive the classification for mixture according to Regulation (EC)	
Classifi	cation	Classification procedure	
_		-	
16.5.	Relevant H statements (numb	er and full text)	
	H: -	-	
16.6.	Training advice:	-	
16.7.	Further information:	** "X" in the product code marks different volumes (different packagings the product) We are not responsible for consequences in case of failure to comply wi instructions for use or improper use of the product described in this material safety data sheet.	

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н	IV	ıv	ᆮ	$\mathbf{\Lambda}$	

Exposure scenario resulting to Chemical safety assessment

-



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SECTI	ON 1: Identification of t	he substance	e/mixture	and of the company/undertaking	
1.1	Product identifier				
	Trading name:	ACP SUBST	RATE		
	Chemical name:	-			
	Catalogue number:	NASBI-OT-X	X**		
1.2	1.2 Relevant identified uses of the substance or mixture and uses advised against		nixture and uses advised against		
	Uses:		For use	in cytochemical diagnostics.	
	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:		BioGnost Ltd.		
	Address:		Medjugorska 59, Zagreb		
	Telephone number:		+385 1 2409997 +385 1 2404039		
	Telefax.:				
	e-mail of competent p	erson:	msds@biognost.hr		
	National contact:		-		
1.4	Emergency telephone	Emergency telephone number			
	National Protection an	d Rescue Dire	ectorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			-	

SECTIO	SECTION 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 categor	ry code:	Hazard statements*:	
	Acute Tox. 4		H312	
	Eye Irr. 2		H319	
	Acute Tox. 4		H332	
	Repr. 1B		H360D	
2.1.2.	Additional information			
	-			
*For fu	or full text of Hazard- and EU Hazard-statements: see SECTION 16			
2.2	Label elements			
	Product identification:	ACP SUBSTRATE		



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411111111111111111111111111111111111111	Identification number:	-
	Authorization number:	-
	Hazard pictograms:	GHS08 GHS07
	Signal word:	Danger
	Hazard statements:	H312 Harmful in contact with skin.H319 Causes serious eye irritation.H332 Harmful if inhaled.H360D May damage the unborn child.
	Precautionary statements:	P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P302 + P352 IF ON SKIN: Wash with plenty of soap and water P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332 + P313 If skin irritation occurs: Get medical advice/attention. P337 + P313 If eye irritation persists: Get medical advice/attention.
	Supplemetal hazard information (EU):	-
2.3	Other hazards	
	Endocrine Disrupting Propert No known endocrine disrupting Results of PBT and vPvB asse PBT or a vPvB.	

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)
68-12-2/ 200-679-5/ 616-001-00-X	-	>50%	dimethyl formamide	Acute Tox. 4; H312 Eye Irr. 2; H319 Acute Tox. 4; H332 Repr. 1B; H360D

SECTION 4. First aid measures

4.1 Description of first aid measures



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	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 oral cavity, drink 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
	Following inhalation:	Depending on concentration and exposure time, it may lead to mucosa irritation, cough, and dyspnea.
	Following skin contact:	Depending on concentration and exposure time, it may lead to irritation, rash, skin drying and skin cracking.
	Following eye contact:	Depending on concentration and exposure time, it may lead to irritation, tearing, redness and pain.
	Following ingestion:	Danger of gastric perforation.
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:	Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).		
	Unsuitable extinguishing media:	Do not use a heavy water stream.		
5.2	Special hazards arising from the substance or mixture			
	Hazardous combustion products:	Carbon oxides, sodium oxides. Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.		
5.3	Advice for firefighters			
	Use a self-contained open-circuit compressed air breathing apparatus and fireproof clothing.			
5.4	Additional information			
	Do not contaminate the environment	ent with extinguishing media.		

SECTION 6. Accidental release measures



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6.1	Personal precautions, protective equipment and emergency procedures				
6.1.1.	For non-emergency personne				
	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 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 con	tainment and cleaning up			
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.			
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:	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 inf	ormation.			

SECTIO	SECTION 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.				
	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:	-			
7.1.2.	Advice on general occupational hygiene:				
	Do not eat, drink or smoke in the workspace. Thoroughly was	sh hands after work and before eating.			



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7.2	Conditions for safe storage, including any incor	npatibilities
	Technical measures and storage conditions:	Keep in tightly closed and upright set containers at temperatures ranging from +2 to +8 °C.
	Packaging materials:	Manufacturer's original packaging. Avoid metal containers.
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.
	Further information on storage conditions:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 10).
7.3	Specific end use(s)	
	Recommendations:	-
	Industrial sector specific solutions:	-

SECTION 8. Expos	ure contro	ols/perso	nal pro	tection				
8.1 Control pa	arameters							
Substance CA		CA	S No		pational exposure limit les/short term values			Biological limit values
					m	r	ng/m³	-
-	-		-	-			-	-
Substance name:	-							
EC No:	-	CAS No	•	-				
DNEL								
				Indus	strial			
Route of	Acı	ıte	A	Acute		Ch	ronic	Chronic
exposure:	effect	local	effect	t systemic		effe	ct local	effect systemic
Oral	-		-		-			-
Inhalation	-		-		-			-
Dermal	Dermal				-			-
Critical physical pa	rameters: s	olubility,	flamma	bility, corros	sivity:		-	
				Consi	umer			



8.2.2.

8.2.2.1.

8.2.2.2.

Personal protection equipment

Eye and face protection:

Skin protection

Hand protection:

Other skin protection:

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Route of exposure		Acute effect local	Acute effect systemi	Chroi c effect I		Chronic effect systemic		
Oral		-	-	-				
Inhalatio	n	-	-	-	-			
Dermal		-	-	-	-			
PNEC								
Environm	nental prot	ection target		PNEC				
Fresh wa	ter			no information a	vailable			
Freshwat	er sedime	nts		no information a	vailable			
Marine water				no information a	vailable			
Marine se	Marine sediments				no information available			
Food chain				no information a	vailable			
Microorg	Microorganisms in sewage treatment				no information available			
Soil (agri	cultural)			no information a	vailable			
Air				no information a	vailable			
8.2	Exposi	ure controls						
8.2.1.	Appro	priate engineering o	controls					
		nce/mixture related nt exposure during i		nrotactive equipment 1)0 not est drink or smoke in the				
	Structural measures to prevent exposure:			In accordance with Section 7.				
	Organ exposi	isational measures t ure:	to prevent	Organization of vinfluence during		duce other worker's		
	Techni	ical measures to pre	event exposure:	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels. Secure stations for rinsing eyes and showering.				

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

Wear antistatic clothing made of natural fibers (such as cotton)

with long sleeves (EN 340) and shoes that cover the entire foot.

entire face in case of higher levels of concentration in air.

Protective nitrile gloves, >0.11 mm thick (EN 374).



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8.2.2.3.	Respiratory protection:	Not required under normal conditions of use. Use suitable respiratory protective device when high concentrations are present.
8.2.2.4.	Thermal hazards:	No information available
8.2.3.	Environmental exposure controls	
	Substance/mixture related measures to prevent exposure:	See Section 6
	Structural measures to prevent exposure:	Use modern equipment.
	Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of the workplace.
	Technical measures to prevent exposure:	See Section 6

Information on basic physical and	chemical properties	
	Value	Method
Physical state:	Liquid	Visual inspection
Colour:	Colourless	Visual inspection
Odour/odour threshold:	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	No information available
Flammability:	No information available	No information available
Lover and upper explosion limit:	No information available	No information available
Flash point:	No information available	No information available
Auto-ignition temperature:	No information available	No information available
Decomposition temperature:	No information available	No information available
рН:	No information available	No information available
Kinematic viscosity:	No information available	No information available
Solubility:	No information available	No information available
Partition coefficient noctanol/water (log value):	No information available	No information available
Vapour pressure:	No information available	No information available
Density and/or relative density:	No information available	No information available
Relative vapour density:	No information available	No information available
Particle characteristics:	No information available	No information available



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9.2	Other information
	-

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

11.1	Information	n on toxicolo	gical effects					
	Acute toxic	ity:						
Route exposu		Method	Species	Dose	e LD ₅₀ /LC ₅₀ or ATE _{mix}	Exposure t	ime	Results
Oral:		_	No information available		_	No information	on	_
Derma	l:	-	No information available		-	No information	on	-
Inhalat	tion:	-	No information available		-	No information	on	_
	Specific tar	get organ to	xicity – single expos	ure (ST	OT SE):			
				(,			
		S	pecific effects		Target	organ		Note
Oral:			, , ,				-	Note
Oral: Derma	ıl:	No informa	pecific effects		Target	available	-	Note
		No informa	pecific effects tion available		Target No information	available available		Note
Derma		No informa No informa No informa	pecific effects tion available tion available tion available		Target No information No information	available available	-	Note
Derma	ion: Aspiration I	No informa No informa No informa hazard:	pecific effects tion available tion available tion available		Target No information No information No information	available available	-	Note
Derma	ion: Aspiration I	No informa No informa No informa hazard:	pecific effects tion available tion available tion available	informa	Target No information No information No information ation available.	available available available	-	
Derma	ion: Aspiration I	No informa No informa No informa hazard:	pecific effects tion available tion available tion available		Target No information No information No information ation available.	available available available	-	Note



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Serious eye damage/irritation		-	-	_	-
Sensitization					
Skin sensitization:	-				
Respiratory sensitization:	_				

Symptoms re	Symptoms related to the physical, chemical and toxicological characteristics								
Oral exposure: No information available.									
Dermal exposure:	No information available.								
Inhalation exposure:	No information available.								
Eye exposure:	No information available.								

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	-



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		No information available	No information available	No information available	No information available	No information available	n -
	Specific t	arget organ toxicit	y – repeated e	xposure (STOT	RE):		
			Specific effec	ts	Target o	rgan	Note
Subacut	e oral	No informa	ition available		No information	n available	-
Subacut	e dermal	No informa	tion available		No information	n available	_
Subacute inhalation No information avail					No information	n available	-
Subchro	nic oral	No informa	tion available		No information	n available	-
Subchro	nic derma	l No informa	tion available		No information	n available	-
Subchro	nic inhala	tion No informa	tion available		No information	n available	-
Chronic	oral	No informa	ition available		No information	n available	-
Chronic	dermal	No informa	ition available		No information	n available	-
Chronic	inhalation	n No informa	tion available		No information	n available	-
Carcinogenicity: Mutagenicity in vitro: Genotoxicity: Mutagenicity in vivo: Germ cell mutagenicity: Reproductive toxicity: Summary of evaluation of the properties:				No inform No inform No inform No inform No inform	ation available.		
11.2.		on on other hazard					
11.2.1. Endocrine disrupting properties: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or				ne EH ed on			
11.2.2.	higher. Other inf	ormations:					
	Other IIII	orriacions.					



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12.1 Toxicit	:у							
Acute (short-te toxicity	rm)	Dose	Exposur time	e Species	Method	Evaluati	on Note	
Fish L		LC ₅₀	-	-	-	-	-	
Crustacea: Algae/aquatic plants		EC ₅₀	-	-	-	-	-	
		IC ₅₀	-	-	-	-	-	
Other organism	าร	-	-	-	-	-	-	
Chronic (long-t toxicity	erm)	Dose	Exposur time	e Species	Method	Evaluati	on Note	
Fish Crustacea:		LC ₅₀	96 hours	No information available	No information available	No informati available		
		EC ₅₀	48 hours	No information available	No information available	No informati available		
Algae/aquatic plants		IC ₅₀	72 hours	No information available	No information available	No informat available		
Other organism	าร	-	-	-	-	-	-	
12.2 Persist	tence a	nd degradal	oility					
Abioti	c degra	ndation						
	De	gradation h	alf-lives	Method	Evaluatio	on	Note	
Marine water	No ir	nformation a	vailable	No information available	No informatio	on -	-	
Fresh water	No ir	nformation a	vailable	No information available	No informatio	on -	-	
Air	No ir	nformation a	vailable	No information available	No informatio	on -		
Soil	No ir	nformation a	vailable	No information available	No informatic available	on _		
Biode	gradatio	on			-			
	on	Time (d	days)	Method	Evaluatio	on	Note	
% Degradation								



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Product code: NASBI-OT-X** Date of compilation: 21 Dec 2022 Version:	Trading name:						ACP SUBSTRATE							
Value Concentration PH °C Method Evaluation Note	Produ	ıct code:	NASE	BI-OT-X*	*		Date	of co	mpilati	on: 21 De	ec 2022		Version:	2
Octanol-water partition coefficient (log Kow) Value														
Octanol-water partition coefficient (log Kow) Value														
Value Species Method Evaluation Note	12.3	Bioaccum	ulative	potentia	ıl									
Bioconcentration factor (BCF) Value Species Method Evaluation Note No information available Chronic ecotoxicity Value Dose Exposure time Species Method Evaluation Note Chronic toxicity on fish LC50 information available available available available available Chronic toxicity on fish LC50 information available availabl		Octanol-w	ater pa	artition c	oeffic	ient (log Kow)						
Bioconcentration factor (BCF) Value Species Method Evaluation Note No information available available Species Method Evaluation available Chronic ecotoxicity Value Dose Exposure time Species Method Evaluation Note Chronic toxicity on fish LC50 information available avail	Val	ue Co	ncentra	ation	рН	ł	°C	М	ethod	Evalu	ation		Note	
Value Species Method Evaluation Note No information available	-	-			-		-	-		-		-		
Value Species Method Evaluation Note No information available No information available No information available No information available - Chronic ecotoxicity Value Dose Exposure time Species Method Evaluation Note Chronic toxicity on fish LC ₅₀ No information available available No information available available No information available available No information available No information available No information available Surface tension: Value °C Concentration available No information availa														
Value Species Method Evaluation Note No information available No information available No information available No information available - Chronic ecotoxicity Value Dose Exposure time Species Method Evaluation Note Chronic toxicity on fish LC ₅₀ No information available No information available available No information available No information available - Chronic toxicity on crustacea (Daphnia) EC ₅₀ No information available No information available No information available - 12.4 Mobility in soil Known or predicted distribution in environmental compartments: No information available - No information available - -														
Value Species Method Evaluation Note														
No information available No information available No information available No information available No information available			ntration					4 - 11	_1	F 1			N.I.	
Chronic ecotoxicity			NI -	-		4:							Note	
Value Dose Exposure time Species Method Evaluation Not Not Chronic toxicity on fish Chronic toxicity on crustacea (Daphnia) EC ₅₀ Not information available Information available Not Information available Information available Surface tension: Value Concentration Not Not Not Information Inform					rorma	tion			on		on	-		
Value Dose Exposure time Species Method Evaluation Not Not Chronic toxicity on fish Chronic toxicity on crustacea (Daphnia) EC ₅₀ Not Information available Information available Not Information available Information available Information available Value Chronic toxicity on crustacea (Daphnia) EC ₅₀ Not Information available Information available Surface tension: Value Concentration Not Not Not Information Informat														
Value Dose Exposure time Species Method Evaluation Not Not Chronic toxicity on fish Chronic toxicity on crustacea (Daphnia) EC ₅₀ Not information available Information available Not Information available Information available Surface tension: Value Concentration Not Not Not Information available Note Not Not Not Not Information Not Not Not Not Not Not Not N														
Value Dose Exposure time Species Method Evaluation Not Not Chronic toxicity on fish Chronic toxicity on crustacea (Daphnia) EC ₅₀ Not information available Information available Not Information available Information available Surface tension: Value Concentration Not Not Not Information available Note Not Not Not Not Information Not Not Not Not Not Not Not N			,							1	ı.			
Chronic toxicity on fish Chronic toxicity on fish Chronic toxicity on crustacea (Daphnia) EC50 Chronic toxicity on crustacea (Daphnia) EC50 EC50 No information available Surface tension: Value Chronic toxicity on crustacea (Daphnia) EC50 No information available No information information information available Surface tension: No information information No information available		Chronic ed	cotoxici	ity										
Chronic toxicity on fish		Value		Dos	se .			Sp	ecies	Method	Evalua	ation	Note	<u> </u>
Chronic toxicity on crustacea (Daphnia) EC ₅₀ information available information available information information information information information available information info	Chron	ic toxicity on	fish	LC ₅₀		infor		infor		information	informa		-	
Known or predicted distribution in environmental compartments: No information available Surface tension: Value °C Concentration Method Note No No No information available available available available of the compartments:		•		EC ₅₀		infor		infor		information	informa		-	
Known or predicted distribution in environmental compartments: No information available Surface tension: Value °C Concentration Method Note No No No information information available available available available of the surface				,	·			,		,	•		•	
No information available Surface tension: Value °C Concentration Method Note No No No information information available available available available of the state of the s	12.4	Mobility in	n soil											
Surface tension: Value		Known or	predict	ted distri	ibutio	n in e	environm	nental (compart	ments:				
Value °C Concentration Method Note No information information No information available available No information available -		No inform	ation a	vailable										
No No information No information - available available -		Surface te	nsion:			1					<u> </u>			
information information information available available -		Value				C	oncentra	tion		Method			Note	
		informatio	n in	formatio	on			tion			-			



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	Adsorption / desorption				
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	r No information available	No information available	No information available	No information available	-
Soil-air	No information available	No information available	No information available	No information available	-
12.5.	Results of PBT and vPvB asses	ssment			
	No information available				
12.6	Fada wine dismusting propert				
	Endocrine disrupting propert No information available	es			
	TVO IIIIOTTIALIOTT AVAILABIC				
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	l:			
	Submit for disposal to the I Protection.	egal person autho	rized by the Ministr	y of Environmental	and Nature
13.1.2.	Waste codes/waste designa	tions according to	Law:		
	No information available				
13.1.3.	Waste treatment – relevant	information:			
	No information available				
13.1.4.	Sewage disposal – relevant	information:			
	Waste must not be dispose		ge system.		
12.1.5	Othor discress!	ation a			
13.1.5.	Other disposal recommend	auons:			



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Trading name:	me: ACP SUBSTRATE				
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	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	s:		
	-			
SECTION	14. Transport information			
Т	ransporting/shipment by road (ADR)		
UN numb	er:	Not subject to transport regulations		
UN prope	r shipping name:	-		
Transport	hazard class(es):	-		
Packing g	roup:	-		
Environme	entally hazardous:	-		
Special pr	ecautions for user:	-		
Т	ransporting/shipment by rail (RI	D)		
UN numb	er:	Not subject to transport regulations		
UN prope	r shipping name:	-		
Transport	hazard class(es):	-		
Packing g	roup:	-		
Environme	entally hazardous:	-		
Special pr	ecautions for user:	-		
11	nland waterway transport (ADN)			
UN numb	er:	Not subject to transport regulations		
UN prope	r shipping name:	-		
Transport	hazard class(es):	-		
Packing g	roup:	-		
Environme	entally hazardous:	-		
Special pr	ecautions for user:	-		
Т	ransporting/shipment by sea (IN	MDG)		
UN numb	er:	Not subject to transport regulations		
UN prope	r shipping name:	-		
Transport	hazard class(es):	-		
Packing g	roup:	-		
Environme	entally hazardous:	-		
Special pr	ecautions for user:	-		



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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	-
Transporting/shipment by air (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: -	

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture				
	EU regulations				
	Authorization and/or rest	rictions of use			
	Authorizations:	-			
	Restrictions:	-			
	Other EU regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 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; REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);			



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	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	N 16	. Other information			
16.1	Indi	cation of changes:	-		
16.2	Abb	previations 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.		literature references and rce of data:			
16.4.		sification and procedure (2/2008 (CLP)	used to derive the classification for mixture according to Regulation (EC)		
Classific	catior	1	Classification procedure		
_			-		
16.5.	Rele	evant H statements (numb	er and full text)		
		312	Harmful in contact with skin.		
	H:	319	Causes serious eye irritation.		
		332	Harmful if inhaled.		
		360D	May damage the unborn child.		
16.6.	Trai	ning advice:	-		
16.7.	Furt	her information:	* "X" in the product code marks different volumes (different packagings of he 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.		



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ANNEX: Exposure scenario resulting to chemical safety assessment
-



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Trading name:		ACP INHIBITOR						
Product code:	NATA-OT-X**	Date of compilation:	21 Dec 2022	Version:	2			

1.1.	Product identifier			
	Trading name:	ACP INF	HIBITOR	
	Chemical name:	-		
	Catalogue number:	NATA-C)T-X**	
1.2.	Relevant identified us	es of the s	ubstance or mix	ture and uses advised against
	Uses:		For use in cyto	ochemical diagnostics.
	Uses advised against:		Only the iden	tified 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 supplie	Details of the supplier of the safety data sheet		
	Supplier:		BioGnost Ltd.	
	Address:		Medjugorska 59, Zagreb	
	Telephone number:		+385 1 2409997	
	•		+385 1 2404039	
	Fax no.:		+385 1 240403	39
		oerson:	+385 1 240403 msds@biogno	
	Fax no.:	person:		
1.4.	Fax no.: e-mail of competent		msds@biogno	
1.4.	Fax no.: e-mail of competent National contact:	number	msds@biogno	
1.4.	Fax no.: e-mail of competent National contact: Emergency telephone	number	msds@biogno	ost.hr

SECTIO	SECTION 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 category code: Hazard statements*:				
	Not identified as hazardous sub	stance.	-		
2.1.2.	Additional information				
	-				
*For fu	ll text of Hazard- and EU Hazard-s	tatements: see S	ection 16		
2.2.	Label elements				
	Product identification:	ACP INHIBIT	DR .		
	Identification number:	-			
	Authorization no.:	-			
	Hazard pictograms:	-			



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Trading name:	ACP INHIBITOR			
Product code:	NATA-OT-X**	Date of compilation:	21 Dec 2022	Version: 2

	Signal word:	-
	Hazard statements:	-
	Precautionary statements:	-
	Further information:	-
2.3.	.3. Other hazards	
	Endocrine Disrupting Propertie	es:
	No known endocrine disrupting properties Results of PBT and vPvB assessment : According to the results of its assessment, this substance is not PBT or a vPvB.	

SECTION 3. Composition/information on ingredients				
CAS/ EC/ Index no.	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
_	-	-	Contains no hazardous substances	-

SECTION	ON 4. First aid measures		
4.1.	Description of first aid measures		
	General notes:	-	
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. If breathing becomes erratic or it stops, immediately apply artificial respiration (other than mouth-to-mouth) and contact a physician.	
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water and soap. Seek medical assistance if the symptoms of irritation remain.	
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open using clean fingers. If the symptoms remain, immediately call a physician.	
	Following ingestion:	Do not induce vomiting. Make the afflicted person drink a glass of water. If spontaneous vomiting occurs, wash the mouth with water, then make the person drink 100-200 ml of water and seek medical attention.	
	Self-protection of the first aider	: Treat symptomatically.	
4.2.	Most important symptoms and effects, both acute and delayed		
	FOIIOWING INNAISTION.	ccording to our findings, chemical, physical and toxicological properties of ne substance have not been entirely tested.	
FOIIOWING SKIN CONTACT.		ccording to our findings, chemical, physical and toxicological properties of ne substance have not been entirely tested.	



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Trading name:	ACP INHIBITOR			•
Product code:	NATA-OT-X**	Date of compilation:	21 Dec 2022	Version: 2

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

SECTIO	SECTION 5. Firefighting measures			
5.1.	Extinguishing media			
	Suitable extinguishing media:	Small fire - water spray, dry powder, CO ₂ Large fire - water spray or alcohol-resistant foam		
	Unsuitable extinguishing media:	water jet		
5.2.	Special hazards arising from the se	ubstance 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. Cool closed containers exposed to fire with water spray or vapor.			
5.4.	Additional information			
	Remove sources of heat and ignition. Do not contaminate the environment with extinguishing media.			

SECTIO	SECTION 6. Accidental release measures			
6.1.	Personal precautions, protective equipment and emergency procedures			
6.1.1.	For non-emergency personnel			
	Protective equipment:	Use personal protective equipment (see Section 8).		
	Accident prevention methods	Evacuate members of all non-essential personnel and those members without protective equipment. Remove all sources of sparks and ignition. Do not smoke.		
	Emergency procedures:	Mark the area using proper signs.		
6.1.2.	For emergency responders:			
	Wear 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 containment and cleaning up			
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay parriers		



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Trading name:	ACP INHIBITOR			
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6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using inflammable material (sand, diatomaceous earth, vermiculite). 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 and involved materials with water.
6.3.3.	Other information:	-
6.4.	Reference to other sections	
	-	

SECTIO	ON 7. Handling and storage			
7.1.	Precautions for safe handling			
7.1.1.	Protection measures			
	Measures to prevent fire:	Keep away from sources of heat and ignition. Do not smoke.		
	Measures to prevent aerosol and dust generation:	Secure proper ventilation.		
	Measures to protect the environment: Other measures:	Prevent spilling into the sewage system and waterways.		
7.1.2.	Advice on general occupational hygiene:			
	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating.			
7.2.	Conditions for safe storage, including any incompatibilities			
	Technical measures and storage conditions:	Keep in tightly closed and upright set containers in a well ventilated storage rooms, and away from sources of heat, sunlight, and other incompatible substances.		
	Packaging materials:	Manufacturer's original packaging.		
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.		
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.		
	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 9).		
7.3.	Specific end use(s)			
	Recommendations:	-		
	Industrial sector specific solutions:	-		



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Product code:	NATA-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

SECTION 8. Exposur		nal protec	tion			
8.1. Control para	meters		I			
Substance	CAS	CAS No va		al exposure limit ort term values	Biological limit values	
				ppm mg/m³		
-		-	-	-	No information available	
Substance - name:						
EC No: -	CAS No:	-				
DNEL				,		
			Industrial			
Route of	Acute		Acute	Chronic	Chronic	
exposure:	effect local	effe	ect systemic	effect local	effect systemic	
Oral	-	-		-	-	
Inhalation	-	-		-	-	
Dermal	-	-		-	-	
Critical physical parar	neters: solubility, f	lammabili	ty, corrosivity:	-		
			Consumer			
Route of	Acute	cute A		Chronic	Chronic	
exposure:	effect local	effe	ect systemic	effect local	effect systemic	
Oral	-	-		-	-	
Inhalation	-	-		-	-	
Dermal	-			-	-	
PNEC						
Environmental protec	tion target		PNEC			
Fresh water				No information available		
Freshwater sediments	5			No information available		
Marine water				rmation available		
Marine sediments				rmation available		
Food chain				rmation available		
Microorganisms in se	wage treatment			No information available		
Soil (agricultural)				rmation available		
Air			No info	rmation available		



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Product code:	NATA-OT-X**	Date of compilation:	21 Dec 2022	Version: 2

8.2.	Exposure controls				
8.2.1.	Engineering measures				
	Substance/mixture related measures to prevent expoduring identified uses:		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:		No information available		
	Organisational measures prevent exposure:	to	Organization of work in order to reduce other worker's influence during work process.		
	Technical measures to prevent		Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.		
8.2.2.	Personal protection equip	pment			
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (preventing splashing) (EN 166) or visor.			
8.2.2.2.	Skin protection				
	Hand protection:		otective gloves must be according to the EU Directive 2016/425/EEC and andard EN 374. Glove material: nitrile rubber Glove thickness: ≥0.50 mm Break through time: >480 min		
	Other skin protection:		antistatic clothing made of natural fibers (such as cotton) with long s (EN 13034), and shoes that cover the entire foot (EN 10335).		
8.2.2.3.	Respiratory protection:	filter fo	ctive full face mask (EN 136) or half mask (EN 140) equipped with a or organic vapors, type "A" (boiling point >65°C) acording to EN) used when concentration levels exceed GVI.		
8.2.2.4.	Thermal hazards:	No inf	ormation available		
8.2.3.	Environmental exposure of	controls			
	Substance/mixture related measures to prevent expo		See Section 6		
	Structural measures to pr exposure:	event	Use modern equipment.		
	Organisational measures prevent exposure:	to	Adapt the work process to the required working conditions of the workplace.		
	Technical measures to pre exposure:	event	See Section 6		

SECTI	ON 9. Physical and chemical properties		
9.1.	Information on basic physical and chem	nical properties	
		Value	Method



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Trading name:		ACP INHIBI	TOR	-	
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Physical state:	liquid	No information available
Colour:	colourless	No information available
Odour/odour threshold:	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	No information available
Flammability:	No information available	No information available
Lover and upper explosion limit:	No information available	No information available
Flash point:	No information available	No information available
Auto-ignition temperature:	No information available	No information available
Decomposition temperature:	No information available	No information available
рН:	No information available	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
Other information		

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

SECTIO	ECTION 11. Toxicological information	
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008	
	Acute toxicity:	



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Trading name:		ACP INHIBI	TOR		
Product code:	NATA-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

Route of	Method	Species	Effective dose	Exposure	Results
exposure:		1	LD ₅₀ /LC ₅₀ or ATE _{mixture}	time	
Oral exposure:	No information available	_	LD ₅₀	-	-
Dermal exposure:	No information available	-	LD ₅₀	-	-
Inhalation exposure:	No information available	-	LC ₅₀	-	-
Specific tar	get organ toxicity – s	ingle exposure	(STOT SE):		
; • •	Specific		Target organ		Note
Oral exposure: No information available			No information available	_	
Dermal exposure:	No information	available	No information available	-	
Inhalation exposure:	No information	available	No information available	-	
Respiratory		No inf	ormation available		
Irritation ar	nd corrosion				
	Exposure time	Species	Evaluation	Method	Note
Skin irritation:	-	-	-	-	-
Eye irritation:	-	-	-	-	-
	n				
Sensitizatio					
Sensitization Dermal exposure:	No information avai	ilable			
	No information avai				
Dermal exposure: Inhalation exposure:	No information avai	ilable	d toxicological characterist	ics	
Dermal exposure: Inhalation exposure:	No information avai	ilable al, chemical an	d toxicological characterist	ics	
Dermal exposure: Inhalation exposure: Symptoms	No information avai	ilable al, chemical an vailable	d toxicological characterist	ics	
Dermal exposure: Inhalation exposure: Symptoms Oral exposure:	No information avai	ilable al, chemical an vailable vailable	d toxicological characterist	ics	

Repeated dose toxicity (subacute, subchronic, chronic)



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	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	_
Chronic inhalation	No information available	No information available	No information available	No information available	No information available	-

Specific target organ toxicity – repeated exposure (STOT RE):						
	Specific effects	Target organ	Note			
Subacute oral	No information available	No information available	-			
Subacute dermal	No information available	No information available	-			
Subacute inhalation	No information available	No information available	-			
Subchronic oral	No information available	No information available	-			
Subchronic dermal	No information available	No information available	-			
Subchronic inhalation	No information available	No information available	-			
Chronic oral	No information available	No information available	-			
Chronic dermal	No information available	No information available	-			



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Chronic	c inhalation	No information	on available	No information available	-	
	CMR effects (carcinogenicity,	mutagenicity, r	reproductive toxicity)		
	Carcinogenicity: Based on available data, the classification criteria are not met.					
	Mutagenicity	in-vitro:	Based on av	vailable data, the classification criteria	a are not met.	
	Genotoxicity:		Based on av	vailable data, the classification criteria	a are not met.	
	Mutagenicity	in-vivo:	Based on av	ailable data, the classification criteria	a are not met.	
	Germ cell mu	tagenicity:	Based on av	vailable data, the classification criteria	a are not met.	
	Reproductive toxicity: Based on available data, the classification criteria are not met.					
11.2	Information o	on other hazards:				
11.2	Information o	n other hazards:				
11.2.1.	Endocrine dis	rupting propertie	es:			
	contain com have endocri according to Commission I 2017/2100 o	nce/mixture despendents considered on the considered of the constant of the co	oroperties 57(f) or ation (EU) degulation			
	higher.					
11.2.2.	1 ' '	ations:				

SECTION 12. Ecological information

Toxicity 12.1.

Acute toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	-	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	-	-
Algae/aquatic plants	IC ₅₀	8 days	No information available	No information available	-	-
Microorganisms	LC ₅₀	72 hours	-	_	-	-



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Chronic toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	No information available	-
Algae/aquatic plants	IC ₅₀	72 hours	No information available	No information available	No information available	-
Other organisms	-	-	-	-	-	-

12.2. Persistence and degradability

Abiotic degradation

	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	-

ъ.		
RIOO	laara	Nation.
DIOU	ı c uı at	dation

% Degradation	Time (days)	Method	Evaluation	Note
No information available				

12.3. Bioaccumulative potential

Partition coefficient: n-octanol/water (log Kow):

Value	Concentration	рΗ	°C	Method	Evaluation	Note
-	No information available	-	_	No information available	No information available	-

Bioconcentration factor (BCF)



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\	√alue		Species	M	ethod	Evaluation		Note	
No info	ormation	No availa	informati ble	on No inform available	nation	No information available	No inform	ation av	ailable
	Chronic	ecotoxici	ity						
	Value		Dose	Exposure time	Species	Method	Evaluat	tion	Note
Chroni	c toxicity c	on fish	LC ₅₀	No information available	No information available	No information available	No inform available	ation	-
	c toxicity c cea (<i>Daphr</i>		EC ₅₀	No information available	No information available	No information available	No inform available	ation	-
12.4.	Mobility	in soil							
	-		ted distributi	on in environm	ental compar	tments:			
	Known o			on in environm	iental compar	tments:			
	Known o	or predict		on in environm	iental compar	tments:			
	Known o	or predict mation a tension:		on in environm		tments:			Note
	Known of No infor	or predict mation a tension: e N tion in	vailable °C		tion		able	-	Note
	Known of No information of No	or predict mation a tension: e N tion in	°C o formation	Concentra No informa	tion	Method	able	-	Note
	No information available	or predict mation a tension: e N tion in	°C o formation vailable	Concentra No informa	tion	Method	able	-	Note
Transp	No information available	or predict mation a tension: e N tion in	°C o formation vailable orption	Concentra No informa	tion No in	Method	able		Note
	No informat available Adsorpt	ion / descended the descended	°C o formation vailable orption	Concentra No informa available	tion No in	Method formation avail pration rate		hod	
Transp	Known of No informat available ort No ater No available No available No available No available No available No ater No available No ava	ion / descention /	°C oformation vailable orption efficient constant	Concentra No informa available log Kow No information	tion No in Evapo No informavailable	Method formation avail pration rate mation	Met No inform	hod	



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12.5.	Results of PBT and vPvB assessment
12.5.	
	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission
	Regulation (EU) 2018/605 at levels of 0.1% or higher.
12.6.	Endocrine disrupting properties
	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
12.7.	Other adverse effects
12.7.	
1	No information available
CECTIO	N 12 Pierrand considerations
	N 13. Disposal considerations
13.1.	Waste treatment methods
13.1.1.	Product/Packaging disposal:
	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:
	No information available
13.1.3.	Waste treatment – relevant information:
	No information available
13.1.4.	Sewage disposal – relevant information:
13.1.1.	Waste must not be disposed of into the sewage system.
13.1.5.	Other disposal recommendations:
	Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge. Do not dispose of in places where ignition may occur.
13.1.6.	Relevant Community provisions:



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

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

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SECTION 14. Transport information				
Transporting/shipment by road ((ADR)			
UN number:	Not subject to transport regulations.			
UN proper shipping name:	-			
Transport hazard class(es):	-			
Packing group:	-			
Environmentally hazardous:	-			
Special precautions for user:	-			
Transporting/shipment by rail (R	ID)			
UN number:	Not subject to transport regulations.			
UN proper shipping name:	-			
Transport hazard class(es):	-			
Packing group:	-			
Environmentally hazardous:	-			
Special precautions for user:	-			
Inland waterway transport (ADN)			
UN number:	Not subject to transport regulations.			
UN proper shipping name:	-			
Transport hazard class(es):	-			
Packing group:	-			
Environmentally hazardous:	-			
Special precautions for user:	-			
Transporting/shipment by sea (II	MDG)			
UN number:	Not subject to transport regulations.			
UN proper shipping name:	-			
Transport hazard class(es):	-			
Packing group:	-			
Environmentally hazardous:	-			
Special precautions for user:	-			
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:	-			



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Special precautions for user:		-
Further information:	-	

15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture				
	EU regulations				
	Authorization and/or rest	rictions of use			
	Authorizations:	-			
	Restrictions:	-			
		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 (EC) 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;			
	Other EU regulations:	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;			
		REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);			
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)				
	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 assessme	ent			
	None				

SECTION 16. Other information		
16.1. Indication of changes:	-	



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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 (1272/2008 (CLP)	used to derive the classification for mixture according to Regulation (EC)	
Classifi	cation	Classification procedure	
_		-	
16.5.	Relevant H statements (numb	er and full text)	
	H: -	-	
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.	

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Exposure scenario resulting to Chemical safety assessment