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Trading name:		AZOCARMINE, SOLUTION				
Product code:	AZ-OT-X**	Date of compilation:	27 June 2019	Version:	3	

SECTION	ON 1: Identification of	the substance	e/mixture	and of the company/undertaking
1.1	Product identifier			
	Trading name:	AZOCARMI	ne, solu	TION
	Chemical name:	-		
	Catalogue number:	AZ-OT-X**		
1.2	Relevant identified us	es of the subs	tance or m	nixture and uses advised against
	Uses:		For use	with Azan Trichrome kit.
	Uses advised against:		Only the	identified uses are advised.
	Reason why uses advi	sed against:	medical	duct is intended for use only as an <i>in vitro</i> diagnostic device, registered at the Agency for Medicinal Products and Devices and there is no reason to use it for other purposes.
1.3	Details of the supplier	of the safety	data shee	t
	Supplier:		BioGnost Ltd.	
	Address:		Medjugorska 59, Zagreb	
	Telephone number:		+385 1 2409997	
	Telefax.:		+385 1 2404039	
	e-mail of competent p	person:	msds@b	oiognost.hr
	National contact:		-	
1.4	Emergency telephone	number		
	National Protection a	nd Rescue Dire	ectorate:	112
	Medical information:			+385 1 2348 342
	Medical Information:			. 303 1 23 10 3 12

SECTIO	SECTION 2. Hazards identification					
2.1	Classification of the substance or mixture					
2.1.1	Classification according to Reg	Classification according to Regulation (EC) No 1272/2008 (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-	statements: see S	ECTION 16			
2.2	Label elements					
	Product identification:	AZOCARMINE,	SOLUTION			
	Identification number: -					
	Authorization number:	-				
	Hazard pictograms:	-				



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	Signal word:	-
	Hazard statements:	-
	Precautionary statements:	-
	Supplemetal hazard information (EU):	-
2.3	Other hazards	
	-	

SECTION 3. Cor	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)			
-	-	-	Contains no hazardous substances	-			

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



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

SECTI	SECTION 5. Firefighting measures				
5.1	Extinguishing media				
	Suitable extinguishing media:	water spray, dry powder, CO ₂ or alcohol resistant foam			
	Unsuitable extinguishing media:	Water with full jet			
5.2	Special hazards arising from the su	bstance or mixture			
	Hazardous combustion products:	no information available			
5.3	Advice for firefighters				
	Use a self-contained open-circuit o	compressed air breathing apparatus and fireproof clothing.			
5.4	Additional information				
		Cool endangered receptacles with water spray. Collect contaminated fire fighting water separately. Do not contaminate the environment with extinguishing media.			

SECTIO	ECTION 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 of all non-essential personnel and thos				
	Emergency procedures:	Mark the area using proper signs.			
6.1.2.	For emergency responders:				
	Use protective equipment; in c (see Section 8).	ase of inadequate ventilation use adequate airways protective equipment			
6.2	Environmental precautions:				
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.				
6.3	Methods and material for containment and cleaning up				
6.3.1.	Bunding, covering of drains; capping procedures: Sand protective barrier or barriers made of similar materials.				



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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 and involved materials with water.			
6.3.3.	Other information:	Secure proper ventilation. Do not use incompatible materials (see Section 10).			
6.4	Reference to other sections				
	See Section 7 for information on safe handling.				
	See Section 8 for information on personal protection equipment.				
	See Section 13 for disposal ir	nformation.			

SECTIO	ON 7. Handling and storage					
7.1	Precautions for safe handling					
7.1.1.	Protection measures					
	Measures to prevent fire:		Use in well ventilated storage rooms. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.			
	Measures to prevent aerosol and dust generation:		Secure proper ventilation.			
	Measures to protect the environment:		Prevent spilling into the sewage system and waterways.			
	Other measures:		Protect against electrostatic charges.			
7.1.2.	Advice on general occupational hygiene:					
	Do not eat, drink or smoke in the workspace. 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 at temperatures rangin from 15 to 25 °C. Protect from heat and direct sunlight				
	Packaging materials:	Manufactu	Manufacturer's original packaging.			
	Requirements for storage rooms and vessels:	Keep away tightly clos	r from food and drink. Keep the containers sed.			
	Advices for storage equipment:	must be re	e must be made of hard material; floors esistant to chemicals. There must be no drain ly leads into sewage system. Secure proper .			
	Further information on storage conditions:	and do no	ice the unused material in the storage room t use empty containers for storing other Do not store with incompatible materials on 10).			



Soil (agricultural)

Air

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

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Trading name:				AZC	CARM	INE, SO	LUTIO	N		
Product code:	AZ-OT	-X**	С	Date of	compila	ation:	27 Jur	ne 2019	Version:	3
7.3 Specific	end use(s)									
Recom	nendations:				_					
Industri	al sector sp	ecific solu	tions:		-					
SECTION 8. Exp	osure cont	rols/perso	onal protec	tion						
8.1 Control	parameters									
Substar	100		AS No			exposure term val		Riolo	gical limit values	
Substat	-				pm	mg/i		ыою	gical illilit values	
_			-		-	-		-		
				I						
Substance name	-									
EC No:	-	CAS No): -							
DNEL										
				Indu	ustrial					
Route of	Ac	ute	Acu	te		Chron	ic		Chronic	
exposure:	effec	t local	effect system		effect local			effect systemic		
Oral	-		-		-			-		
Inhalation	-		-		-			-		
Dermal	-	ر انامار ان			- - civ ii tv ii			-		
Critical physical	Jarameters.	solubility,	папппарш		sumer	-				
Route of		cute	Acu		Sumer	Chron	ic		Chronic	
exposure:		ct local	effect sy						effect systemic	
Oral	-		-		-		-	,		
Inhalation	-		-		-			-		
Dermal	-		-		-			-		
PNEC										
Environmental protection target			F	PNEC						
Fresh water	Fresh water			r	no information available					
Freshwater sedir	nents			r	no information available					
Marine water				r	no information available					
Marine sedimen	ts			r	no information available					
Food chain				r	no inforn	nation av	ailable			
Microorganisms	in sewage t	reatment		r	no inforn	nation av	ailable			

no information available

no information available



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8.2	Exposure controls					
8.2.1.	Appropriate engineering controls	5				
	Substance/mixture related measurevent exposure during identifie		Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace.			
	Structural measures to prevent exposure:		In accordance with Section 7.			
	Organisational measures to preve exposure:	ent	Organization of work in order to reduce other worker's influence during work process.			
	Technical measures to prevent ex	rposure:	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels. Secure stations for rinsing eyes and showering.			
8.2.2.	Personal protection equipment					
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (EN 166) or visor in case of lowe levels of concentration in air; protective gas mask that covers the entire face in case of higher levels of concentration in air.				
8.2.2.2.	Skin protection					
	Hand protection:		otective gloves have to satisfy the specification of ation (EU) 2016/425 and the related standard EN 374. Glove material: nitrile rubber Glove thickness: 0.40 mm Time until perforation: > 480 min			
	Other skin protection:	footwe entire imperr	everyday work use cotton clothing (EN 340) and suitable ear, such as rubber boots (EN 20345) or shoes that cover the foot. In case of spilling hazard, use clothing made of meable material suitable for protection from liquid chemicals PVC, himex) and footwear made from the same material.			
8.2.2.3.	Respiratory protection:	with a	tive full face mask (EN 136) or half mask (EN 140) equipped filter for organic vapors, type "A" (boiling point >65°C) ng to EN 14387) used when concentration levels exceed GVI.			
8.2.2.4.	Thermal hazards:	No info	ormation available			
8.2.3.	Environmental exposure controls					
	Substance/mixture related measures to prevent exposure:	See Se	ction 6			
	Structural measures to prevent exposure:	Use mo	odern equipment.			
	Organisational measures to prevent exposure:	Adapt workpl	the work process to the required working conditions of the ace.			



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Technical measures to prevent	See Section 6
exposure:	See Section 0

Information on basic physical and	chemical properties	
	Value	Method
Physical state:	liquid	No information available
Colour:	red	No information available
Odour:	No information available	No information available
Odor threshold:	No information available	No information available
pH:	No information available	No information available
Melting point / freezing point;	No information available	No information available
Initial boiling point and boiling range:	No information available	No information available
Flash point:	No information available	No information available
Evaporation rate:	No information available	No information available
Flammability (solid, gas):	No information available	No information available
Upper/lower flammability or explosive limits:	No information available	No information available
Vapour pressure:	No information available	No information available
Vapour density:	No information available	No information available
Relative density:	No information available	No information available
Bulk density:	No information available	No information available
Solubility(ies):	No information available	No information available
Partition coefficient: n-octanol/water (log Kow):	No information available	No information available
Auto-ignition temperature:	No information available	No information available
Decomposition temperature:	No information available	No information available
Viscosity:	No information available	No information available
Explosive properties:	No information available	No information available
Oxidising properties:	No information available	No information available

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



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

11.1 Inforn	nation on toxi	cological	effects						
Acute	toxicity:								
Route of exposure:	Meth	od	Species	Do	ose LD ₅₀ /LC ₅₀ or ATE _{mix}	Exposure t	time	Results	
Oral:			_		information ilable	-		_	
Dermal:			-		information ilable	-		-	
Inhalation:			-		information ilable	_		_	
Speci	fic target orga			xposure (S			1		
Specific effects				Target organ			Note		
Oral: No information available			available	No information available					
Dermal: No information		rmation a	on available		No information	-			
Inhalation:	No info	rmation a	nation available		No information available -				
Aspira	ation hazard:			No infor	mation available.				
Irritat	ion and corro	sion							
:		Exposure	time	Spec	ies Evaluat	ion Method	d	Note	
Skin corrosion/irrita	tion:			-	-	-	-		
Serious eye damage/irritation			-	-	_	-			
Sensit	ization								
Skin sensitizati	on:	No info	rmation av	vailable.					
Respiratory sei	acitization:	No info	rmation av	vailabla					



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Sympto	ms rela	ated to the ph	ysical, chemic	al and toxicolog	gical characterist	ics			
Oral exposure:		Harmful if sw	swallowed.						
Dermal exposure):	Harmful if ab	absorbed through skin. May cause skin irritation.						
Inhalation expos	ure:	Harmful if inl	inhaled. May cause respiratory tract irritation.						
Eye exposure:		May cause ey	e irritation.						
Repeate	ed dose	e toxicity (sub	acute, subchro	onic, chronic)					
		Dose	Exposure time	Species	Method	Evaluation	Note		
Subacute oral	No avail	information able	No information available	No information available	No information available	No informatio available	n -		
Subacute dermal	No avail	information able	No information available	No information available	No information available	No informatio available	n -		
Subacute inhalation	No avail	information able	No information available	No information available	No information available	No informatio available	n -		
Subchronic oral	No avail	information able	No information available	No information available	No information available	No informatio available	n -		
Subchronic dermal	No avail	information able	No information available	No information available	No information available	No informatio available	n -		
Subchronic inhalation	No avail	information able	No information available	No information available	No information available	No informatio available	n -		
Chronic oral	No avail	information able	No information available	No information available	No information available	No informatio available	n -		
Chronic dermal	No avail	information able	No information available	No information available	No information available	No informatio available	n -		
Chronic inhalation	No avail	information able	No information available	No information available	No information available	No informatio available	n -		
Specific	target	organ toxicit	y – repeated e	xposure (STOT	RE):				
			Specific effec	ets	Target o	rgan	Note		
Subacute oral		No informa	tion available		No information	n available	-		
Subacute derma		No informa	tion available		No information	n available	-		



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11.3	General notes:							
	Other observa	tions:	No information available					
	Classification o		No information available					
11.2	Practical exper							
	properties.		THEL.					
	Summary of properties:	evaluation of the CM	CMR Based on available data, the classification criteria are no met.					
	Reproductive t	oxicity:	Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.					
	Germ cell muta	agenicity: I						
	Mutagenicity i	n vivo:						
	Genotoxicity:							
	Mutagenicity i	n vitro:	ased on available data, the classification criteria are not met.					
	Carcinogenicit	y:	ased on available data, the classification criteria are not met.					
	CMR effects (c	arcinogenicity; mutagenicity;	reproductive toxicity)					
Chroni	c inhalation	No information available	No information available -					
		No information available	No information available -					
Chronic dermal		No information available	No information available -					
	onic inhalation	No information available	No information available -					
	onic dermal	No information available	No information available -					
Subchr	onic oral	No information available	No information available -					
Subacu	ıte inhalation	No information available	No information available -					

SECTION 12. Ecological information											
12.1 Toxicity	12.1 Toxicity										
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note					
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-					
Crustacea:	EC ₅₀	48 hours	No information available	No information available	No information available	-					



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Algae/aquatic plants	IC ₅₀	4 days	No information available	No information available	No information available	-
Other organisms	-	-	-	-	-	-
Chronic (long-term) 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	-	-	-	-	-	-

Persistence and degradability 12.2

Abiotic degradation

Degradation half-lives	Method	Evaluation	Note
No information available	No information available	No information available	-
No information available	No information available	No information available	-
No information available	No information available	No information available	-
No information available	No information available	No information available	-
	No information available No information available No information available	No information available No information available	No information available No information available

Biodegradation

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

12.3 Bioaccumulative potential

Octanol-water	partition	coefficient	(log	Kow)	
---------------	-----------	-------------	------	------	--

Value	Concentration	рН	°C	Method	Evaluation	Note	
-	-	_	_	-	-	-	



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Tradin	ig nam	e:			A	ZOC	ARMIN	IE, SOL	UTION			
Produ	ct code	e: AZ	Z-OT-X**		Date	of co	mpilati	on:	27 June	2019	Version:	3
	Pioco	ncontrat	ion factor (BCF									
\	/alue	incentrat	Species	·)	M	ethoc	1	E,	valuation		Note	
	ormatio	n No	-	mation					ormation		Note	
availab			ailable	nation	available		,,,	availab		-		
	Chro	nic ecoto	xicity									
Value Dose			osure me	Spe	ecies	Metl	nod	Evaluation	n Not	te		
			No	1			No		Vo			
Chronic toxicity on fish		LC ₅₀	inforn availa	1		rmation information lable available			nformatior available	1 -		
				No		No	ibic	No		No		
	c toxicit cea (<i>Dap</i>	-	EC ₅₀	inforn			formation informati		ation i	nformation	ı -	
	ea (Dap			availa	available availab		able	availab	ole a	available		
12.4	Mohi	lity in so	ıı									
12.4			dicted distribu	tion in A	nvironme	antal c	omnart	ments:				
		······	n available			ziitai C	.ompart	illelits.				
		ce tensio										
		alue	°C	Co	oncentrat	ion		Metho	od		Note	
	No		No				NI - : (
		mation	information		informati ilable	ion	availal	ormatio ole	n	-		
	availa	ible	available									
							<u> </u>					
	Adso	rption / a	desorption									
_			coefficient		.,	_				.1 /		
Transp	ort		's constant	lo	g Kow	Εν	/aporati	on rate	M	ethod	Note	<u> </u>
Soil-wa	ator :	No	information		formatio		o inform	nation		ormation	_	
JOI! 110		available 		availa			ailable		availab			
Water-	.air	No available	information	No in availa	formatio		o inform ailable	nation	No info	ormation	-	



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Soil-air	No availa	information able	No information available	No information available	No information available	-			
12.5	Results of	PBT and vPvB asses	ssment						
	Not applic	cable.							
10.5									
12.6	Other adverse effects No further relevant information available.								
	NO furtile	Televant informati	on available.						
SECTIO	N 13. Disp	osal consideration	S						
13.1	Waste tr	reatment methods							
13.1.1.		/Packaging disposa							
Submit for disposal to the legal person authorized by the Ministry of Environme Protection.					try of Environmental	and Nature			
	:								
13.1.2. Waste codes/waste designations according to Law:									
	15 01 10 substan	5 5	ontains residual h	azardous substanc	es or is contaminate	ed with hazardo	ous		
4242			• • • • •						
13.1.3.		eatment – relevant mation available	information:						
	INO IIIIOI	Thation available							
13.1.4.	Sewage	disposal – relevant	information:						
	Waste m	nust not be dispose	d of into the sewa	ge system.					
13.1.5.		sposal recommend							
	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.	Relevan	t Community provis	ions:						
	Disposal must be made according to official regulations.								
SECTIO	N 14 TPAN	ISPORT INFORMA	TION						
SECTIO		ng/shipment by ro							
UN num	·	J, 2, 100	Not subject to transport regulations						
UN proper shipping name:			-						



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Transport hazard cl	ass(es):	-				
Packing group:		-				
Environmentally ha	zardous:	-				
Special precautions	for user:	-				
Transporti	ng/shipment by rail (R	D)				
UN number:		No	t subject to transport regul	ations		
UN proper shipping	name:	-				
Transport hazard cl	ass(es):	-				
Packing group:		-				
Environmentally has	zardous:	-				
Special precautions	for user:	-				
Inland wat	erway transport (ADN)					
UN number:		No	t subject to transport regul	ations		
UN proper shipping	name:	-				
Transport hazard cl	ass(es):	-				
Packing group:		-				
Environmentally ha	zardous:	-				
Special precautions	for user:	-				
Transporti	ng/shipment by sea (IN	ИDG	<u> </u>			
UN number:		No	t subject to transport regul	ations		
UN proper shipping	g name:	-				
Transport hazard cl	ass(es):	-				
Packing group:		-				
Environmentally ha	zardous:	-				
Special precautions	for user:	-				
Transport in bulk a of MARPOL 73/78 a	ccording to Annex II and the IBC code:	_				
Transporti	ng/shipment by air (IC	40-	TI/IATA-DGR)			
UN number:		Nc	t subject to transport regul	ations		
UN proper shipping	g name:	-				
Transport hazard cl	ass(es):	-				
Packing group:		-				
Environmentally ha	zardous:	-				
Special precautions	for user:	-				
Further information	: -					



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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:	EC Regulation No. 1906/2007 and EC Regulation No. 1272/2008 of the European Parliament and the European Council; Regulation (EC) No. 1907/2006 of the European Parliament and Council on registration, evaluation, authorization and restriction of chemical substances (REACH); EC Regulation No. 2037/200 of the European Parliament and Council from 29 June 2000 on substances that damage the ozone layer; EC Regulation No. 689/2008 of the European Parliament and Council from 17 June 2008 concerning the export and import of dangerous chemicals; EC Regulation No. 850/2004 of the European Parliament and Council from 29 April 2004 about persistent organic pollutants; Directive 2008/98/EC of the European Parliament and Council of 19			
		November 2008 on waste and repealing certain Directives			
	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				

SECTIO	ECTION 16. Other information		
16.1	Indication of changes:	-	
		PBT	Stable, bioaccumulative and toxic
		vPvB	Strongly stable and strongly bioaccumulative.
16.2	Abbreviations and acronyms:	LD ₅₀	Lethal dose, 50%
		LC ₅₀	Lethal concentration, 50%
		TCOJ	Specific target organ toxicity - single exposure
16.3.	Key literature references and source of data:	-	



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Trading name:		AZOCARMINE, SOLUTION				
Product code:	AZ-OT-X**	Date of compilation:	27 June 2019	Version:	3	

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

ANNEX: Exposure scenario resulting to chemical safety assessment
-



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Trading nam	e:	ANILINE, ALCOHOLIC SOLUTION				
Product code	e: ANA-OT-X**	Revision date:	27 June 2019	Version:	3	

SECTI	ON 1: Identification of	the substance	e/mixture	and of the company/undertaking	
1.1	Product identifier				
	Trading name:	ANILINE, AI	COHOLIC	SOLUTION	
	Chemical name:	-			
	Catalogue number:	ANA-OT-X*	ANA-OT-X**		
1.2	Relevant identified us	es of the subs	f the substance or mixture and uses advised against		
	Uses:		For use	with Azan Trichrome kit.	
	Uses advised against:		Only the	e identified uses are advised.	
	Reason why uses advi	sed against:	The product is intended for use only as an <i>in vitro</i> diagnost medical device, registered at the Agency for Medicinal Products ar Medical Devices and there is no reason to use it for other purposes		
1.3	Details of the supplier	of the safety	data shee	t	
	Supplier:		BioGnos	t Ltd.	
	Address:		Medjugorska 59, Zagreb +385 1 2409997		
	Telephone number:				
	Telefax.:		+385 1 2	2404039	
	e-mail of competent p	person:	msds@b	<u>piognost.hr</u>	
	National contact:		-		
1.4	Emergency telephone	number			
	National Protection ar	nd Rescue Dire	ectorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			-	

SECTIO	ION 2. Hazards identification				
2.1	Classification of the substance or mixture				
2.1.1	Classification according to Regu	ulation (EC) No 12	272/2008 (CLP)		
	Hazard class and category code: Hazard statements*:				
	Flam. Liq. 2		H225		
2.1.2.	Additional information				
	-				
*For fu	ll text of Hazard- and EU Hazard-	statements: see S	ECTION 16		
2.2	Label elements				
	Product identification:	ANILINE, ALCOH	HOLIC SOLUTION		
	Identification number: -				
	Authorization number:	-			



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Trading nan	ne:	ANILINE, ALCOHOLIC SOLUTION				
Product coc	de: ANA-OT-X**	Revision date:	27 June 2019	Version:	3	

	Hazard pictograms:	GHS02
	Signal word:	Danger
	Hazard statements:	H225 Highly flammable liquid and vapor.
	Precautionary statements:	 P210 Keep away from heat/sparks/open flames/hot surfaces Do not smoke. P233 Keep container tightly closed. P280 Wear protective gloves/protective clothing/eye/protection/face protection.
	Supplemetal hazard information (EU):	-
2.3	Other hazards	
	-	

SECTION 3. Co	SECTION 3. Composition/information on ingredients					
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)		
64-17-5/ 200-578-6/ 603-002-00-5	01-2119457610-43- xxxx	≥ 70 %	ethanol	Flam. Liq. 2; H225		

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



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Trading name:		ANILINE, ALCOH	HOLIC SOLUTION		
Product code:	ANA-OT-X**	Revision date:	27 June 2019	Version:	3

	Following ingestion:	Rinse the mouth thoroughly with 1-2 glasses of water. Immediately consult a physician and show the container or label. In case of swallowing large quantities, transport the afflicted person to the hospital.		
	Self-protection of the first aider:	-		
4.2	Most important symptoms and eff	fects, both acute and delayed		
	Following inhalation:	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:	Depending on concentration and exposure time, it may lead to stinging and digestive mucus damage, abdominal pain, nausea, vomiting.		
4.3	Indication of any immediate media	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 with full jet		
5.2	Special hazards arising from the su	ubstance or mixture		
	Hazardous combustion products:	Formation of toxic gases is possible during heating or in case of fire.		
5.3	Advice for firefighters			
	Use a self-contained open-circuit compressed air breathing apparatus and fireproof clothing.			
5.4	Additional information			
	Cool endangered receptacles with contaminate the environment with	water spray. Collect contaminated fire fighting water separately. Do not 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. Avoid breathing vapors and avoid contact with skin and eyes. Do not smoke. Keep away from ignition sources.		



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Trading name:		ANILINE, ALCOH	HOLIC SOLUTION		
Product code:	ANA-OT-X**	Revision date:	27 June 2019	Version:	3

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

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. Do not use tools that cause sparks. Do not smoke.		
	Measures to prevent aerosol and dust generation	ı :	Secure proper ventilation.		
	Measures to protect the environment:	Measures to protect the environment:			
	Other measures:		Protect against electrostatic charges.		
7.1.2.	Advice on general occupational hygiene:				
	Do not eat, drink or smoke in the workspace. Tho	roughly was	h hands after work and before eating.		
7.2	Conditions for safe storage, including any incompatibilities				
	Technical measures and storage conditions:	well ventila	htly closed and upright set containers in a ated storage rooms at temperatures ranging 25 °C. Protect from heat and direct sunlight.		



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Trading name:		ANILINE, ALCOHOLIC SOLUTION			
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	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 10).
7.3	Specific end use(s)	
	Recommendations:	-
	Industrial sector specific solutions:	-

SECTION 8. Expe	osure contr	ols/perso	nal pro	otection			
8.1 Control	parameters						
Substan	ce	CA			Occupational exposure limit values/short term values		Biological limit values
					m	mg/m³	
Ethanol		64	-17-5	100	0/-	1900/-	-
Substance name:	-						
EC No: - CAS No: -							
DNEL							
				Indu	strial		
Route of	Ac	Acute Acut		Acute		Chronic	Chronic
exposure:	effect	t local	effec	t systemic		effect local	effect systemic
Oral	-		-		-		-
Inhalation	-		-		-		950 mg/m³ (ethanol)
Dermal	-		-		-	1	343 mg/kg (ethanol)
Critical physical p	arameters:	solubility,	flamma	ability, corro	sivity:	-	
				Cons	umer		
Route of	А	cute		Acute		Chronic	Chronic
exposure:	effe	ct local	effe	ct systemic		effect local	effect systemic
Oral	-		-		-		-
Inhalation	-		-		-		114 mg/m³ (ethanol)
Dermal			-		-		206 mg/kg (ethanol)
PNEC							



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Trading name:	ANILINE, ALCOHOLIC SOLUTION							
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Environmental protection target	PNEC
Fresh water	0.96 mg/l (ethanol)
Freshwater sediments	3.6 mg/kg (ethanol)
Marine water	0.79 mg/l (ethanol)
Marine sediments	no information available
Food chain	no information available
Microorganisms in sewage treatment	no information available
Soil (agricultural)	0.63 mg/kg (ethanol)
Air	no information available

8.2	Exposure controls				
8.2.1. 8.2.2. 8.2.2. 8.2.2.1.	Appropriate engineering controls				
	Substance/mixture related measures prevent exposure during identified of Structural measures to prevent exposure: Organisational measures to prevent exposure: Technical measures to prevent exposure: Technical measures to prevent exposure: 2.1. Eye and face protection equipment Eye and face protection:	nrotective equipment 1)0 not est drink or smoke in the			
	•		In accordance with Section 7.		
		t	Organization of work in order to reduce other worker's influence during work process.		
	Technical measures to prevent expo	osure:	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels. Secure stations for rinsing eyes and showering.		
8.2.2.	Personal protection equipment				
8.2.2.1.	Eye and face protection:	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.			
8.2.2.2.	Skin protection	Use the product in well ventilated rooms. Use portective equipment. Do not eat, drink or smoke workspace. prevent In accordance with Section 7. Organization of work in order to reduce other winfluence during work process. Secure proper workspace ventilation in order to concentration levels in air below permitted level stations for rinsing eyes and showering. uipment Safety glasses that stick to face (EN 166) or visor in case levels of concentration in air; protective gas mask that concentre face in case of higher levels of concentration in air. The protective gloves have to satisfy the specification of Regulation (EU) 2016/425 and the related standard EN 3 Glove material: nitrile rubber Glove thickness: 0.40 mm Time until perforation: > 480 min During everyday work use cotton clothing (EN 340) and footwear, such as rubber boots (EN 20345) or shoes that entire foot. In case of spilling hazard, use clothing made impermeable material suitable for protection from liquid			
		Glove thickness: 0.40 mm			
	Other skin protection:	footwe entire f impern	everyday work use cotton clothing (EN 340) and suitable ear, such as rubber boots (EN 20345) or shoes that cover the foot. In case of spilling hazard, use clothing made of neable material suitable for protection from liquid chemicals PVC, himex) and footwear made from the same material.		



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

9.1	Information on basic physical and	chemical properties	
		Value	Method
	Physical state:	liquid	No information available
	Colour:	colourless	No information available
	Odour:	alchohol like	No information available
	Odor threshold:	No information available	No information available
	pH:	No information available	No information available
	Melting point / freezing point;	No information available	No information available
	Initial boiling point and boiling range:	No information available	No information available
	Flash point:	17 °C	No information available
	Evaporation rate:	No information available	No information available
	Flammability (solid, gas):	No information available	No information available
	Upper/lower flammability or explosive limits:	No information available	No information available
	Vapour pressure:	No information available	No information available
	Vapour density:	No information available	No information available
	Relative density:	No information available	No information available
	Bulk density:	No information available	No information available
	Solubility(ies):	1 g/l (20°C)	No information available
	Partition coefficient: n-octanol/water (log Kow):	No information available	No information available
	Auto-ignition temperature:	No information available	No information available



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Trading name:	ANILINE, ALCOHOLIC SOLUTION						
Product code:	ANA-OT-X**	Revision date:	27 June 2019	Version:	3		

	Decomposition temperature:	No information available	No information available
	Viscosity:	No information available	No information available
	Explosive properties:	No information available	No information available
	Oxidising properties:	No information available	No information available
9.2	Other information		
	-		

SECTIO	ECTION 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:	Avoid heat, sparks, open flames and other ignition sources.				
10.5	Incompatible materials:	No further relevant information available.				
10.6	Hazardous decomposition products:	No dangerous decompostion products known.				

SECTIO	N 11. Toxico	ological info	rmation						
11.1	Information	on toxicolog	ical effects						
	Acute toxic	ity:							
Route of exposure:		Method	Species	Do	Dose LD ₅₀ /LC ₅₀ or ATE _{mix}		Exposure time		Results
Oral:		-	rat (ethano	l)	LD ₅₀	-	-		7.060 mg/kg
Dermal	•	-	-		-	-	_		-
Inhalati	ion:	-	rat (ethano	l)	LC ₅₀	4	h	20.000 mg,	
	Specific tar	get organ tox	icity – single ex	kposure (S	TOT SE):				
	Specific effects		Target o		et organ	organ		Note	
Oral:		No informat	ion available		No information available		2 2 3 4 4 5 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	-	
Dermal	•	No informat	ion available		No information	on available		-	
Inhalati	on:	No informat	ion available		No information	on available	n available -		
	Aspiration I	nazard:		No infor	mation availabl	e.			
	Irritation an	d corrosion							
		Ехро	sure time	Spec	ies Evalu	ation Met	hod		Note
Skin corrosid	on/irritation:	-		_	-	-		-	



No information

No information

No information

No information

No information

available

available

available

available

available

information

information

information

information

information

available

available

available

available

available

No

No

No

No

Subchronic oral

Subchronic

Subchronic

inhalation

Chronic oral

Chronic dermal

dermal

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

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Trading name:		ANILINE, ALCOHOLIC SOLUTION							
Product code:	ANA-OT-X**	Revision date:	27 June 2019	Version:	3				

Product code:	А	NA-OT-X**	Re	vision date:	27 June 20	19	Version:	3
Serious eye damage/irritatio	n	-	-			-		
Sensitiz	ation							
Skin sensitization	n:	No inf	ormation avail	able.				
Respiratory sens	itizati	on: No inf	ormation avail	able.				
Sympto	ms re	lated to the ph	nysical, chemic	al and toxicolog	gical characterist	ics		
Oral exposure:		No informati	•					
Dermal exposure: No info		No informati	on available.					
			on available.					
Eye exposure:		No informati	on available.					
Repeate	ed do:	se toxicity (sub	acute, subchro	onic, chronic)				
		Dose	Exposure time	Species	Method	Evaluation	Note	
Subacute oral		information ilable	No information available	No information available	No information available	No information available	-	
Subacute dermal		information ilable	No information available	No information available	No information available	No information available	-	
Subacute inhalation		information ilable	No information available	No information available	No information available	No information available	-	
	No	information	No	No	No	No		

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		OLIC SOLUTION	ANILINE, ALCO		Trading name:
Version:	١	27 June 2019	Revision date:	ANA-OT-X**	Product code:
,		27 June 2019	Revision date:	ANA-OT-X**	Product code:

Chronic inhalat		No availa	information able	No information available	No information available	No information available	No information available	on	-
	Specific	target	organ toxicit	y – repeated e	xposure (STOT	RE):			
	· •			Specific effec		Target o	rgan		Note
Subacu	ıte oral		No informa	tion available		No information	n available	_	
Subacu	ıte dermal		No informa	tion available		No information	n available	-	
Subacu	ıte inhalati	ion	No informa	tion available		No information	n available	-	
Subchr	onic oral		No informa	tion available		No information	n available	-	
Subchr	Subchronic inhalation No information			tion available		No information	n available	-	
			tion available		No information	n available	-		
Chronic oral No informa		tion available		No information	n available	-			
Chronic	Chronic dermal No information a		tion available		No information	n available	-		
Chronic	c inhalatio	n	No informa	tion available		No information	n available	-	
	Carcinoo Mutage Genotoo Mutage	nicity <i>ii</i> «icity: nicity <i>ii</i>	n vitro: n vivo:		Based on avail Based on avail Based on avail	able data, the cla able data, the cla able data, the cla able data, the cla	essification consists of contraction consists of contraction consists of contraction contr	riteri riteri riteri	a are not met. a are not met. a are not met.
	Germ ce	ell muta	genicity:		Based on avail	able data, the cla	ssification c	riteri	a are not met.
	Reprodu	ıctive t	oxicity:		Based on avail	able data, the cla	ssification c	riteri	a are not met.
	Summar properti	,	evaluation	of the CN	MR Based on met.	available data, t	the classifica	ation	criteria are not
11.2	Practica	l experi	iences:						
	Classific	ation o	bservations:		No inform	nation available			
	Other o	bservat	ions:		No inform	nation available			
11.3	General	notes:							
	-								

SECTIO	ON 12. Ecological information
12.1	Toxicity



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Trading name:	ANILINE, ALCOHOLIC SOLUTION						
Product code:	ANA-OT-X**	Revision date:	27 June 2019	Version:	3		

Acute (short-te toxicity	rm)	Dose	Exposure time	e 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	4 days	No information available	No information available	No information available	-	
Other organism	าร	-	-	-	_	-	-	
Chronic (long-t toxicity	erm)	Dose	Exposure time	Species	Method	Evaluation	Note	
Fish		LC ₅₀	96 hours	No information available	No information available	No information available	-	
Crustacea:		EC ₅₀	48 hours	No information available	No information available	No information available	-	
Algae/aquatic plants		IC ₅₀	72 hours	No information available	No information available	No information available	-	
Other organisms		-	-	-	-	-	-	
12.2 Persist	ence al	nd degradab	ility					
	c degra		cy					
7 10.00		gradation ha	If-lives	Method	Evaluatio	n	Note	
Marine water		oformation a		No information available	No informatio	n -		
Fresh water	No ir	nformation a	vailable	No information available	No informatio available	n -	-	
Air	No ir	nformation a	vailable	No information available	No informatio available	n -		
Soil	Soil No information available		No information available	No informatio available	n -	-		
Dio de	nrada#:							
% Degradation	gradatio	on Time (d	avc)	Method	Evaluatio	un.	Note	
No information available			ormation	No information available	No informatio		formation	



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Trading name:					ANI	LINE,	ALCOF	IOLIC SOLUT	ION			
Produc	t code:	ANA-	OT-X**		Revis	sion d	ate:	27 June 20	19	١	/ersion:	3
								!				
	:											
12.3	Bioaccum	ulative p	otential									
	Octanol-w	ater par	tition coeff	cient (log Kow)		1		-		
Valu	e Co	ncentrat	ion p	H °C		M	ethod	Evalua	ation		Note	
-	-		-			-		-		-		
	Bioconcen	tration	factor (BCF)						1			
V	·		Species			Method		Evaluation			Note	
	No information No informat available available		ation	on No information available		on	No information available		-			
avallabi	avaliable available		oie		avaliable			avaliable				
	Chronic ed	otoxicit	V									
	1			Exp	osure							
	Value		Dose		ime	Spe	ecies	Method	Evalua	ation	Note	
				No	No			No	No			
Chronic	toxicity on	fish	LC ₅₀	infor availa	mation	infori availa	mation	information available	information available		-	
				No	abie	No	abie .	No	No			
	toxicity on	۸	EC ₅₀		mation		mation	information	information		-	
crustaci	ea (<i>Daphnia</i>)		availa	able	availa	able	available	availab	le		
12.4	Mobility in	n soil										
	Known or	predicte	ed distributi	on in e	environm	nental o	compart	ments:				
	No inform		ailable									
	Surface te	nsion:										
***************************************	Value		°C	C	oncentra	ition	1	Method			Note	
	No	No inf	ormation	No	informa	tion	No inf	ormation				
	information available		ormation ailable	ava	ilable		availab	ole	-			
		<u>i</u>							L			



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Trading name:		ANILINE, ALCOHO	OLIC SOLUTION		
Product code:	ANA-OT-X**	Revision date:	27 June 2019	Version:	3

	Adsorption / desorption				
Transpo	A/D coefficient Henry's constant	log Kow	Evaporation rate	Method	Note
Soil-wat	er No information available	No information available	No information available	No information available	-
Water-a	ir No information available	No information available	ible available a	No information available	-
Soil-air	No information available	No information available	No information available	No information available	-
10.5	Decite of DDT and DD Decision				
12.5	Results of PBT and vPvB asses	ssment			
	Not applicable.				
12.6	Other adverse effects				
	No further relevant information	on available.			
<u> </u>					
SECTIO	N 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	ntions according to	Law:		
	Packaging that contains res	idual hazardous sı	ubstances or is cont	aminated with haza	rdous substances
13.1.3.	Waste treatment – relevant	information:			
15.1.5.	No information available	imormation.			
	140 Illiotifiation available				
13.1.4.	Sewage disposal – relevant	information:			
	Waste must not be dispose		ge system.		
10.1 =					
13.1.5.	Other disposal recommend				
	Do not dispose of the prod authorized by the ministry i the packaging to the collec	n charge. Do not o	dispose of the packa	aging into the sewa	
13.1.6.	Relevant Community provis	ions:			
	Disposal must be made acc	ording to official r	egulations.		



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Trading name:		ANILINE, ALCOHO	DLIC SOLUTION		
Product code:	ANA-OT-X**	Revision date:	27 June 2019	Version:	3

SECTION 14 TRANSPORT INFORMATIO	N
Transporting/shipment by road (ADR)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	П
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by rail (R	ID)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	П
Environmentally hazardous:	-
Special precautions for user:	-
Inland waterway transport (ADN)	
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	П
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by sea (IN	MDG)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	П
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:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3



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Trading name:	ANILINE, ALCOHOLIC SOLUTION							
Product code:	ANA-OT-X**	Revision date:	27 June 2019	Version:	3			

Packing group:		П
Environmentally hazardous:		-
Special precautions for user:		-
Further information:	-	

	ON 15. Regulatory informa					
15.1	Safety, health and enviror	nmental regulations/legislation specific for the substance or mixture				
	EU regulations					
	Authorization and/or rest	trictions of use				
	Authorizations: -					
	Restrictions:	-				
	Other EU regulations:	EC Regulation No. 1906/2007 and EC Regulation No. 1272/2008 of the European Parliament and the European Council; Regulation (EC) No. 1907/2006 of the European Parliament and Council on registration, evaluation, authorization and restriction of chemical substances (REACH); EC Regulation No. 2037/200 of the European Parliament and Council from 29 June 2000 on substances that damage the ozone layer; EC Regulation No. 689/2008 of the European Parliament and Council from 17 June 2008 concerning the export and import of dangerous chemicals; EC Regulation No. 850/2004 of the European Parliament and Council from 29 April 2004 about persistent organic pollutants; Directive 2008/98/EC of the European Parliament and Council of 19 November 2008 on waste and repealing certain Directives				
	Information according 19 guideline)	999/13/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.	Indication of changes:	-



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Trading name:	ANILINE, ALCOHOLIC SOLUTION				
Product code:	ANA-OT-X**	Revision date:	27 June 2019	Version:	3

		PBT	Stable, bioaccumulative and toxic		
		vPvB	Strongly stable and strongly bioaccumulative.		
16.2	Abbreviations and acronyms:	LD ₅₀	Lethal dose, 50%		
		LC ₅₀	Lethal concentration, 50%		
		TCOJ	Specific target organ toxicity - single exposure		
16.3.	Key literature references and source of data:	-			
16.4.	Classification and procedure u 1272/2008 (CLP)	used to derive	e the classification for mixture according to Regulation (EC)		
Classifi	cation	Classification procedure			
-		-			
16.5.	Relevant H statements (numb	er and full tex	xt)		
	H: H225	Highly flammable liquid and vapor.			
16.6.	Training advice:	-			
		** "X" in the product code marks different volumes (different packagings of the product)			
16.7.		Me are not responsible for consequences in case of instructions for use or improper use of the product of material safety data sheet.			

ANNEX: Exposure scenari	resulting to chemica	I safety assessment
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Trading name:	ACID ALCOHOL, AZAN				
Product code:	KAA-OT-X**	Date of compilation:	04 June 2019	Version:	3

SECTION	ON 1: Identification of t	the substance	e/mixture	and of the company/undertaking	
1.1	Product identifier				
	Trading name:	ACID ALCO	HOL, AZA	ZAN	
	Chemical name:	-	-		
	Catalogue number:	KAA-OT-X*	KAA-OT-X**		
1.2	Relevant identified use	es of the subs	of the substance or mixture and uses advised against		
	Uses:		For use v	with Azan Trichrome staining kit.	
	Uses advised against:		Only the	identified uses are advised.	
	Reason why uses advis	sed against:	The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products an Medical Devices and there is no reason to use it for other purposes.		
1.3	Details of the supplier	of the safety	data shee	t	
	Supplier:		BioGnos	ost Ltd.	
	Address:		Medjugo	orska 59, Zagreb	
	Telephone number:		+385 1 2	2409997	
	Telefax.:		+385 1 2	2404039	
	e-mail of competent p	erson:	msds@b	oiognost.hr	
	National contact:		-		
1.4	Emergency telephone	number			
	National Protection an	nd Rescue Dire	ectorate:	112	
	Medical information:	edical information: ther information:		+385 1 2348 342	

SECTIO	SECTION 2. Hazards identification					
2.1	Classification of the substance	or mixture				
2.1.1	Classification according to Reg	ulation (EC) No 12	272/2008 (CLP)			
	Hazard class and catego	Hazard class and category code: Hazard statements*:				
	Flam. Liq. 2		H225			
2.1.2.	Additional information					
	-					
*For fu	ll text of Hazard- and EU Hazard-	statements: see S	ECTION 16			
2.2	Label elements					
	Product identification:	Product identification: ACID ALCOHOL, AZAN				
	Identification number:	Identification number: -				
	Authorization number:	-				



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Trading name:	ACID ALCOHOL, AZAN				
Product code:	KAA-OT-X**	Date of compilation:	04 June 2019	Version:	3

	Hazard pictograms:	GHS02
	Signal word:	Danger
	Hazard statements:	H225 Highly flammable liquid and vapor.
	Precautionary statements:	 P210 Keep away from heat/sparks/open flames/hot surfaces Do not smoke. P233 Keep container tightly closed. P280 Wear protective gloves/protective clothing/eye/protection/face protection.
	Supplemetal hazard information (EU):	-
2.3	Other hazards	
	-	

SECTION 3. Co	SECTION 3. Composition/information on ingredients							
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)				
64-17-5/ 200-578-6/ 603-002-00-5	01-2119457610-43- xxxx	≥ 50%	ethanol	Flam. Liq. 2; H225				
7647-01-0/ 231-595-7/ 017-002-00-2	01-2119484862-27- xxxx	< 1%	hydrochloric acid, 37%	Skin Corr. 1A; H314 Acute Tox. 3; H331				

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



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Trading name:	ACID ALCOHOL, AZAN		, AZAN		
Product code:	KAA-OT-X**	Date of compilation:	04 June 2019	Version:	3

	Following ingestion:	Rinse the mouth thoroughly with 1-2 glasses of water. Immediately consult a physician and show the container or label. In case of swallowing large quantities, transport the afflicted person to the hospital.
	Self-protection of the first aider:	-
4.2	Most important symptoms and effects, 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:	Depending on concentration and exposure time, it may lead to stinging and digestive mucus damage, abdominal pain, nausea, vomiting.
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 with full jet
5.2	Special hazards arising from the substance or mixture	
	Hazardous combustion products:	Formation of toxic gases is possible during heating or in case of fire.
5.3	Advice for firefighters	
	Use a self-contained open-circuit compressed air breathing apparatus and fireproof clothing.	
5.4	Additional information	
	Cool endangered receptacles with water spray. Collect contaminated fire fighting water separately. Do not contaminate the environment with extinguishing media.	

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. Avoid breathing vapors and avoid contact with skin and eyes. Do not smoke. Keep away from ignition sources.



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Trading name:		ACID ALCOHOL, AZAN					
Product code:	KAA-OT-X**	Date of compilation:	04 June 2019	Version:	3		

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

SECTIO	ON 7. Handling and storage			
7.1	Precautions for safe handling			
7.1.1.	Protection measures			
	Measures to prevent fire:		Use in well ventilated storage rooms. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.	
	Measures to prevent aerosol and dust generation:		Secure proper ventilation.	
	Measures to protect the environment:	easures to protect the environment:		
	Other measures:		Protect against electrostatic charges.	
7.1.2.	Advice on general occupational hygiene:			
	Do not eat, drink or smoke in the workspace. The	oroughly was	h hands after work and before eating.	
7.2	Conditions for safe storage, including any incompatibilities			
	Technical measures and storage conditions:	well ventila	htly closed and upright set containers in a ated storage rooms at temperatures ranging 25 °C. Protect from heat and direct sunlight.	



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Trading name:	ACID ALCOHOL, AZAN					
Product code:	KAA-OT-X**	Date of compilation:	04 June 2019	Version:	3	

	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 10).
7.3	Specific end use(s)	
	Recommendations:	-
	Industrial sector specific solutions:	-

SECTION 8. Expo	SECTION 8. Exposure controls/personal protection							
8.1 Control p	arameters							
Substance		CAS No			Occupational exposure limit values/short term values		Biological limit values	
				рр	m	mg/m³		
Ethanol		64-	-17-5	100	0/-	1900/-	1	
Hydrogen chloride	<u>;</u>	764	7-01-0	5/3	10	8/15	-	
Substance name:	-							
EC No: - CAS No: -								
DNEL	·							
				Indu	strial			
Route of	Acı	ute	Ac	ute		Chronic	Chronic	
exposure:	effect	local	effect s	systemic		effect local	effect systemic	
Oral	-		-		-		-	
Inhalation	-		-		-		950 mg/m³ (ethanol)	
Dermal	-		-		-		343 mg/kg (ethanol)	
Critical physical pa	rameters:	solubility,	flammabi	lity, corro	sivity:	-		
				Cons	umer			
Route of	А	cute	Ac	ute		Chronic	Chronic	
exposure:	effe	ct local	effect s	systemic		effect local	effect systemic	
Oral			-		-		-	
Inhalation	-		-		-		114 mg/m³ (ethanol)	
Dermal	-		-		-		206 mg/kg (ethanol)	



PNEC

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

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Trading name:		ACID ALCOHOL	, AZAN	<u> </u>	
Product code:	KAA-OT-X**	Date of compilation:	04 June 2019	Version:	3

Environm	ental protection target		PNEC	
Fresh wat	er		0.96 mg/l (ethanol)	
Freshwate	er sediments		3.6 mg/kg (ethanol)	
Marine wa	ater		0.79 mg/l (ethanol)	
Marine se	Marine sediments		no information available	
Food chain Microorganisms in sewage treatment			no information available	
Microorga	anisms in sewage treatment		no information available	
Soil (agricultural)			0.63 mg/kg (ethanol)	
Air			no information available	
8.2	Exposure controls			
8.2.1.	Appropriate engineering control	S		
	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 prevent exposure: Organisational measures to prevent exposure:		In accordance with Section 7.	
			Organization of work in order to reduce other worker's influence during work process.	
	Technical measures to prevent exposure:		Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels. Secure stations for rinsing eyes and showering.	
8.2.2.	Personal protection equipment			
8.2.2.1.	Eye and face protection:	levels	of concentration in air; protective gas mask that covers the	
8.2.2.2.	Skin protection	went Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace. 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.		
	Hand protection:		tion (EU) 2016/425 and the related standard EN 374. Glove material: nitrile rubber Glove thickness: 0.40 mm	
	Other skin protection:	footwe entire imperr	ear, such as rubber boots (EN 20345) or shoes that cover the	



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

9.1	Information on basic physical and	chemical properties	
		Value	Method
	Physical state:	liquid	No information available
	Colour:	colourless	No information available
	Odour:	ethanol like	No information available
	Odor threshold:	No information available	No information available
	pH:	1.3 -1.5	No information available
	Melting point / freezing point;	No information available	No information available
	Initial boiling point and boiling range:	No information available	No information available
	Flash point:	21 °C	No information available
	Evaporation rate:	No information available	No information available
	Flammability (solid, gas):	No information available	No information available
	Upper/lower flammability or explosive limits:	No information available	No information available
	Vapour pressure:	No information available	No information available
	Vapour density:	No information available	No information available
	Relative density:	No information available	No information available
	Bulk density:	No information available	No information available
	Solubility(ies):	No information available	No information available
	Partition coefficient: n-octanol/water (log Kow):	No information available	No information available
	Auto-ignition temperature:	No information available	No information available



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Trading name:		ACID ALCOHOL, AZAN					
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	Decomposition temperature:	No information available	No information available
	Viscosity:	No information available	No information available
	Explosive properties:	No information available	No information available
	Oxidising properties:	No information available	No information available
9.2	Other information		
	-		

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

SECTION	11. Toxicolo	gical infor	mation						
11.1 I	nformation o	n toxicologi	cal effects						
A	Acute toxicity:								
Route of exposure:		Method	Species	Do	Dose LD ₅₀ /LC ATE _{mix}		Exposure time		Results
Oral:		-	rat (ethanc	ol)	LD ₅	0	-		7.060 mg/kg
Dermal:		-	-		-		-		-
Inhalation	າ:	-	rat (ethanc	ol)	LC ₅	0	4 h		20.000 mg/l
S	Specific target	t organ toxi	city – single e	xposure (S	TOT SE):			
<u> </u>		Specific effects			Target organ				Note
Oral:	N	o informati	on available		No information available -				
Dermal:	N	o informati	on available		No information available -			-	
Inhalation	n: N	o informati	on available		No information available			-	
	1								
A	Aspiration haz	zard:		No information available.					
•				-					
I	rritation and	corrosion							
		Expos	ure time	Spec	ies	Evaluation	Method		Note
Skin corrosion,	/irritation:	—		-		-	-	-	



								Page 9 of 1	6	
Trading name:			ACID ALCOHOL, AZAN							
Product code:	KAA-C	4A-OT-X**		Date of compilation:		04 June 2019		Version:	3	
Serious eye damage/irritation	-		-		-	-	-			
Sensitiza	ition									
Skin sensitization: No			ormation avai	lable.						
Respiratory sensitization: No			ormation avai	lable.						
Symptor	ns related	to the ph	nysical, chemic	cal and toxicolo	gical cha	racterist	ics			
Oral exposure:	No i	nformati	formation available.							
Dermal exposure:	: No i	nformati	ormation available.							
Inhalation exposu	ıre: No i	nformati	formation available.							
Eye exposure:	No i	nformati	on available.							
Repeate	d dose tox	icity (sub	acute, subchr	onic, chronic)						
	Dos	se	Exposure time	Species	Meth	od	Evaluation	Note		
Subacute oral	No info	rmation	No information available	No information available	No infori availa	mation able	No information available	n -		
Subacute dermal	No info	rmation	No information	No information	No infori	mation	No informatio	n -		

No

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Subacute

inhalation

Subchronic oral

Subchronic

Subchronic

Chronic oral

Chronic dermal

inhalation

dermal



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Trading name:		ACID ALCOHOL	, AZAN		
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	availa	information able	No information available	No information available	No information available	No information available	on	-	
Sp	pecific target	organ toxicit	y – repeated e	xposure (STOT	RE):				
		3	Specific effec	-	Target o	rgan	Note		
Subacute o	ral	No informa	tion available		No information		-		
Subacute d	lermal	No informa	tion available		No information	n available	-		
Subacute ir	Subacute inhalation No information available				No information	n available	-		
Subchronic oral No information available				No information	n available	-			
Subchronic dermal No information available				No information	n available	-			
Subchronic inhalation No information available			tion available		No information	n available	-		
Chronic oral No information availab			tion available		No information	n available	-		
Chronic dermal No information availab			tion available		No information	n available	-		
Chronic inhalation No information availab					No information	n available	-		
Ca M	CMR effects (carcinogenicity; mutagenicity: Carcinogenicity: Mutagenicity in vitro: Genotoxicity:			Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.					
M	utagenicity i	n vivo:		Based on avail	able data, the cla	ssification c	riteria	are not met.	
Ge	erm cell muta	agenicity:		Based on available data, the classification criteria are not met.					
Re	eproductive t	oxicity:		Based on avail	able data, the cla	ssification c	riteria	are not met.	
	ımmary of operties:	evaluation	of the CN	1R Based on met.	available data, t	he classifica	ation	criteria are not	
11.2 Pr	actical exper	iences:							
Cla	Classification observations:			No inform	nation available				
Ot	ther observa	tions:		No inform	nation available				
11.3 Ge	eneral notes:								

Toxicity 12.1



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Trading name:		ACID ALCOHOL,	AZAN		
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Acute (short-te toxicity	rm)	Dose Exposure Species Method Evalu		Evaluation	Note			
Fish	ish		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 No information available		information	-				
Algae/aquatic μ	olants	IC ₅₀	4 days	No information available	No information available	No information available	-	
Other organism	าร	-	_	-	-	-	-	
Chronic (long-t toxicity	erm)	Dose	Exposure time	e Species	Method	Evaluation	Note	
Fish		LC ₅₀	96 hours	No information available	No information available	No information available	-	
Crustacea:		EC ₅₀	48 hours	No information available	No information available	No information available	-	
Algae/aquatic p	olants	IC ₅₀	72 hours	No information available	No information available	No information available	-	
Other organism	าร	-	-	-	-	-	-	
12.2 Persist	onco a	nd degradab	ility					
		idation	iiity					
ADIOU		gradation ha	lf-lives	Method	Evaluatio	n	Note	
Marine water		nformation av		No information available	No informatio			
Fresh water	No ir	nformation av	vailable	No information available	No information	n -	-	
Air	No ir	nformation av	/ailable	No information available	No information available	n -		
Soil	Soil No information ava		vailable	No information available	No informatio available	n -	-	
Diodo	aradati.							
% Degradation	gradatio	on Time (d	avc)	Method	Evaluatio	n	Note	
No information available			ormation	No information available	No information available	n No info	No information available	



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Trading	g name:		ACID ALCOHOL, AZAN									
Produc	t code:	KAA-(OT-X**		Date	Date of compilation: 04 June 2				١	/ersion:	3
							•	<u> </u>				
	:											
12.3	Bioaccum	ulative p	otential									
	Octanol-w	ater par	rtition coeff	cient (log Kow)						
Valu	e Co	ncentrat	tion p	Н	°C	Me	ethod	Evalu	ıation		Note	
-	-		-			-		-		-		
	Bioconcen	tration	factor (BCF)					I .				
	Value Species				∕lethoc		Evaluat	ion		Note		
No info availabl			inform	ation	No info		on	No informati available	ion	-		
avallabl	available available		one	avallab		ie		avaliable				
	Chronic ed	otoxicit	·V									
	1			Exp	osure							
	Value		Dose		ime	Spe	ecies	Method	Evalu	ation	Note	
				No		No		No	No			
Chronic	toxicity on	fish	LC ₅₀	infor availa	mation	inforr availa	mation	information available	informa availab		-	
				No	abie	No	anie	No	No			
	toxicity on	.\	EC ₅₀		mation		mation	information	informa	ation	-	
crustace	ea (<i>Daphnia</i>)		availa	able	availa	able	available	availab	le		
12.4	Mobility in	n soil										
	Known or	predicte	ed distributi	on in e	environm	ental o	compart	ments:				
	No inform	ation av	/ailable									
	Surface te	nsion:										
	Value		°C	C	oncentra	tion	1	Method			Note	
	No	No inf	ormation	No	informa	tion	No info	ormation				
	information available		ormation ailable	ava	ilable		availab	ble				
		<u>i</u>							i			



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Trading name:		ACID ALCOHOL,	AZAN		
Product code:	KAA-OT-X**	Date of compilation:	04 June 2019	Version:	3

	Adsorption / desor	ption						
Transpo	A/D coeff Henry's co		log Kow	Evaporation rate	Method	Note		
Soil-wat	er No infa			No information available	No information available	-		
Water-a	ir No int	formation	No information available	No information available	No information available	-		
Soil-air	No inta	formation	No information available	No information available	No information available	-		
12.5	Results of PBT and	vDvD accor	cmont					
12.5	Not applicable.	VPVD asses	sment					
	посаррпсавле.							
12.6	Other adverse effe	cts						
	No further relevant	t informatio	on available.					
SECTIO	N 13. Disposal con	sideration	S					
13.1	Waste treatment	methods						
13.1.1.	Product/Packagii	ng disposal	:					
	Submit for dispo Protection.	sal to the le	egal person autho	rized by the Ministr	y of Environmental	and Nature		
13.1.2.	Waste codes/was	ste designa	tions according to	Law:				
	15 01 10*: Packag substances	ging that co	ontains residual ha	azardous substance	s or is contaminated	d with hazardous		
13.1.3.	Waste treatment	– relevant	information:					
	No information a							
13.1.4.	Sewage disposal	– relevant	information:					
	Waste must not l	be dispose	d of into the sewa	ge system.				
13.1.5.	Other disposal re	commenda	ations:					
	authorized by the	e ministry i	n charge. Do not d	the sewage system. dispose of the packa the ministry in chai	aging into the sewa			
	Relevant Community provisions:							



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Trading name:	ACID ALCOHOL, AZAN				
Product code:	KAA-OT-X**	Date of compilation:	04 June 2019	Version:	3

Disposal must be made accord	ing to official regulations.	
SECTION 14 TRANSPORT INFORMATIO	N .	
Transporting/shipment by road (ADR)	
UN number:	1170	
UN proper shipping name:	Ethanol solution	
Transport hazard class(es):	3	
Packing group:	II	
Environmentally hazardous:	-	
Special precautions for user:	-	
Transporting/shipment by rail (R	ID)	
UN number:	1170	
UN proper shipping name:	Ethanol solution	
Transport hazard class(es):	3	
Packing group:	П	
Environmentally hazardous:	-	
Special precautions for user:	-	
Inland waterway transport (ADN)		
UN number:	1170	
UN proper shipping name:	Ethanol solution	
Transport hazard class(es):	3	
Packing group:	П	
Environmentally hazardous:	-	
Special precautions for user:	-	
Transporting/shipment by sea (IN	MDG)	
UN number:	1170	
UN proper shipping name:	Ethanol solution	
Transport hazard class(es):	3	
Packing group:	П	
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:	1170	
UN proper shipping name:	Ethanol solution	



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Trading name:		ACID ALCOHOL	L, AZAN			
Product code:	KAA-OT-X**	Date of compilation:	04 June 2019	Version:	3	

Transport hazard class(es):	3
Packing group:	П
Environmentally hazardous:	-
Special precautions for user:	-
Further information: -	

SECTIO	ON 15. Regulatory informa	ation				
15.1	Safety, health and enviror	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:	EC Regulation No. 1906/2007 and EC Regulation No. 1272/2008 of the European Parliament and the European Council; Regulation (EC) No. 1907/2006 of the European Parliament and Council on registration, evaluation, authorization and restriction of chemical substances (REACH); EC Regulation No. 2037/200 of the European Parliament and Council from 29 June 2000 on substances that damage the ozone layer; EC Regulation No. 689/2008 of the European Parliament and Council from 17 June 2008 concerning the export and import of dangerous chemicals; EC Regulation No. 850/2004 of the European Parliament and Council from 29 April 2004 about persistent organic pollutants; Directive 2008/98/EC of the European Parliament and Council of 19				
	November 2008 on waste and repealing certain Directives Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-quideline)					
	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	nt				
	None					

SECTION 16. Other information					
16.1	Indication of changes:	-			



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Trading name:		ACID ALCOHOL	, AZAN	<u> </u>	
Product code:	KAA-OT-X**	Date of compilation:	04 June 2019	Version:	3

16.2	Abl	previations and acronyms:	vPvB	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 72/2008 (CLP)	used to derive the o	classification for mixture according to Regulation (EC)		
Classifi	Classification		Classification procedure			
_			-			
16.5.	Rel	evant H statements (numb	er and full text)			
		H225	Highly flammable liquid and vapor.			
	H:	H314	Causes severe skin burns and eye damage.			
		H331	Toxic if inhaled.			
16.6.	Tra	ining advice:	-			
16.7.	16.7. Further information:		** "X" in the product code marks different volumes (different packagings of the product) We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.			

ANNEX: Exposure scenario resulting to chemical safety assessment
-



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Trading name:	PHOSPHOMOLYBDIC ACID, 5% SOL			l	
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

SECTIO	ON 1: Identification of the substance/mixture and of the company/undertaking						
1.1	Product identifier						
	Trading name:	PHOSPHON	//OLYBDIC	ACID, 5% SOLUTION			
	Chemical name:	-					
	Catalogue number:	FMK5-OT-X	FMK5-OT-X**				
1.2	Relevant identified use	es of the subs	tance or m	nixture and uses advised against			
	Uses:		For use v	with special staining kits.			
	Uses advised against:		Only the	identified uses are advised.			
	Reason why uses advis	sed against:	medical	duct is intended for use only as an <i>in vitro</i> diagnostic device, registered at the Agency for Medicinal Products and Devices and there is no reason to use it for other purposes.			
1.3	Details of the supplier	of the safety	data shee	t			
	Supplier:		BioGnos	BioGnost Ltd.			
	Address:		Medjugo	Medjugorska 59, Zagreb +385 1 2409997 +385 1 2404039			
	Telephone number:		+385 1 2				
	Telefax.:		+385 1 2				
	e-mail of competent p	erson:	msds@b	oiognost.hr			
	National contact:		-				
1.4	Emergency telephone	number					
	National Protection ar	nd Rescue Dire	ectorate:	112			
	Medical information:	Medical information:		+385 1 2348 342			
	Other information:			_			

SECTIO	TION 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 categ	ory code:	Hazard statements*:				
	Not identified as hazardous su	bstance.	-				
2.1.2.	Additional information						
	-						
*For fu	ll text of Hazard- and EU Hazard	-statements: see S	ECTION 16				
2.2	Label elements						
	Product identification:	PHOSPHOMOL	YBDIC ACID, 5% SOLUTION				
	Identification number: -						
	Authorization number: -						
	Hazard pictograms:	-					



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Trading name:	PH	IOSPHOMOLYBDIC ACII	D, 5% SOLUTION		
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

	Signal word:	-
	Hazard statements:	-
	Precautionary statements:	-
	Supplemetal hazard information (EU):	-
2.3	Other hazards	
	-	

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)		
51429-74-4/ 234-713-5/ -	-	≤ 5 %	molybdophosphoric acid	Ox. Sol. 3; H272 Skin Corr. 1B; H314		

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



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Trading name:		PHOSPHOMOLYBDIC ACI	D, 5% SOLUTION	l	
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

	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:	water spray, dry powder, CO ₂ or alcohol resistant foam	
	Unsuitable extinguishing media:	Water with full jet	
5.2	Special hazards arising from the substance or mixture		
	Hazardous combustion products:	no information available	
5.3	Advice for firefighters		
	Use a self-contained open-circuit c	ompressed air breathing apparatus and fireproof clothing.	
5.4	Additional information		
	Cool endangered receptacles with contaminate the environment with	water spray. Collect contaminated fire fighting water separately. Do not 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. Avoid breathing vapors and avoid contact with skin and eyes. Do not smoke. Keep away from ignition sources.		
	Emergency procedures:	Mark the area using proper signs.		
6.1.2.	For emergency responders:			
	Use protective equipment; in c (see Section 8).	ase of inadequate ventilation use adequate airways protective equipment		
6.2	Environmental precautions:			
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.			
6.3	Methods and material for containment and cleaning up			
6.3.1.	Bunding, covering of drains; capping procedures:	Sand protective barrier or barriers made of similar materials.		



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Trading name:		PHOSPHOMOLYBDIC ACI	D, 5% SOLUTION	l	
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

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 and involved materials with water.		
6.3.3.	Other information:	Secure proper ventilation. Do not use incompatible materials (see Section 10).		
6.4	Reference to other sections			
	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.			

SECTIO	ON 7. Handling and storage			
7.1	Precautions for safe handling			
7.1.1.	Protection measures			
	Measures to prevent fire:		Use in well ventilated storage rooms. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.	
	Measures to prevent aerosol and dust generation	on:	Secure proper ventilation.	
	Measures to protect the environment: and waterways.		Prevent spilling into the sewage system and waterways.	
			Protect against electrostatic charges.	
7.1.2.	Advice on general occupational hygiene:			
	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating.			
7.2	Conditions for safe storage, including any incon	npatibilities		
	Technical measures and storage conditions:	well ventila	htly closed and upright set containers in a ated storage rooms at temperatures ranging 25 °C. Protect from heat and direct sunlight.	
	Packaging materials:	Manufactu	ırer's original packaging.	
	Requirements for storage rooms and vessels: Keep away tightly close		r from food and drink. Keep the containers sed.	
	Advices for storage equipment:	must be re	e must be made of hard material; floors esistant to chemicals. There must be no drain ly leads into sewage system. Secure proper .	
	Further information on storage conditions:	and do no	ice the unused material in the storage room t use empty containers for storing other Do not store with incompatible materials on 10).	



Air

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

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Trading name:		PHOSPHOMOLYBDIC ACI	D, 5% SOLUTION	<u> </u>	
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					·

7.3	Specific end use(s)				
	Recommendations:	-			
	Industrial sector specific solutions:	-			

Industrial	Industrial sector specific solutions: -								
SECTION 8. Expos	ure contro	ols/perso	nal protec	tion					
8.1 Control pa	arameters								
Substance		CA			ccupational exposure limit values/short term values		Biologic	al limit values	
				p	ppm	mg/m³			
-			-		-	-	-		
	-								
Substance name:	-	1				T			
EC No:	-	CAS No	: -						
DNEL									
				Ind	ustrial				
Route of	Acu	ite	Acut	te		Chronic		Chronic	
exposure:	effect	local	effect sys	stemic		effect local	ef	fect systemic	
Oral	-		-		-		-		
Inhalation	-		-		_	-			
Dermal	-		-		-		-		
Critical physical pa	rameters: s	olubility,	flammabilit	ty, corr	osivity:				
			1	Con	sumer				
Route of		cute	Acut		Chronic			Chronic	
exposure:	effec	t local	effect sys	stemic	effect local		ef	fect systemic	
Oral	-		-		-		-		
Inhalation	-		-		-		-		
Dermal			-		-		-		
PNEC									
Environmental prof	tection targ	get			PNEC				
Fresh water					no information available				
Freshwater sediments					no information available				
Marine water					no information available				
Marine sediments					no information available				
Food chain					no inform	nation available			
Microorganisms in	sewage tre	eatment			no inform	nation available			
Soil (agricultural)					no information available				

no information available



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Trading name:	PHOSPHOMOLYBDIC ACID, 5% SOLUTION					
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3	

8.2	Exposure controls					
8.2.1.	Appropriate engineering controls					
	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 prevent exposure:		In accordance with Section 7.			
	Organisational measures to preve exposure:	ent	Organization of work in order to reduce other worker's influence during work process.			
	Technical measures to prevent ex	rposure:	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels. Secure stations for rinsing eyes and showering.			
8.2.2.	Personal protection equipment					
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (EN 166) or visor in case of lower levels of concentration in air; protective gas mask that covers the entire face in case of higher levels of concentration in air.				
8.2.2.2.	Skin protection	<u>i</u>				
	The state of the s		otective gloves have to satisfy the specification of ation (EU) 2016/425 and the related standard EN 374. Glove material: nitrile rubber Glove thickness: 0.40 mm Time until perforation: > 480 min			
	Other skin protection:	footwe entire imperr	everyday work use cotton clothing (EN 340) and suitable ear, such as rubber boots (EN 20345) or shoes that cover the foot. In case of spilling hazard, use clothing made of meable material suitable for protection from liquid chemicals PVC, himex) and footwear made from the same material.			
8.2.2.3.	Respiratory protection:	with a	tive full face mask (EN 136) or half mask (EN 140) equipped filter for organic vapors, type "A" (boiling point >65°C) ng to EN 14387) used when concentration levels exceed GVI.			
8.2.2.4.	Thermal hazards:	No info	ormation available			
8.2.3.	Environmental exposure controls					
	Substance/mixture related measures to prevent exposure:	See Se	ction 6			
	Structural measures to prevent exposure:	Use mo	odern equipment.			
	Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of workplace.				



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Trading name:	PH				
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

Technical measures to prevent	See Section 6
exposure:	See Section o

1	Information on basic physical and	chemical properties	
		Value	Method
	Physical state:	liquid	No information available
	Colour:	yellow	No information available
	Odour:	No information available	No information available
	Odor threshold:	No information available	No information available
	pH:	No information available	No information available
	Melting point / freezing point;	No information available	No information available
	Initial boiling point and boiling range:	No information available	No information available
	Flash point:	No information available	No information available
	Evaporation rate:	No information available	No information available
	Flammability (solid, gas):	No information available	No information available
	Upper/lower flammability or explosive limits:	No information available	No information available
	Vapour pressure:	No information available	No information available
	Vapour density:	No information available	No information available
	Relative density:	No information available	No information available
	Bulk density:	No information available	No information available
	Solubility(ies):	No information available	No information available
	Partition coefficient: n-octanol/water (log Kow):	No information available	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	Viscosity:	No information available	No information available
	Explosive properties:	No information available	No information available
	Oxidising properties:	No information available	No information available

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



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Trading name:		<u> </u>			
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

10.2	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using (room temperature).
10.3	Possibility of hazardous reactions:	No 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. T	ation on toxico								
	toxicity:	9.00.							
Route of exposure:	Meth	od Sp	ecies	Do	ose LD ₅₀ /LC ₅₀ o	or	Exposure ti	me	Results
Oral:	No inform available	nation	-		information lable		_		_
Dermal:	No inform available	nation	_		information lable		_		_
Inhalation:	No inform available	nation	-		information lable		_		_
Specif	c target organ t	oxicity – singl	e expo	sure (S	TOT SE):				
		Specific effect	ts		Targ	get orga	n		Note
Oral:	Oral: No information available			No information avai		able	-		
Dermal:	No inform	nation availabl	e	No information		on avail	able	-	
Inhalation:	No inform	ormation available			No information available		able	-	
Aspira	tion hazard:		N	o inforr	mation availab	le.			
Irritatio	on and corrosio	n							
	Ex	posure time		Spec	ies Eval	uation	Method		Note
Skin corrosion/irrita	ion:		-		-		-	-	
Serious eye damage/irritati	on -		-		-		-	-	
Sensiti	zation								
Skin sensitization	n: ſ	No informatio	n availa	able.					
		No informatio	n avail:	ahla					



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Trading	name:	PH	-			
Product	code: I	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

Sympto	ms rela	ated to the ph	ysical, chemic	al and toxicolog	gical characterist	ics	
Oral exposure:		Harmful if sw	allowed.				
Dermal exposure	: :	Harmful if ab	sorbed throug	ıh skin. May cau	ıse skin irritation		
Inhalation expos	ure:	Harmful if inl	naled. May cau	ise respiratory t	ract irritation.		
Eye exposure:		May cause ey	e irritation.				
Repeate	ed dose	e toxicity (sub	acute, subchro	onic, chronic)			
		Dose	Exposure time	Species	Method	Evaluation	Note
Subacute oral	No availa	information able	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 availa	information able	No information available	No information available	No information available	No information available	-
Subchronic dermal	No availa	information able	No information available	No information available	No information available	No information available	-
Subchronic inhalation	No availa	information able	No information available	No information available	No information available	No information available	-
Chronic oral	No availa	information able	No information available	No information available	No information available	No information available	-
Chronic dermal	No availa	information able	No information available	No information available	No information available	No information available	-
Chronic inhalation	No availa	information able	No information available	No information available	No information available	No information available	-
Specific	target	organ toxicit	y – repeated e	xposure (STOT	RE):		
			Specific effec	ts	Target o	rgan	Note
Subacute oral		No informa	tion available		No information	n available -	
Subacute dermal		No informa	tion available		No information	n available -	



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Trading name:	PH	D, 5% SOLUTION			
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

11.3	General notes:						
	Other observa	tions:	No information available				
	Classification o		No information available				
11.2	Practical exper						
	Summary of properties:	evaluation of the CM	Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. CMR Based on available data, the classification criteria are not met.				
	Reproductive t	oxicity:					
	Germ cell muta						
	Mutagenicity i						
	Genotoxicity:		Based on available data, the classification				
	Mutagenicity in vitro:		Based on available data, the classification	r criteria are not met.			
	Carcinogenicit	y:	Based on available data, the classification criteria are not met.				
	CMR effects (c	arcinogenicity; mutagenicity;	reproductive toxicity)				
Chroni	c inhalation	No information available	No information available	-			
	c dermal	No information available	No information available				
Chroni		No information available	No information available				
Subchr	onic inhalation	No information available	No information available	-			
Subchr	onic dermal	No information available	No information available	-			
Subchr	onic oral	No information available	No information available	· -			
Subacı	ıte inhalation	No information available	No information available) -			

SECTION 12. Ecologic	cal informat	ion				
12.1 Toxicity						
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	No information available	-



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Trading name:		PHOSPHOMOLYBDIC ACI	D, 5% SOLUTION		
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

Exposure time 96 hours	- Species No information available	Method No information available	Evaluation No information	- Note
time	No information	No information	No information	
96 hours		information	information	-
			available	
48 hours	No information available	No information available	No information available	-
72 hours	No information available	No information available	No information available	-
-	-	-	-	-
		72 hours available	72 hours No information available information available	72 hours No information available information available information available

		1		
	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	-

Biodegradation

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

12.3 Bioaccumulative potential

Octanol-water	partition	coefficient	(log	Kow)	١
---------------	-----------	-------------	------	------	---

Value	Concentration	рН	°C	Method	Evaluation	Note
-	-	-	_	-	-	-



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										r	age 12 of 10	<u>) </u>
Trading	g name:			Pł	HOSPHO	ОМО	LYBDIC	ACID,	5% SOL	UTION		
Produc	ct code:	FMK	5-OT-X**		Date	of co	mpilatio	on:	04 July 2	019	Version:	3
	Bioconce	entration	n factor (BCF)									
V	/alue		Species		M	lethod	1	E۱	/aluation		Note	
No info	rmation	No	inform	ation	No info	rmatic	n	No info	ormation			
availabl	le	availa	able		available	е		availab	le	-		
	Chronic	ecotovic	itv									
		CCOTOXIC		Exp	osure							
	Value Dose		Dose		time S _I		ecies	Meth	nod	Evaluation	Note	<u> </u>
<i>.</i>		C. I		No · ·	.•	No	.•	No	N			
Chronic toxicity on fish		LC ₅₀	ıntorr availa	mation Ible	intorr availa	mation ıble	inform availab		formation ailable	-		
				No		No		No	N	0		
	toxicity o ea (<i>Daphn</i>		EC ₅₀		nation		formation inform			formation	_	
				availa	ible	availa	ible	availab	le a\	/ailable		
12.4	Mobility	in soil										
	1		ted distributi	on in e	nvironme	ental c	ompart	ments:				
	No infor	······										
	Surface t	ension:										
	Value	•	°C	Co	oncentrat	ion		Metho	od		Note	
	No		lo	No	informat	ion	No inf	ormatio	า			
	informat available		nformation vailable		ilable		availab			-		
	avanasie		vanabic									
		<u></u>					<u>i</u>					
	Adsorpti	on / des	orption									
Transpo	ort	A/D coe	efficient	J۸	g Kow	E/	aporati	on rate	Mo	thod	Note	
rianspe			constant								Note	
Soil-wa	iter No	ilable	information	No in availa	formatio ble		o inform ailable	nation	No infor		-	
Water-a	air No		information		formatio		o inform	nation	No info		_	
vvaler-c	ava	ilable		availa	ble	av	ailable		available	9		



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Trading name: PHOSPHOMOLYBDIC ACID, 5% SOLUTION									
Produc	t code:	FMK5-OT-X**	Date of	compilation:	04 July 2019	Version:	3		
Soil-air	No availa	information able	No information available	No information available	No information available	-			
12.5	Results of	PBT and vPvB asses	ssment						
	Not applic	cable.							
12.6		erse effects							
	No further	r relevant informati	on available.						
SECTIO	N 13 Disn	osal consideration	•						
13.1		reatment methods	<u> </u>						
13.1.1.	Product,	/Packaging disposa	l:						
		•	egal person autho	rized by the Minis	try of Environmental	and Nature			
	Protection	on.							
13.1.2.	Waste c	odes/waste designa	ations according to	Law:					
)*: Packaging that c			es or is contaminate	d with hazardo	ous		
13.1.3.	Waste tr	reatment – relevant	information:	C .					
	No infor	mation available							
13.1.4.	Cowago	disposal – relevant	information:						
13.1.4.	_	nust not be dispose		ige system					
	Wastern	Tast Hot be dispose	a or into the sewa	ige system.					
13.1.5.	Other di	isposal recommend	ations:						
	authoriz		n charge. Do not	dispose of the pac	n. Submit the remair kaging into the sewa arge.				
13.1.6.	Relevan	t Community provis	ions:						
	Disposa	I must be made acc	ording to official r	regulations.					
CECTIO	NI 14 TDAN	ICDORT INCORMA	TION						
SECTIO		ISPORT INFORMA ing/shipment by roa							
UN num	•	g, spinent by 100		o transport regula	tions				
UN prop	per shippin	g name:	-						



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Trading name:	PHOSPHOMOLYBDIC ACID, 5% SOLUTION				
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

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



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Trading name:	PHOSPHOMOLYBDIC ACID, 5% SOLUTION				
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

15.1	ON 15. Regulatory information Safety, health and environ	nmental regulations/legislation specific for the substance or mixture		
	EU regulations			
	Authorization and/or restrictions of use			
	Authorizations:	-		
	Restrictions:	-		
	Other EU regulations:	EC Regulation No. 1906/2007 and EC Regulation No. 1272/2008 of the European Parliament and the European Council; Regulation (EC) No. 1907/2006 of the European Parliament and Council on registration, evaluation, authorization and restriction of chemical substances (REACH); EC Regulation No. 2037/200 of the European Parliament and Council from 29 June 2000 on substances that damage the ozone layer; EC Regulation No. 689/2008 of the European Parliament and Council from 17 June 2008 concerning the export and import of dangerous chemicals; EC Regulation No. 850/2004 of the European Parliament and Council from 29 April 2004 about persistent organic pollutants; Directive 2008/98/EC of the European Parliament and Council of 19		
		November 2008 on waste and repealing certain Directives 99/13/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			

SECTIO	ON 16. Other information		
16.1	Indication of changes:	-	
		PBT	Stable, bioaccumulative and toxic
		vPvB	Strongly stable and strongly bioaccumulative.
16.2	Abbreviations and acronyms:	LD ₅₀	Lethal dose, 50%
		LC ₅₀	Lethal concentration, 50%
		TCOJ	Specific target organ toxicity - single exposure
16.3.	Key literature references and source of data:	-	



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Trading name:					
Product code:	FMK5-OT-X**	Date of compilation:	04 July 2019	Version:	3

16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)			
Classific	cation	Classification procedure		
_		-		
16.5.	Relevant H statements (num	ber and full text)		
	H: H272	May intesify fire ; oxidiser.		
	H314	Causes severe skin burns and eye damage.		
16.6.	Training advice:	-		
		** "X" in the product code marks different volumes (different packagings of the product)		
16.7.	Further information:	We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.		

ANN	NEX: Exposure scenario resulting to chemical safety assessment
_	



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Trading name:	AZAN REAGENT				
Product code:	AZR-OT-X**	Date of compilation:	27 June 2019	Version:	3

SECTIO	ON 1: Identification of t	:he substance	e/mixture	and of the company/undertaking	
1.1	Product identifier				
	Trading name:	AZAN REAC	SENT		
	Chemical name:	-	-		
	Catalogue number:	AZR-OT-X*	*		
1.2	Relevant identified use	es of the subs	of the substance or mixture and uses advised against		
	Uses:		For use v	with Azan Trichrome kit.	
	Uses advised against:		Only the	identified uses are advised.	
	Reason why uses advis	sed against:	medical	duct is intended for use only as an <i>in vitro</i> diagnostic device, registered at the Agency for Medicinal Products and Devices and there is no reason to use it for other purposes.	
1.3	Details of the supplier	of the safety	data shee	t	
	Supplier:		BioGnos	t Ltd.	
	Address:		Medjugo	orska 59, Zagreb	
	Telephone number:		+385 1 2	1 2409997	
	Telefax.:		+385 1 2	2404039	
	e-mail of competent p	erson:	msds@b	oiognost.hr	
	National contact:		-		
1.4	Emergency telephone	number			
	National Protection ar	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 Reg	ulation (EC) No 12	772/2008 (CLP)				
	Hazard class and categ	ory code:	Hazard statements*:				
	Not identified as hazardous su	bstance.	-				
2.1.2.	. Additional information						
	-						
*For fu	ll text of Hazard- and EU Hazard-	-statements: see S	ECTION 16				
2.2	Label elements						
	Product identification:	AZAN REAGENT					
	Identification number:	-					
	Authorization number:	-					
	Hazard pictograms:	-					



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Trading name:	AZAN REAGENT				
Product code:	AZR-OT-X**	Date of compilation:	27 June 2019	Version:	3

	Signal word:	-
	Hazard statements:	-
	Precautionary statements:	-
	Supplemetal hazard information (EU):	-
2.3	Other hazards	
	-	

SECTION 3. Cor	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)					
-	-	-	Contains no hazardous substances	-					

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



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Trading name:					
Product code:	AZR-OT-X**	Date of compilation:	27 June 2019	Version:	3

		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			
ĺ		-			

SECTIO	ON 5. Firefighting measures			
5.1	Extinguishing media			
	Suitable extinguishing media:	water spray, dry powder, CO ₂ or alcohol resistant foam		
	Unsuitable extinguishing media:	Water with full jet		
5.2	Special hazards arising from the substance or mixture			
	Hazardous combustion products:	no information available		
5.3	Advice for firefighters			
	Use a self-contained open-circuit co	ompressed air breathing apparatus and fireproof clothing.		
5.4	Additional information			
	Cool endangered receptacles with contaminate the environment with	water spray. Collect contaminated fire fighting water separately. Do not extinguishing media.		

SECTIO	ON 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. Avoid breathing vapors and avoid contact with skin and eyes. Do not smoke. Keep away from ignition sources.						
	Emergency procedures: Mark the area using proper signs.						
6.1.2.	For emergency responders:						
	Use protective equipment; in a (see Section 8).	ase of inadequate ventilation use adequate airways protective equipment					
6.2	Environmental precautions:						
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.						
6.3	Methods and material for cont	ainment and cleaning up					
6.3.1.	Bunding, covering of drains; capping procedures: Sand protective barrier or barriers made of similar materials.						



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Trading name:	AZAN REAGENT					
Product code:	AZR-OT-X**	Date of compilation:	27 June 2019	Version:	3	

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 and involved materials with water.			
6.3.3.	Other information:	Secure proper ventilation. Do not use incompatible materials (see Section 10).			
6.4	Reference to other sections				
	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.				

SECTIO	ON 7. Handling and storage				
7.1	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:		Use in well ventilated storage rooms. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.		
	Measures to prevent aerosol and dust generation	on:	Secure proper ventilation.		
	Measures to protect the environment:		Prevent spilling into the sewage system and waterways.		
	Other measures:	asures: Protect against electrostatic ch			
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 incon	npatibilities			
	Technical measures and storage conditions:	well ventila	htly closed and upright set containers in a ated storage rooms at temperatures ranging 25 °C. Protect from heat and direct sunlight.		
	Packaging materials:	Manufactu	ırer's original packaging.		
	Requirements for storage rooms and vessels:	Keep away	r from food and drink. Keep the containers sed.		
	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:	and do no	ice the unused material in the storage room t use empty containers for storing other Do not store with incompatible materials on 10).		



Soil (agricultural)

Air

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

									Page 5 of 16	<u>;</u>
Trading name:					AZAN	REAGE	NT			
Product code:	AZR-O	Г-Х**	С	Date of	compila	ition:	27 Jun	e 2019	Version:	3
7.3 Specific	end use(s)									
-	nendations:				_					
Industri	al sector spe	cific solut	tions:		-					
:	-				1					
SECTION 8. Exp	osure contr	ols/perso	onal protec	tion						
8.1 Control	parameters									
Substan		C A	S No		pational ues/short	•		Piolo	aical limit valuos	
Substat	Substance		12 140		pm	mg/		ыою	gical limit values	
-			_	P	-	-	-			
Substance name	: -									
EC No:	-	CAS No):							
DNEL	1		:							
				Indu	ustrial					
Route of Acute Acut		te	Chronic			Chronic				
exposure:	effect	local	effect systemic		effect local			effect systemic		
Oral	-		-					-		
Inhalation	-		-		-			-		
Dermal	-	I. d- 114		.						
Critical physical	parameters:	solubility,	Tiammabili			-				
Donate of	Α.	cute	Acu		sumer	Chron	ic		Chronic	
Route of exposure:		ct local	effect sy		Chronic effect local			effect systemic		
Oral	-		-		_			_		
Inhalation	-		-		-			-		
Dermal	-		-		-			-		
PNEC										
Environmental protection target			F	PNEC						
Fresh water				r	no inform	nation av	ailable			
Freshwater sediments			r	no information available						
Marine water				r	no information available					
Marine sediment	:S			r	no inform	nation av	ailable			
Food chain				r	no information available					
Microorganisms	in sewage tı	eatment		r	no information available					

no information available

no information available



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Trading name:		AZAN REAG	ENT		
Product code:	AZR-OT-X**	Date of compilation:	27 June 2019	Version:	3

8.2	Exposure controls			
8.2.1.	Appropriate engineering controls	5		
	Substance/mixture related measure prevent exposure during identified		Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace.	
	Structural measures to prevent exposure:		In accordance with Section 7.	
	Organisational measures to preve exposure:	ent	Organization of work in order to reduce other worker's influence during work process.	
	Technical measures to prevent ex	rposure:	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels. Secure stations for rinsing eyes and showering.	
8.2.2.	Personal protection equipment			
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (EN 166) or visor in case of lower levels of concentration in air; protective gas mask that covers the entire face in case of higher levels of concentration in air.		
8.2.2.2.	Skin protection	i		
	Hand protection:		otective gloves have to satisfy the specification of tion (EU) 2016/425 and the related standard EN 374. Glove material: nitrile rubber Glove thickness: 0.40 mm Time until perforation: > 480 min	
	Other skin protection:	footwe entire impern	everyday work use cotton clothing (EN 340) and suitable ear, such as rubber boots (EN 20345) or shoes that cover the foot. In case of spilling hazard, use clothing made of meable material suitable for protection from liquid chemicals PVC, himex) and footwear made from the same material.	
8.2.2.3.	Respiratory protection:	with a	tive full face mask (EN 136) or half mask (EN 140) equipped filter for organic vapors, type "A" (boiling point >65°C) ng to EN 14387) used when concentration levels exceed GVI.	
8.2.2.4.	Thermal hazards:	No info	ormation available	
8.2.3.	Environmental exposure controls			
	Substance/mixture related measures to prevent exposure:	See Se	ction 6	
	Structural measures to prevent exposure:	Use mo	odern equipment.	
	Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of workplace.		



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Trading name:		AZAN REAGE	NT	<u> </u>	
Product code:	AZR-OT-X**	Date of compilation:	27 June 2019	Version:	3

Technical measures to prevent	See Section 6
exposure:	See Section 6

1	Information on basic physical and	chemical properties	
		Value	Method
	Physical state:	liquid	No information available
	Colour:	dark green to brown	No information available
	Odour:	No information available	No information available
	Odor threshold:	No information available	No information available
	рН:	No information available	No information available
	Melting point / freezing point;	No information available	No information available
	Initial boiling point and boiling range:	No information available	No information available
	Flash point:	No information available	No information available
	Evaporation rate:	No information available	No information available
	Flammability (solid, gas):	No information available	No information available
	Upper/lower flammability or explosive limits:	No information available	No information available
	Vapour pressure:	No information available	No information available
	Vapour density:	No information available	No information available
	Relative density:	No information available	No information available
	Bulk density:	No information available	No information available
	Solubility(ies):	No information available	No information available
	Partition coefficient: n-octanol/water (log Kow):	No information available	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	Viscosity:	No information available	No information available
	Explosive properties:	No information available	No information available
	Oxidising properties:	No information available	No information available

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



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Trading name:	AZAN REAGENT				
Product code:	AZR-OT-X**	Date of compilation:	27 June 2019	Version:	3

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

11.1 Inforn	nation on to	xicologi	cal effects							
	toxicity:									
Route of exposure:	Met	hod	Species	Do	ose LD ₅₀ /LC ₅₀ or ATE _{mix}	Ex	posure ti	me	Results	
Oral:	-	-	-		information ilable		-		-	
Dermal:	-	-	_		information ilable		_		-	
Inhalation:	-	-	_		information ilable		_		-	
÷										
Specif	ic target org	jan toxio	city – single ex	xposure (S	TOT SE):					
		Specific effects			Target org		gan		Note	
Oral:	No in	No information available			No information available		-			
Dermal:	No in	formatic	n available		No information available		-			
Inhalation:	No in	formatio	ormation available		No information	availab	le	-		
Aspira	ntion hazard:			No infor	mation available.					
Irritati	on and corr	osion								
	*	Exposi	ure time	Spec	ies Evaluat	ion	Method		Note	
Skin corrosion/irrita	tion:			-	-	-	•	-		
Serious eye damage/irritat	ion -			-	-	-		-		
Sensit	ization									
Skin sensitizati	on:	No ii	nformation av	ailable.						
Respiratory sensitization: No information available of the sensitization in the sensitization and the sensitization in the sensitization and the sensitization in the sensitizati			nformation av	/ailahle						



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Sympto	ms rela	ated to the ph	ysical, chemic	al and toxicolog	gical characterist	ics		
Oral exposure: Harmful if sw		vallowed.						
Dermal exposure):	Harmful if ab	sorbed through skin. May cause skin irritation.					
Inhalation expos	ure:	Harmful if inl	naled. May cau	ıse respiratory t	ract irritation.			
Eye exposure:		May cause ey	e irritation.					
Repeate	ed dos	e toxicity (sub	acute, subchro	onic, chronic)				
		Dose	Exposure time	Species	Method	Evaluation	Note	
Subacute oral	No avail	information able	No information available	No information available	No information available	No informatio available	n -	
Subacute dermal	No avail	information able	No information available	No information available	No information available	No informatio available	n -	
Subacute inhalation	No avail	information able	No information available	No information available	No information available	No informatio available	n -	
Subchronic oral	No avail	information able	No information available	No information available	No information available	No informatio available	n -	
Subchronic dermal	No avail	information able	No information available	No information available	No information available	No informatio available	n -	
Subchronic inhalation	No avail	information able	No information available	No information available	No information available	No informatio available	n -	
Chronic oral	No avail	information able	No information available	No information available	No information available	No informatio available	n -	
Chronic dermal	No information available		No information available	No information available	No information available	No informatio available	n -	
Chronic inhalation	No avail	information able	No information available	No information available	No information available	No informatio available	n -	
Specific	target	organ toxicit	y – repeated e	xposure (STOT	RE):			
			Specific effec	ts	Target o	rgan	Note	
Subacute oral		No informa	tion available		No information	n available	-	
Subacute derma		No informa	tion available		No information	n available	-	



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11.3	General notes:						
	Other observa	tions:	No information available				
Classification			No information available				
11.2	Practical exper						
	Summary of properties:	evaluation of the CM	Based on available data, the class met.	sification criteria are no			
	Reproductive t	OXICITY:	Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.				
	Germ cell muta						
	Mutagenicity i						
	Genotoxicity:						
	Mutagenicity i	n vitro:					
	Carcinogenicit	y:	Based on available data, the classification criteria are not met.				
	CMR effects (c	arcinogenicity; mutagenicity;	reproductive toxicity)				
Chroni	c inhalation	No information available	No information available	ole -			
	c dermal	No information available	No information available				
Chroni		No information available	No information availab				
Subchr	onic inhalation	No information available	No information availab	ole -			
Subchr	onic dermal	No information available	No information availab	ole -			
Subchronic oral No information availal			No information availab	ole -			
Subacı	ute inhalation	No information available	No information availab	ole -			

SECTION 12. Ecological information						
12.1 Toxicity						
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	No information available	_



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Algae/aquatic plants	IC ₅₀	4 days	No information available	No information available	No information available	-
Other organisms	-	-	-	-	-	-
Chronic (long-term) 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	-	-	-	-	-	-

Persistence and degradability 12.2

Abiotic degradation

7101011	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	-			

Biodegradation

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

12.3 Bioaccumulative potential

Octanol-water partition coefficient (log Kow)

Oct	Octahor-water partition coefficient (log Kow)					
Value	Concentration	рН	°C	Method	Evaluation	Note
-	-	-	-	-	-	-



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Trading r	name:					A	ZAN R	EAGEN	Т				
Product o	ode:	AZR-	OT-X**		Date	of co	mpilati	on:	27 Jur	ne 2019	١	/ersion:	3
											Ţ		
Ь	:		forton (DCF)										
Valu		itration	factor (BCF) Species		N	1ethoc	1		/aluatio	on.		Note	
No inform		No	inform	ation	No info			No info				Note	
available	iation	availal		iation	availabl		711	availab		J11	-		
-													
	Chronic ed	cotoxicit	ty										
	Value		Dose		osure me	Spe	ecies	Meth	nod	Evalua	tion	Note	
				No	me	No		No		No			
Chronic toxicity on fish LC		LC ₅₀	infor	mation		mation	inform		informat		-		
	Chronic toxicity on			availa	able	availa	able	availab	le	available	9		
			EC ₅₀	No infor	mation	No inform	mation	No inform	ation	No informat	tion	_	
crustacea	(Daphnia	7)	2050	available a			ailable available			available			
12.4 N	Nobility in	n soil											
			ed distributi	on in e	environme	ental c	compart	ments:					
N	lo inform	nation av	vailable										
S	urface te	nsion:											
	Value		°C	Co	oncentrat	tion		Metho	od			Note	
	lo nformatio	No no inf	o formation		informat	ion		ormatio	n	_			
	vailable		ailable	ava	ilable		availal	ole					
		į											
Д	dsorptio	n / desc	orption										
Transport		A/D coe		lo	g Kow	E۱	/aporati	on rate		Method		Note	
			onstant										
Soil-water	. No avail		nformation	No in availa	nformatio Ible		o inform ailable	nation	No ir availa	nformatio able	n .	-	
	No		nformation					nation		nformatio	n		
Water-air available				No information available			No information available		available			-	



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Soil-air	. No availa	information able	No information available	No information available	No information available	-			
12.5	Results of	PBT and vPvB asses	ssment						
	Not applic	able.							
12.6		erse effects							
	No further	relevant information	on available.						
SECTIO	N 13 Dien	osal consideration	c						
13.1		reatment methods	5						
13.1.1.	Product,	/Packaging disposa	l:						
	Submit for disposal to the legal person authorized by the Ministry of Environmental and Nature Protection.								
13.1.2.		odes/waste designa							
	15 01 10 substand		ontains residual h	azardous substanc	es or is contaminate	ed with hazardo	us		
1212	\\\\-		:- f t :						
13.1.3.		reatment – relevant rmation available	information:						
	140 IIIIOI	Thation available							
13.1.4.	Sewage	disposal – relevant	information:						
	Waste m	nust not be dispose	d of into the sewa	ge system.					
13.1.5.		sposal recommend							
	authoriz		n charge. Do not	dispose of the pac	n. Submit the remain kaging into the sewa arge.				
13.1.6.	Relevant Community provisions:								
	Disposa	must be made acc	ording to official r	regulations.					
CECTIC	NI 14 TRAN	ICDODT INCODMA	TION						
SECTIO		ng/shipment by roa							
UN nur		ng/sinpincia by 100		Not subject to transport regulations					
UN pro	per shipping	g name:	-	,					



Further information:

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

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Transport hazard cl	ass(es):	-				
Packing group:		-				
Environmentally ha	zardous:	-				
Special precautions	for user:	_				
Transporti	ng/shipment by rail (R)	D)				
UN number:		No	t subject to transport regul	ations		
UN proper shipping	j name:	-				
Transport hazard cl	ass(es):	-				
Packing group:		-				
Environmentally ha	zardous:	-				
Special precautions	for user:	_				
Inland wat	erway transport (ADN)	·				
UN number:		No	t subject to transport regul	ations		
UN proper shipping name:		-				
Transport hazard cl	ass(es):	-				
Packing group:		-				
Environmentally has	zardous:	-				
Special precautions	for user:	_				
Transportii	ng/shipment by sea (IN	ИDG)			
UN number:		No	t subject to transport regul	ations		
UN proper shipping	name:	-				
Transport hazard cl	ass(es):	-				
Packing group:		-				
Environmentally has	zardous:	_				
Special precautions	for user:	-				
Transport in bulk a of MARPOL 73/78 a	ccording to Annex II and the IBC code:	_				
Transporti	ng/shipment by air (IC	AO-	TI/IATA-DGR)			
UN number:		No	t subject to transport regul	ations		
UN proper shipping	name:					
Transport hazard cl	ass(es):	_				
Packing group:						
Environmentally ha	zardous:	-				
Special precautions	for user:	_				



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SECTI	ON 15. Regulatory informa	ation				
15.1	Safety, health and enviror	Safety, health and environmental regulations/legislation specific for the substance or mixture				
	EU regulations					
	Authorization and/or rest	crictions of use				
	Authorizations:	-				
	Restrictions:	-				
	Other EU regulations:	EC Regulation No. 1906/2007 and EC Regulation No. 1272/2008 of the European Parliament and the European Council; Regulation (EC) No. 1907/2006 of the European Parliament and Council on registration, evaluation, authorization and restriction of chemical substances (REACH); EC Regulation No. 2037/200 of the European Parliament and Council from 29 June 2000 on substances that damage the ozone layer; EC Regulation No. 689/2008 of the European Parliament and Council from 17 June 2008 concerning the export and import of dangerous chemicals; EC Regulation No. 850/2004 of the European Parliament and Council from 29 April 2004 about persistent organic pollutants; Directive 2008/98/EC of the European Parliament and Council of 19 November 2008 on waste and repealing certain Directives				
	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					

SECTIO	SECTION 16. Other information						
16.1	Indication of changes:	-					
		PBT	Stable, bioaccumulative and toxic				
		vPvB	Strongly stable and strongly bioaccumulative.				
16.2	Abbreviations and acronyms:	LD ₅₀	Lethal dose, 50%				
		LC ₅₀	Lethal concentration, 50%				
		TCOJ	Specific target organ toxicity - single exposure				
16.3.	Key literature references and source of data:	-					



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

ANNEX: Exposure scenario resulting to chemical safety assessment
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