

MALLORY TRICHROME KIT

The kit contains:

Fuchsin Acid reagent
Orange G/Aniline Blue reagent
Phosphomolybdic acid, 1% solution



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Trading name:	FUCHSIN ACID REAGENT					
Product code:	FA-OT-X**	Date of compilation:	21 Dec 2022	Version:	4	

SECTI	ON 1: Identification of	the substance	e/mixture	and of the company/undertaking		
1.1	Product identifier					
	Trading name:	FUCHSIN A	CID REAG	ENT		
	Chemical name:	-				
	Catalogue number:	FA-OT-X**				
1.2	Relevant identified us	es of the subs	tance or n	nixture and uses advised against		
	Uses:		For use	with Mallory Trichrome kit.		
	Uses advised against:			identified uses are advised.		
	Reason why uses advi	s advised against: device, registered at the Agency for Med		duct is intended for use only as an <i>in vitro</i> diagnostic medical registered at the Agency for Medicinal Products and Medical and there is no reason to use it for other purposes.		
1.3	Details of the supplier	of the safety	data shee	t		
	Supplier:	Supplier:		BioGnost Ltd.		
	Address:		Medjugorska 59, Zagreb			
	Telephone number:		+385 1 2409997			
	Telefax.:		+385 1 2	2404039		
	e-mail of competent p	erson:	msds@biognost.hr			
	National contact:		-			
1.4	Emergency telephone	number				
	National Protection ar	nd Rescue Dire	ectorate:	112		
	Medical information:			+385 1 2348 342		
	Other information:			-		

SECTIO	ECTION 2. Hazards identification					
2.1	Classification of the substar	Classification of the substance or mixture				
2.1.1	Classification according to F	Regulation (EC) No 1	272/2008 (CLP)			
	Hazard class and ca	tegory code:	Hazard statements*:			
	Not identified as hazardous	substance.	-			
2.1.2.	Additional information					
	-					
*For fu	ıll text of Hazard- and EU Haza	ard-statements: see S	SECTION 16			
2.2	Label elements					
	Product identification:	FUCHSIN ACID	REAGENT			
	Identification number:	Identification number: -				
	Authorization number:	-				
	Hazard pictograms:	-				



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	Signal word:	-		
	Hazard statements:	-		
	Precautionary statements:	-		
	Supplemetal hazard information (EU):	-		
2.3	Other hazards			
	Endocrine Disrupting Proper	ties:		
	No known endocrine disrupting properties Results of PBT and vPvB assessment : According to the results of its assessment, this substance PBT or a vPvB.			

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



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

SECTI	SECTION 5. Firefighting measures						
5.1	Extinguishing media	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	Special hazards arising from the substance or mixture					
	Hazardous combustion products:	no information available					
5.3	Advice for firefighters	Advice for firefighters					
	Use a self-contained open-circuit c	compressed air breathing apparatus and fireproof clothing.					
5.4	Additional information	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 n without protective equipment. Avoid breathing vapors and avoid with skin and eyes. Do not smoke. Keep away from ignition sour				
	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:	Other information: Secure proper ventilation. Do not use incompatible materials (see Section 10).			
6.4	Reference to other sections				
	See Section 7 for information on safe handling.				
	See Section 8 for information on personal protection equipment.				
	See Section 13 for disposal in	formation.			

SECTIO	ON 7. Handling and storage				
7.1	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:		Use in well ventilated storage rooms. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.		
	Measures to prevent aerosol and dust generation	n:	Secure proper ventilation.		
	Measures to protect the environment:		Prevent spilling into the sewage system and waterways.		
	Other measures:		Protect against electrostatic charges.		
7.1.2.	Advice on general occupational hygiene:				
	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating.				
7.2	Conditions for safe storage, including any incom	patibilities			
	Technical measures and storage conditions:	well ventila	phtly closed and upright set containers in a atted 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 from food and drink. Keep the containers tightly closed.			
	Advices for storage equipment:	must be re	ge must be made of hard material; floors esistant to chemicals. There must be no drain ly leads into sewage system. Secure proper i.		



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

SECTION 8. Exp	osure contr	ols/perso	nal pr	otection					
8.1 Contro	parameters								
Substai	nce	CA	S No				exposure limit term values		Biological limit values
					ppn	n	mg/m³		J
-			-		-		-	-	
		•		•		'			
Substance name	e: -								
EC No:	-	CAS No):	-					
DNEL	1								
				In	dust	trial			
Route of	Ac	ute		Acute			Chronic		Chronic
exposure:	effect	local	effe	ct systemi	ic		effect local		effect systemic
Oral	-		-			-		-	
Inhalation	-		-			-			
Dermal	-		-		-		-		
Critical physical	parameters:	solubility,	flamm	ability, co	rrosi	vity:	-		
				Co	onsu	mer			
Route of	А	cute		Acute			Chronic		Chronic
exposure:	effe	ct local	effe	ct system	ic		effect local		effect systemic
Oral	-		-			-		-	•
Inhalation	-		-			-			
Dermal	-		-			-			
PNEC									
Environmental p	rotection tar	get				IEC			
Fresh water					no	inform	nation available		
Freshwater sedi	ments				no	inform	nation available		
Marine water					no	inform	nation available		
Marine sedimen	ts				no information available				



Food chain

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

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no information available

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



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

Information on basic phy	rsical and chemical properties	
	Value	Method
Physical state:	liquid	No information available
Colour:	red	No information available
Odour/odour threshold:	no information available/n information available	O No information available
Melting point / freezing p	point: No information available	No information available
Boiling point or initial bo point and boiling range:	iling No information available	No information available
Flammability:	No information available	No information available
Lover and upper explosion	on limit: No information available	No information available
Flash point:	No information available	No information available
Auto-ignition temperatu	re: No information available	No information available
Decomposition temperat	rure: No information available	No information available
pH:	No information available	No information available
Kinematic viscosity:	No information available	No information available
Solubility:	No information available	No information available
Partition coefficient noctanol/water (log value)	No information available	No information available
Vapour pressure:	No information available	No information available
Density and/or relative d	ensity: No information available	No information available
Relative vapour density:	No information available	No information available
Particle characteristics:	No information available	No information available
Other information		

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 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

	oxicological informati ation on hazard classes		n Regulation	ı (FC) No 1272/	2008		
	oxicity:	us demica i	egulutio	1 (10) 110 11/1/1			
Route of exposure:	Method	Mathod Spacias		D ₅₀ /LC ₅₀ or TE _{mix}	Exposure tin	ne Results	
Oral:	No information available	_	No information - available		_	_	
Dermal:	No information available	-	No information - available		-		
Inhalation:	No information available	-	No informavailable	o information vailable		-	
Specific	c target organ toxicity -	- single expo	sure (STOT	SE):			
	Specific	effects	Target o		an	Note	
Oral:	No information av	vailable	No information available			_	
Dermal:	No information av	ailable/	No information available -				
Inhalation:	No information av	vailable	No information available -				
Aspirat	ion hazard:	No	o informatio	n available.			
Irritatio	on and corrosion						
	Exposure t	ime	Species	Evaluation	Method	Note	
Skin corrosion/irritat	ion:	-		-	-	-	
Serious eye damage/irritatio	on -	-		-	-	-	
Sensitiz	zation						
Skin sensitizatio	n: No infor	mation availa	able.				
Respiratory sens	sitization: No infor	mation availa	able.				



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Oral exposure:		Harmful if sw	allowed.				
Dermal exposure: Harmful if absorbed 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		information lable	No information available	No information available	No information available	No information available	
Subacute dermal	No information available		No information available	No information available	No information available	No information available	-
Subacute inhalation	No information available		No information available	No information available	No information available	No information available	_
Subchronic oral		information lable	No information available	No information available	No information available	No information available	-
Subchronic dermal	No avai	information lable	No information available	No information available	No information available	No information available	
Subchronic inhalation		information lable	No information available	No information available	No information available	No information available	——————————————————————————————————————
Chronic oral		information lable	No information available	No information available	No information available	No information available	—
Chronic dermal		information lable	No information available	No information available	No information available	No information available	-
Chronic inhalation		information lable	No information available	No information available	No information available	No information available	–



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Subacut	te oral	No information available			No information available	-
Subacut	te dermal	No information available			No information available	-
Subacut	te inhalation	No information available			No information available	-
Subchro	onic oral	No information available			No information available	-
Subchro	onic dermal	No information available			No information available	-
Subchro	onic inhalation	No information available			No information available	-
Chronic	oral	No information available			No information available	-
Chronic	dermal	No information available			No information available	-
Chronic	inhalation	No information available			No information available	-
	CMR effects (c	arcinogenicity; mutagenicit	y; re	productive t	oxicity)	
	Carcinogenicity:			sed on availa	ble data, the classification of	criteria are not met.
	Mutagenicity <i>in vitro</i> :			sed on availa	ble data, the classification	criteria are not met.
	Genotoxicity:			sed on availa	ble data, the classification	criteria are not met.
	Mutagenicity <i>in vivo</i> :			sed on availa	ble data, the classification	criteria are not met.
	Germ cell muta	agenicity:	Bas	sed on availa	ble data, the classification	criteria are not met.
	Reproductive t	oxicity:	Bas	sed on availa	ble data, the classification	criteria are not met.
•		*				
	Summary of properties:	evaluation of the CN	ИR	Based on met.	available data, the classific	ation criteria are no
11.2	Information or	n other hazards:				
11.2.1.	Endocrine disr	upting properties:				
	The substance/mixture does not concomponents considered to have endocted disrupting properties according to REA Article 57(f) or Commission Delegal regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.19 higher.					
11.2.2.	Other informat	tions:				
	_					

SECTION 12. Ecological information								
12.1 Toxicity								
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note		



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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 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

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	-

О:	-	-1	_			-1	_		O	
к	\sim	$\boldsymbol{\alpha}$	Δ	\mathbf{n}	\mathbf{c}	$\boldsymbol{\alpha}$	2	TΙ	\sim	n

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



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									······································			
12.3	Bioaccum	ulative p	otential									
	Octanol-w	ater par	tition coeff	icient (log Kow)						
Valu	Value Concentration pH		°C	M	ethod	Evalu	ation		Note			
-	-		-		-	-		-		-		
	Bioconcentration factor (BCF)											
V	'alue		Species		Ŋ	Method	t	Evaluati	on		Note	
	rmation	No	inform	ation	No info		on	No informati		-		
availabi	available availa		oie		availab	ie		available				
	Chronic	o to visit	.,									
	Chronic ed	.otoxicit	y	- Fran								
	Value		Dose	Exposure time		Spe	ecies	Method	Evalua	tion	Note	
				No		No		No	No			
Chronic	toxicity on	fish	LC ₅₀	information			mation	information	informat		_	
				avail	able	availa	able	available	available	9		
Chronic	toxicity on		EC ₅₀	1		No	mation	No information	No informat	tion	_	
crustac	ea (<i>Daphnia</i>)	LC50	avail		availa		available	available		_	
			i.	1		<u> </u>		<u> </u>	· ·			
12.4	Mobility in	n soil										
	Known or	predicte	ed distribut	ion in e	environm	ental o	compart	ments:				
	No inform	ation av	ailable									
	Surface te	nsion:										
	Value		°C	С	oncentra	tion		Method			Note	
	No	No		No	informa	tion	No inf	ormation				
	informatio		ormation		ilable	tion	availak		_			
	available	ava	ailable									



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,	Adsorption / desorption						
Transport	A/D coefficient Henry's constant	log Kow	Evaporation rate	Method	Note		
Soil-wate	No information available	No information available	No information available	No information available	-		
Water-air	No information available	No information available	No information available	No information available	-		
Soil-air	No information available	No information available	No information available	No information available	-		
	Results of PBT and vPvB asses						
á	The substance/mixture does raccording to REACH Article 5 Regulation (EU) 2018/605 at I	7(f) or Commission	n Delegated regulat				
12.6. I	Endocrine disrupting propert	ies					
á	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.						
12.7	Other adverse effects						
	No further relevant information	on available.					
SECTION	I 13. Disposal consideration	S					
13.1	Waste treatment methods						
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.	Waste codes/waste designa	ations according to	Law:				
	15 01 10*: Packaging that contains residual hazardous substances or is contaminated with hazardous substances						
13.1.3.	Waste treatment – relevant	information:					
	No information available						
13.1.4.	Sewage disposal – relevant	information:					
13.1.7.	Jewage disposal Televant	iiiioiiiiadoii.					



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	Waste must not be disposed	of into the sewage system.		
12.15	Oil II I			
13.1.5. Other disposal recommend				
	authorized by the ministry in	ct's remains into the sewage system. Submit the remains to the collectors charge. Do not dispose of the packaging into the sewage system. Submit ors authorized by the ministry in charge.		
13.1.6.	Relevant Community provisions:			
	Disposal must be made acco	rding to official regulations.		
SECTION	N 14 TRANSPORT INFORMAT	ION		
	Transporting/shipment by road	d (ADR)		
UN num		Not subject to transport regulations		
	er shipping name:	-		
	t hazard class(es):	-		
Packing		-		
	nentally hazardous:	-		
Special precautions for user:		-		
 	Transporting/shipment by rail	(RID)		
UN num		Not subject to transport regulations		
UN proper shipping name:		-		
	t hazard class(es):	-		
Packing	group:	-		
Environn	nentally hazardous:	-		
Special p	precautions for user:	-		
	Inland waterway transport (AD	N)		
UN num	ber:	Not subject to transport regulations		
UN prop	er shipping name:	-		
Transpor	t hazard class(es):	-		
Packing	group:	-		
Environn	nentally hazardous:	-		
Special p	precautions for user:	-		
	Transporting/shipment by sea	(IMDG)		
UN num	ber:	Not subject to transport regulations		
UN prop	er shipping name:	-		
Transpor	t hazard class(es):	-		
Packing	group:	-		



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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 (ICAO-TI/IATA-DGR)				
UN number:	Not subject to transport regulations			
UN proper shipping name:	-			
Transport hazard class(es):	-			
Packing group:	-			
Environmentally hazardous:	-			
Special precautions for user:	-			
Further information: -				

5.1 Safety, h	Safety, health and environmental regulations/legislation specific for the substance or mixture				
EU regul	ations				
Authoriz	ation and/or rest	rictions of use			
Authoriz	ations:	-			
Restriction	ons:	-			
Other EU	J regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC; Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC; Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work; Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);			



SAFETY DATA SHEET

amended by Regulation (EU) No. 2020/878

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Trading name:	FUCHSIN ACID REAGENT				
Product code:	FA-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

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

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

ANNEX: Exposure scenario resulting to chemical safety assessment	
-	



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Trading name:		ORANGE G/ANILINE BLUE REAGENT					
Product code:	ORA-OT-X**	Date of compilation:	21 Dec 2022	Version:	5		

SECTI	ON 1: Identification of	the substance	e/mixture	and of the company/undertaking	
1.1	Product identifier				
	Trading name:	ORANGE G	/ANILINE	BLUE REAGENT	
	Chemical name:	-			
	Catalogue number:	OGA-OT-X*	**		
1.2	Relevant identified use	es of the subs	tance or n	nixture and uses advised against	
	Uses:		For use	with Mallory Trichrome kit.	
	Uses advised against:		Only the	e identified uses are advised.	
	Reason why uses advis	sed against:	The product is intended for use only as an <i>in vitro</i> diagnostic gainst: device, registered at the Agency for Medicinal Products and Notes 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	st Ltd.	
	Address:		Medjugorska 59, Zagreb		
	Telephone number:		+385 1 2409997		
	Telefax.:		+385 1 2	2404039	
	e-mail of competent p	erson:	msds@b	msds@biognost.hr	
	National contact:		-		
1.4	Emergency telephone	number			
	National Protection ar	nd Rescue Dire	ectorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			-	

SECTIO	SECTION 2. Hazards identification					
2.1	Classification of the substance	Classification of the substance or mixture				
2.1.1	Classification according to Re	gulation (EC) No 1	272/2008 (CLP)			
	Hazard class and cate	gory code:	Hazard statements*:			
	Not identified as hazardous s	ubstance.	-			
2.1.2.	Additional information					
	-					
*For fu	ll text of Hazard- and EU Hazard	d-statements: see S	ECTION 16			
2.2	Label elements					
	Product identification:	ORANGE G/ANI	LINE BLUE REAGENT			
	Identification number:	-				
	Authorization number:	-				
	Hazard pictograms:	-				



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Trading name:	ORANGE G/ANILINE BLUE REAGENT				
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	Signal word:	-
	Hazard statements:	-
	Precautionary statements:	-
	Supplemetal hazard information (EU):	-
2.3	Other hazards	
	Endocrine Disrupting Propert	ies:
	No known endocrine disrupting	g properties
	Results of PBT and vPvB asse PBT or a vPvB.	ssment: According to the results of its assessment, this substance is not a

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)	
28631-66-5/ 249-113-9 -	-	≤ 5 %	Disodium hydrogen aminomethyl[[4- [(sulphonatophenyl)amino]phenyl][4- [(sulphonatophenyl)imino]cyclohexa- 2,5-dien-1- ylidene]methyl]benzenesulphonate	Skin Irr. 2; H315 Eye Irr. 2; H319 STOT SE 3; H335	

SECT	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:	-



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Trading name:		ORANGE G/ANILINE BLUE REAGENT					
Product code:	ORA-OT-X**	Date of compilation:	21 Dec 2022	Version:	5		

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

SECTIO	SECTION 5. Firefighting measures					
5.1	Extinguishing media	Extinguishing media				
	Suitable extinguishing media: wa	ater spray, dry powder, CO ₂ or alcohol resistant foam				
	Unsuitable extinguishing media: Wa	ater with full jet				
5.2	Special hazards arising from the substance or mixture					
	Hazardous combustion products: no	o information available				
5.3	Advice for firefighters					
	Use a self-contained open-circuit com	pressed air breathing apparatus and fireproof clothing.				
5.4	Additional information					
	Cool endangered receptacles with wat contaminate the environment with ext	ter spray. Collect contaminated fire fighting water separately. Do not tinguishing 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:	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 case (see Section 8).	se of inadequate ventilation use adequate airways protective equipment				
6.2	Environmental precautions:					
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.					
6.3	Methods and material for contain	inment and cleaning up				



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

SECTIO	ON 7. Handling and storage				
7.1	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:		Use in well ventilated storage rooms. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.		
	Measures to prevent aerosol and dust generatio	n:	Secure proper ventilation.		
	Measures to protect the environment:		Prevent spilling into the sewage system and waterways.		
	Other measures:		Protect against electrostatic charges.		
7.1.2.	Advice on general occupational hygiene:				
	Do not eat, drink or smoke in the workspace. The	oroughly was	sh hands after work and before eating.		
7.2	Conditions for safe storage, including any incom	patibilities			
	Technical measures and storage conditions:	well ventil	ghtly closed and upright set containers in a ated storage rooms at temperatures ranging 25 °C. Protect from heat and direct sunlight.		
	Packaging materials:	Manufactu	ırer's original packaging.		
	Requirements for storage rooms and vessels:	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.			



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

SECTION 8. Ex	posui	e contro	ols/perso	nal pi	rotectio	on				
		ameters								
Substa	ance		CA	S No	(exposure limit term values	В	iological limit values
Substance					рр	m	mg/m³		3	
-			-		_	-	-	-		
							'			
Substance nam	ne:	-								
EC No:		-	CAS No	:	-					
DNEL										
						Indu	strial			
Route of		Acu	ıte		Acute			Chronic		Chronic
exposure:		effect	local	effe	effect systemic		effect local			effect systemic
Oral	-	•		-			-		-	
Inhalation		-		-			-		-	
Dermal	-			-			-		-	
Critical physica	l para	meters: s	solubility,	flamm	nability,	corro	sivity:	-		
						Cons	umer			
Route of		Ad	cute		Acute			Chronic		Chronic
exposure:		effec	t local	effe	ect syste	emic	c effect local			effect systemic
Oral		-		-			-		-	
Inhalation		-		-			-		-	
Dermal		-		-			-		-	
PNEC										
Environmental	prote	ction tar	get			Р	NEC			
Fresh water						n	o inform	ation available		
Freshwater sed	iment	S				ne	no information available			
Marine water						n	no information available			
Marine sedime	nts					ne	o inform	ation available		



Food chain

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no information available

Microorga	Microorganisms in sewage treatment		no information available		
Soil (agric	:ultural)		no information available		
Air			no information available		
8.2	Exposure controls				
8.2.1.	Appropriate engineering controls				
0.2.1.	Appropriate engineering controls		Heatha product in well ventilated rooms. Heaparconal		
	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 prevent exposure:		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	t			
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 the entire face in case of higher levels of concentration in air.			
8.2.2.2.	Skin protection				
		The protective gloves have to satisfy the specification of Regulation (EU) 2016/425 and the related standard EN 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 the entire foot. In case of spilling hazard, use clothing made impermeable material suitable for protection from lique (Viton, PVC, himex) and footwear made from the same			
	Other skin protection:				
8.2.2.3.	Respiratory protection:	Protective full face mask (EN 136) or half mask (EN 140) equipped with a filter for organic vapors, type "A" (boiling point >65°C) acording to EN 14387) used when concentration levels exceed GV			
8.2.2.4.	Thermal hazards:	No info	ormation available		
8.2.3.	Environmental exposure controls				
	Substance/mixture related measures to prevent exposure:	See Se	ction 6		



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

Information on basic pl	nysical and o	chemical properties	
		Value	Method
Physical state:		liquid	No information available
Colour:		purple brown	No information available
Odour/odour threshold	l:	characteristic/no information available	No information available
Melting point / freezing	g point:	No information available	No information available
Boiling point or initial be point and boiling range	_	No information available	No information available
Flammability:		No information available	No information available
Lover and upper explosion limit:	sion limit:	No information available	No information available
Flash point:		No information available	No information available
Auto-ignition temperat	ure:	No information available	No information available
Decomposition temper	ature:	No information available	No information available
рН:		No information available	No information available
Kinematic viscosity:		No information available	No information available
Solubility:		No information available	No information available
Partition coefficient noctanol/water (log valu	e):	No information available	No information available
Vapour pressure:		No information available	No information available
Density and/or relative	density:	No information available	No information available
Relative vapour density	•	No information available	No information available
Particle characteristics:		No information available	No information available
Other information			

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 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. To	xicological informati	on					
11.1 Informa	tion on hazard classes	as defined in	n Regulatio	n (EC) No 1272/20	800		
Acute to	oxicity:		,				
Route of exposure:	Method	Species		e Dose LD ₅₀ /LC ₅₀ r ATE _{mixture}	Exposure	e time	Results
Oral:	No information available	-	No infor	mation available	_		-
Dermal:	No information available	_	No infor	mation available	-		_
Inhalation:	No information available	_	No infor	mation available	-		_
Specific	target organ toxicity -	- single expos	sure (STOT	SE):			
	Specific	effects		Target organ			Note
Oral:	No information av	/ailable	No	No information available			
Dermal:	No information av	/ailable	No	No information available			
Inhalation:	No information av	/ailable	No information available -				
Aspirati	on hazard:	No	o informatio	on available.			
Irritatio	n and corrosion						
	Exposure t	ime	Species	Evaluation	Method		Note
Skin corrosion/irritati	on:	-		-	–	-	
Serious eye damage/irritatio	- n	-		-	-	-	
Sensitiz	ation						
Skin sensitization	n: No infor	mation availa	ble.				
Respiratory sens		mation availa					



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	ms related to the p	hysical, chemic	al and toxicolog	gical characterist	ics				
Oral exposure:	No informa	No information available.							
Dermal exposure	e: No informa	lo information available.							
Inhalation expos	ure: No informa	tion available.							
Eye exposure:	No informa	tion available.							
	·								
Repeate	ed dose toxicity (su	bacute, subchro	onic, chronic)						
	Dose	Exposure time	Species	Method	Evaluation	Note			
Subacute oral	No information available	No information available	No information available	No information available	No information available	_			
Subacute dermal	No information available	No information available	No information available	No information available	No information available	-			
Subacute inhalation	No information available	No information available	No information available	No information available	No information available	–			
Subchronic oral	No information available	No information available	No information available	No information available	No information available	_			
Subchronic dermal	No information available	No information available	No information available	No information available	No information available	-			
Subchronic inhalation	No information available	No information available	No information available	No information available	No information available				
Chronic oral	No information available	No information available	No information available	No information available	No information available	-			
Chronic dermal	No information available	No information available	No information available	No information available	No information available	-			
Chronic inhalation	No information available	No information available	No information available	No information available	No information available	_			



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Trading name:		<u> </u>			
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Subacute oral				No information available	-			
Subacute dermal	No information available			No information available	-			
Subacute inhalation	ute inhalation No information available			No information available	-			
Subchronic oral	No information available			No information available	-			
Subchronic dermal	No information available			No information available	-			
Subchronic inhalation	No information available			No information available	-			
Chronic oral	No information available			No information available	-			
Chronic dermal	No information available			No information available	-			
Chronic inhalation	No information available			No information available	-			
CMR effects (c	carcinogenicity; mutagenicit	y; re	productive t	oxicity)				
Carcinogenici	ty:	Bas	ed on availa	ble data, the classification	criteria are not met.			
Mutagenicity	in vitro:	Bas	ed on availa	ble data, the classification	criteria are not met.			
Genotoxicity:		Based on available data, the classification criteria are not met.						
Mutagenicity	Mutagenicity in vivo:			Based on available data, the classification criteria are not met.				
Germ cell mut	Germ cell mutagenicity:			Based on available data, the classification criteria are not met.				
Reproductive	toxicity:	Based on available data, the classification criteria are not met.						
Summary of properties:	evaluation of the CN	MR	Based on met.	available data, the classific	ation criteria are not			
11.2 Information o	n other hazards:							
11.2.1. Endocrine disi	rupting properties:							
The substance components of disrupting properties of the substance of the	ce/mixture does not cont considered to have endocr operties according to REA or Commission Delegat J) 2017/2100 or Commiss J) 2018/605 at levels of 0.1%	ine CH ted ion						
11.2.2. Other informa	itions:							
<u>_</u>								

SECTION 12. Ecological information							
12.1 Toxicity							
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note	



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Trading name:	ORANGE G/ANILINE BLUE REAGENT					
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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 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	-
	_	_	_	_	_	_

12.2	Persistence and degradability

Abiotic degradation

	Degradation half-lives	Method	Evaluation	Note
Marine water	No information available	No information available	No information available	-
Fresh water	No information available	No information available	No information available	-
Air	No information available	No information available	No information available	-
Soil	No information available	No information available	No information available	-

_					
R	$i \cap A$	ea	rad	1	inn
D	IOU	cu	ıau	аи	UI

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



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	1											
12.3	Bioaccum	ulative p	otential									
	Octanol-w	ater pa	rtition coeff	icient (log Kow)						
Valu	e Co	ncentra	tion p	Н	°C	M	ethod	Evalu	ation		Note	
-	-		-		-	-		-		-		
	Bioconcen	tration	factor (BCF)	1	1			i				
V	'alue		Species		N	Method	b	Evaluati	on		Note	
	rmation	No	inform	ation	No info		on	No informati	on	_		
availabl	e	availal	Die		availab	ie		available				
	Chronic ed	cotovicit	7/									
	Cilionic ec	JOLOXICI	-y	Evr	Exposure							
	Value		Dose		ime	Spe	ecies	Method	Evalua	ation	Note	
				No		No		No	No			
Chronic	toxicity on	fish	LC ₅₀		mation		mation	information	informa		-	
				avail	able	availa	able	available	availabl	е		
	toxicity on		EC ₅₀	No infor	mation	No infor	mation	No information	No informa	tion	_	
crustace	ea (<i>Daphnia</i>)		avail		availa		available	availabl			
12.4	Mobility in	n soil										
	Known or	predicte	ed distribut	on in e	environm	nental d	compart	ments:				
	No inform	ation av	/ailable									
	Surface te	nsion:										
	Value		°C	С	oncentra	ition	-	Method			Note	
	No	No		No	informa	tion	No inf	ormation				
	informatio		ormation ailable		ailable		availab		-			
	available	av	anabic									
	I	<u> </u>					<u> </u>					



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	Adsorption / desorption A/D coefficient								
Transport Henry's constant log Kow Evaporation ra				Method	Note				
Soil-water No information available No information available No information available No information available									
Water-ai	r No information available	No information available	No information available	No information available	-				
Soil-air	No information available	No information available	No information available	No information available	-				
12.5	Results of PBT and vPvB asses	ccmont							
			anants considered to be	vo andossino dis	runting properties				
	The substance/mixture does according to REACH Article 5	•							
	Regulation (EU) 2018/605 at I		5	(LO) 2017/21001	or Commission				
			.9.101.						
12.6.	Endocrine disrupting properti	es							
	The substance/mixture does i	not contain compo	onents considered to ha	ve endocrine dis	srupting properties				
		ding to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission							
	Regulation (EU) 2018/605 at I	evels of 0.1% or h	igher.						
12.7	Other advance officials								
	Other adverse effects								
	No further relevant information	on available.							
SECTION	N 13. Disposal consideration	S							
13.1	Waste treatment methods								
13.1.1.	Product/Packaging disposa	l:							
	Submit for disposal to the learning Protection.	egal person autho	rized by the Ministry of	Environmental a	and Nature				
	1								
13.1.2.	Waste codes/waste designa	tions according to	Law:						
	15 01 10*: Packaging that c substances	ontains residual h	azardous substances or	is contaminated	with hazardous				
13.1.3.	Waste treatment – relevant	information:							



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Trading name:		ORANGE G/ANILINE B	LUE REAGENT		
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	No information available				
13.1.4.	Sewage disposal – relevant in	formation:			
	Waste must not be disposed of into the sewage system.				
13.1.5.	Other disposal recommendati	ions:			
	authorized by the ministry in	t's remains into the sewage system. Submit the remains to the collectors charge. Do not dispose of the packaging into the sewage system. Submit rs authorized by the ministry in charge.			
13.1.6.	Relevant Community provisio	ns:			
	Disposal must be made accor	ding to official regulations.			
SECTION	14. Transport information				
-	Transporting/shipment by road	(ADR)			
UN numb	per:	Not subject to transport regulations			
UN prope	er shipping name:	-			
Transport	t hazard class(es):	-			
Packing o	group:	-			
Environm	entally hazardous:	-			
Special p	recautions for user:	-			
-	Transporting/shipment by rail (l	RID)			
UN numb	oer:	Not subject to transport regulations			
UN prope	er shipping name:	-			
Transport	t hazard class(es):	-			
Packing o	group:	-			
Environm	entally hazardous:	-			
Special p	recautions for user:	-			
I	Inland waterway transport (ADN	N)			
UN numb	oer:	Not subject to transport regulations			
UN proper shipping name:		-			
Transport hazard class(es):		-			
Packing group:		-			
Environmentally hazardous:		-			
Special p	recautions for user:	-			
-	Transporting/shipment by sea (IMDG)			
UN number:		Not subject to transport regulations			



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

SECTI	ON 15. Regulatory informa	ation			
15.1	Safety, health and enviror	nmental regulations/legislation specific for the substance or mixture			
	EU regulations	EU regulations			
	Authorization and/or rest	rictions of use			
	Authorizations:	-			
	Restrictions:	-			
	Other EU regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC; Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC; Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work; Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);			



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	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)			
	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act		
15.2 Chemical safety assessment		nt		
	None			

SECTIO	ON 16. Other information	
16.1	Indication of changes:	-
16.2	Abbreviations and acronyms	ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (UK REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative
16.3.	Key literature references and source of data:	-
16.4.	Classification and procedure 1272/2008 (CLP)	used to derive the classification for mixture according to Regulation (EC)
Classif	ication	Classification procedure
-		-
16.5.	Relevant H statements (num	ber and full text)
	H: 315 319 335	Causes skin irritation Causes serious eye irritation. May cause respiratory irritation.
16.6.	Training advice:	-
16.7.	Further information:	** "X" in the product code marks different volumes (different packagings of the product) We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.



SAFETY DATA SHEET

amended by Regulation (EU) No. 2020/878

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Trading name:	ORANGE G/ANILINE BLUE REAGENT				
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ANNEX: Exposure scenario resulting to chemical safety assessment				
-				



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Trading name:	PHOSPHOMOLYBDIC ACID, 1% SOLUTION				
Product code:	FMK1-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

SECTI	ION 1 IDENTIFICATION	OF THE SU	BSTANCE/MIX	CTURE AND OF THE COMPANY/UNDERTAKING		
1.1.	Product identifier					
	Trading name:	PHOSPHO	OMOLYBDIC A	CID, 1% SOLUTION		
	Chemical name:	-				
	Catalogue number:	FMK1-OT	FMK1-OT-X**			
1.2.	Relevant identified uses of the substance or mixture and uses advised against		ture and uses advised against			
	Uses:		For use wit	th special staining kits.		
	Uses advised against:		Only the ic	lentified uses are advised.		
	Reason why uses advised against:		The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes			
1.3.	Details of the supplier	of the safet	y data sheet			
	Supplier:		BioGnost Ltd.			
	Address:		Medjugorska 59, Zagreb +385 1 2409997			
	Telephone number:					
	Fax no.:		+385 1 2404039			
	e-mail of competent p	erson:	msds@biognost.hr			
	National contact:	ntact: -				
			Emergency telephone number			
1.4.	Emergency telephone	number				
1.4.	Emergency telephone National Protection as		irectorate:	112		
1.4.	5 , ,		irectorate:	112 +385 1 2348 342		

SECTIO	ON 2 HAZARDS INFORMATION		
2.1.	Classification of the substance or mixture		
2.1.1.	Classification (REGULATION (EC) No. 1272/2008 (CLP)		
	Hazard class and category	code:	Hazard statements*:
	Not identified as hazardous substa	ance.	-
2.1.2.	Additional information		
	-		
*For fu	ll text of Hazard- and EU Hazard-sta	tements: see S	ection 16
2.2.	Classification according to EC Directive Nr. 1272/2008 CLP)		
	Product identification:	PHOSPHOM	DLYBDIC ACID, 1% SOLUTION
	Identification number:	-	
	Authorization no.:	-	
	Hazard pictograms:	-	



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Trading name:	PHOSPHOMOLYBDIC ACID, 1% SOLUTION			
Product code:	FMK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 4

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

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS				
CAS/ EC/ Index no.	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
_	-	-	-	-

SECTIO	ECTION 4 FIRST AID MEASURES				
4.1.	Description of first aid measur	es			
	General notes:	-			
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. If breathing becomes erratic or it stops, immediately apply artificial respiration (other than mouth-to-mouth) and contact a physician.			
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water and soap. Seek medical assistance if the symptoms of irritation remain.			
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open using clean fingers. If the symptoms remain, immediately call a physician.			
	Following ingestion:	Do not induce vomiting. Make the afflicted person drink a glass of water. If spontaneous vomiting occurs, wash the mouth with water, then make the person drink 100-200 ml of water and seek medical attention.			
	Self-protection of the first aide	er: Treat symptomatically.			
4.2.	Most important symptoms and	d effects, both acute and delayed			
	FOIIOWING INDAISTION.	Inhalation of large amounts of vapors in inadequately ventilated perimeter may cause coughing, sneezing, headache and nausea.			
	FOILOWING CAID COUTACT.	Slight irritation. After short exposure, resorption effects are not likely. Long- term exposure may cause drying, cracking and tingling sensation of skin.			



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	Following eye contact:	Direct eye contact may cause slight to moderate irritation, lacrimation and burning sensation.			
	Following ingestion:	Swallowing may cause irritation of mucosa, tingling sensation in the mouth, burning sensation; higher levels of concentration may cause nausea, abdominal pain and vomiting. In case of vomiting, aspiration causes coughing, difficult breathing. Higher levels of concentration may cause suffocation.			
4.3.	Indication of any immediate medical attention and special treatment needed				
	-				

SECTIO	CTION 5 FIREFIGHTING MEASURES					
5.1.	Extinguishing media					
	Suitable extinguishing media: Small fire - water spray, dry powder, CO ₂ Large fire - water spray or alcohol-resistant foam					
	Unsuitable extinguishing media: water jet					
5.2.	Special hazards arising from the substance or mixture					
	Hazardous combustion products: No information available					
5.3.	Advice for firefighters					
	Use a self-contained open-circuit compressed air breathing apparatus and fireproof clothing. Cool closed containers exposed to fire with water spray or vapor.					
5.4.	Additional information					
	Remove sources of heat and ignition.					
	Do not contaminate the environment with extinguishing media.					

SECTIO	ECTION 6 ACCIDENTAL RELEASE MEASURES					
6.1.	Personal precautions, protective equi	pment and emergency procedures				
6.1.1.	For non-emergency personnel					
	Protective equipment:	Use personal protective equipment (see Section 8).				
	Accident prevention methods:	Evacuate members of all non-essential personnel and those members without protective equipment. Remove all sources of sparks and ignition. Do not smoke.				
	Emergency procedures: Mark the area using proper signs.					
6.1.2.	For emergency responders:					
	Wear protective equipment (see Section 8).					
6.2.	Environmental precautions:					
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.					
6.3.	Methods and material for containment	nt and cleaning up				



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Trading name:	PHOSPHOMOLYBDIC ACID, 1% SOLUTION				
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6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.
6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using inflammable material (sand, diatomaceous earth, vermiculite). Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and and involved materials with water.
6.3.3.	Other information:	-
6.4.	Reference to other sections	
	-	

SECTIO	ON 7 HANDLING AN STORAGE					
7.1.	Precautions for safe handling					
7.1.1.	Protection measures					
	Measures to prevent fire:		away from sources of heat and ignition. Do moke.			
	Measures to prevent aerosol and dust generati	n: Secu	re proper ventilation.			
	Measures to protect the environment:		ent spilling into the sewage system and rways.			
	Other measures:	-				
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 we ventilated storage rooms, and away from sources of hea sunlight, and other incompatible substances.				
	Packaging materials:	Manufactu	urer's original packaging.			
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.				
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.				
	Further information on storage conditions:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 9).				
7.3.	Specific end use(s)					



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Recommendations:	-
Industrial sector specific solutions:	-

SECTION 8 EXPOS		TROLS/PER	SONAL	PROT	ECTION					
8.1. Control parameters Substance CAS		CASI			upational exposure limit lues/short term values		Bio	ological limit values		
					ppm mg/m³			3		
-		-			-		-	No infor	mation available	
Substance - name:										
EC No: -		CAS No:	-							
DNEL										
				Inc	dustrial					
Route of exposure:		Acute ect local	effe	Acut	_		Chronic effect local		Chronic effect systemic	
Oral	-	eet local	-	ec sys	territe	-	Circuit	, cui	-	
Inhalation			_			-	_		-	
Dermal	-		_			-			-	
Critical physical pa	rameters:	solubility, fla	ımmabilit	ty, cor	rosivity:	1	_			
		-		Co	nsumer					
Route of exposure:		Acute ect local	effe	Acut		Chronic effect local		-	Chronic effect systemic	
Oral	-		-			-			-	
Inhalation	-		-			-			-	
Dermal	-		-			-			-	
PNEC										
Environmental pro	tection tar	get			PNEC					
Fresh water				No information available						
Freshwater sediments				No information available						
Marine water				No information available						
Marine sediments				No information available						
Food chain				No information available						
Microorganisms in sewage treatment				No information available						
Soil (agricultural)				No information available						



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

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES



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Product code:	FMK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 4		

	Value	Method
Physical state:	liquid	No information available
Colour:	yellow	No information available
Odour/odour threshold:	no information available	No information available
Melting point / freezing point:	No information available	No information available
Boiling point or initial boiling point and boiling range:	No information available	No information available
Flammability:	No information available	No information available
Lover and upper explosion limit:	No information available	No information available
Flash point:	No information available	No information available
Auto-ignition temperature:	No information available	No information available
Decomposition temperature:	No information available	No information available
рН:	No information available	No information available
Kinematic viscosity:	No information available	No information available
Solubility:	No information available	No information available
Partition coefficient n-octanol/water (log value):	No information available	No information available
Vapour pressure:	No information available	No information available
Density and/or relative density:	No information available	No information available
Relative vapour density:	No information available	No information available
Particle characteristics:	No information available	No information available

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

SECTION 11 TOXICOLOGICAL INFORMATION

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



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Trading name:	PHOSPHOMOLYBDIC ACID, 1% SOLUTION					
Product code:	FMK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 4		

Acute toxic	ity:					
Route of exposure:	Method	Species	Effective dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure t	ime	Results
Oral exposure:	No information available	-	LD ₅₀	-		-
Dermal exposure:	No information available	-	LD ₅₀	-		_
Inhalation exposure:	No information available	-	LC ₅₀	_		-
Specific tar	get organ toxicity – si	ngle exposure (S	STOT SE):			
	Specifi	c effects	Target	torgan		Note
Oral exposure:	No information a	available	No informati	on available	-	
Dermal exposure:	No information a	available	No informati	on available	-	
Inhalation exposure:	No information a	available	No informati	on available	-	
.						
Respiratory	rirritation:	No infor	mation available			
•	rirritation: and corrosion	No infor	mation available			
•		No infor	Evaluation	Method		Note
•	nd corrosion			Method -		Note
Irritation ar	nd corrosion Exposure time	Species	Evaluation			Note
Irritation ar	Exposure time	Species -	Evaluation -	-		Note
Irritation ar Skin irritation: Eye irritation:	Exposure time	Species - -	Evaluation -	-		Note
Irritation ar Skin irritation: Eye irritation: Sensitizatio	Exposure time	Species - - -	Evaluation -	-		Note
Irritation ar Skin irritation: Eye irritation: Sensitizatio Dermal exposure: Inhalation exposure:	Exposure time No information availa	Species able	Evaluation			Note
Irritation ar Skin irritation: Eye irritation: Sensitizatio Dermal exposure: Inhalation exposure:	Exposure time No information availa	Species able able I, chemical and	Evaluation			Note
Irritation ar Skin irritation: Eye irritation: Sensitizatio Dermal exposure: Inhalation exposure: Symptoms Oral exposure:	Exposure time No information availance are lated to the physica	Species able able I, chemical and	Evaluation			Note
Skin irritation: Eye irritation: Sensitization Dermal exposure: Inhalation exposure: Symptoms	Exposure time No information availated to the physical No information availated No informa	Species able able l, chemical and railable	Evaluation			Note



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Trading name:	PHOSPHOMOLYBDIC ACID, 1% SOLUTION					
Product code:	FMK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 4		

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

	Specific effects	Target organ	Note
Subacute oral	No information available	No information available	-
Subacute dermal	No information available	No information available	-
Subacute inhalation	No information available	No information available	-
Subchronic oral	No information available	No information available	-
Subchronic dermal	No information available	No information available	-
Subchronic inhalation	No information available	No information available	-
Chronic oral	No information available	No information available	-
Chronic dermal	No information available	No information available	_



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Trading name:	PHOSPHOMOLYBDIC ACID, 1% SOLUTION					
Product code:	FMK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 4		

Chronic	inhalation	No informat	ion available	No information available -			
	CMR effects (carcinogenicity	, mutagenicit	y, reproductive toxicity)			
	Carcinogenic	ity:	Based or	Based on available data, the classification criteria are not met.			
	Mutagenicity	in-vitro:	Based or	available data, the classification criteria are not met.			
	Genotoxicity:		Based or	available data, the classification criteria are not met.			
	Mutagenicity	in-vivo:	Based or	available data, the classification criteria are not met.			
	Germ cell mutagenicity:			available data, the classification criteria are not met.			
Reproductive toxicity:			Based or	Based on available data, the classification criteria are not met.			
11.2	Information o	on other hazard	s:				
11.2	Information o	on other hazard	s:				
11.2.1.	Endocrine dis	rupting proper	ties:				
	contain com have endocr according to Commission 2017/2100 o	nce/mixture nponents consine disrupting REACH Articl Delegated regu r Commission 05 at levels c	properties le 57(f) or ulation (EU) Regulation				
11.2.2.	Other informa	ations:					
	_						

SECTION 12 ECOLOGICAL INFORMATION:

12.1. Toxicity

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



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Trading name:	PHOSPHOMOLYBDIC ACID, 1% SOLUTION					
Product code:	FMK1-OT-X**	Date of compilation:	21 Dec 2022	Version:	4	

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

12.2. Persistence and degradability

Abiotic degradation

	Degradation half-lives	Method	Evaluation	Note
Marine water	No information available	No information available	No information available	-
Fresh water	No information available	No information available	No information available	-
Air	No information available	No information available	No information available	-
Soil	No information available	No information available	No information available	-

D: 1		. •
RIOMO	งหาวฝา	tion
Biodec	ıı aua	uon

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

12.3. Bioaccumulative potential

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

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

Bioconcentration factor (BCF)



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Trading name:	PH	OSPHOMOLYBDIC AC	ID, 1% SOLUTION		
Product code:	FMK1-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

· ·	/alue		Species		N	/lethod		E۱	/aluatio	on		Note
	lo information No inform vailable available		ation No information available			No information available		No information available				
	Chronic	ecotox	icity									
	Value		Dose		osure ime	Spec	cies	Meth	nod	Eva	luation	Note
Chronic	c toxicity o	n fish	LC ₅₀	No infor availa	mation able	No informa availab		No informa availab		No info	ormation lle	-
	Chronic toxicity on EC ₅₀		EC ₅₀	No No information inform		No informa availab		No		ormation _		
						ental co	mpart	ments.				
		mation	ı available			ientai co	mpart	ments.				
	No infor Surface t	mation	ı available		oncentra		этрагт	Metho	od		N	ote
	Surface t	mation tension e	available n:	Co		tion		Metho		-	N	ote
	Surface t Value No informat	mation tension e	°C No information	Co	oncentra informa	tion	No inf	Metho		-	N	ote
	Surface t Value No informat available	mation tension e	°C No information	Co	oncentra informa	tion	No inf	Metho		-	N	ote
Transpo	Surface t Value No informat available Adsorpti	mation tension e iion	n available or C No information available	No ava	oncentra informa	tion	No infavailab	Metho	1	- Method	N	ote
	Surface t Value No informat available Adsorpti	mation tension e tion A/D co	n available or C No information available esorption pefficient	No ava	oncentra informa ilable og Kow	tion tion Eva	No infavailab	Metho formation ple on rate	ı	Method		
Transpo Soil-wa Water-a	Surface t Value No informat available Adsorpti ort No ava No	mation tension e tion A/D co Henry's	available "C No information available esorption pefficient s constant	No ava	oncentra informa iilable og Kow oformatio	tion tion Eva on No avai	No inf availab aporation	Methodornation on rate	No ir availa	Method nformation	on -	

12.5. Results of PBT and vPvB assessment



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rraumg	name:		PHOSPHOMOLYBDIC AC	ID, 1% SOLUTIO	N
Product	code:	FMK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 4
	according		contain components consider or Commission Delegated reg els of 0.1% or higher.		
12.6.	Endocrine	e disrupting properties			
	according		contain components consider or Commission Delegated reg els of 0.1% or higher.		
12.7.	Other adv	verse effects			
	No inform	nation available			
SECTION	I 13 DISP	OSAL CONSIDERATIO	NS		
13.1.		reatment methods	143		
13.1.1.	Product	:/Packaging disposal:			
	Submit Protecti		l person authorized by the Mir	nistry of Environme	ntal and Nature
13.1.2.	Waste c	odes/waste designatio	ns according to Law:		
	No info	rmation available			
13.1.3.	Waste t	reatment – relevant info	ormation:		
	No info	rmation available			
1214	C	diamanal valavantint			
13.1.4.	-	disposal – relevant info	f into the sewage system.		
	Traded I		· ····· une serrage system		
13.1.5.	Other d	isposal recommendatio	ons:		
	authoriz the pacl	zed by the ministry in c	's remains into the sewage syst harge. Do not dispose of the p s authorized by the ministry in	ackaging into the s	ewage system. Submit
13.1.6.	Relevan	t Community provision	s:		
	_				



SAFETY DATA SHEET

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

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Trading name:	PHOSPHOMOLYBDIC ACID, 1% SOLUTION				
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Transporting/shipment by roac	I (ADR)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by rail (RID)
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 (ADI	N)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by sea	(IMDG)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by air (l	CAO-TI/IATA-DGR)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-



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Trading name:		PHOSPHOMOLYBDIC AC	ID, 1% SOLUTION	
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Further information:	-

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

SECTION 16 Other information		
16.1.	Indication of changes:	-



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Trading name:	PHOSPHOMOLYBDIC ACID, 1% SOLUTION				
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16.2.	Abbreviations and acronyms:	ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (UK REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative			
16.3.	Key literature references and source of data:	-			
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)				
Classification		Classification procedure			
-		-			
16.5.	Relevant H statements (numb	er and full text)			
	H: -	-			
16.6.	Training advice:	-			
16.7.	Further information:	"* "X" in the product code marks different volumes (different packagings of the product) We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.			

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Exposure scenario resulting to Chemical safety assessment

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