

MARTIUS SCARLET BLUE (MSB) KIT

VERSION 4

The kit contains:

Acid alcohol Aniline Blue, solution Ferri reagent, Weigert B Hematoxylin, Weigert A Martius Yellow, solution Phosphotungstic acid, 1% solution Ponceau S, solution



Page 1 of 17

Trading name:	ACID ALCOHOL				
Product code:	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7

1.1	Product identifier				
	Trading name:	ACID ALCO	HOL		
	Chemical name:	-			
	Catalogue number:	KA-OT-X**			
1.2	Relevant identified us	es of the subs ⁻	tance or n	nixture and uses advised against	
	Uses:		Reagent method	for differentiation during regressive hematoxylin staining	
	Uses advised against:	Uses advised against:		e identified uses are advised.	
	Reason why uses advised against:		The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes.		
1.3	Details of the supplier	Details of the supplier of the safety data sheet			
	Supplier:		BioGnost Ltd.		
	Address:		Medjugorska 59, Zagreb		
	Telephone number:		+385 1 2409997		
	Telefax.:		+385 1 2404039		
	e-mail of competent p	person:	msds@biognost.hr		
	National contact:	National contact:		-	
1.4	Emergency telephone	Emergency telephone number			
	National Protection ar	nd Rescue Dire	ectorate:	112	
	Medical information:				
	Medical information:			+385 1 2348 342	

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



Page 2 of 17

Trading name:	ACID ALCOHOL				
Product code:	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7

	Hazard pictograms:	GHS02			
	Signal word:	Danger			
	Hazard statements:	H225 Highly flammable liquid and vapor.			
	Precautionary statements:	 P210 Keep away from heat, hot sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P280 Wear protective gloves/protective clothing/eye/protection/face protection. 			
	Supplemetal hazard information (EU):	-			
2.3	Other hazards				
	The product has no other known specific hazards for human or environment.				
	Results of PBT and vPvB assessment: Based on available data, the product does not contain any PBT or vPvB substances.				
	Endocrine disrupting property:	Based on available data, does not contain endocrine disruptors.			

SECTION 3. Composition/information on ingredients					
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)	
64-17-5/ 200-578-6/ 603-002-00-5	01-2119457610-43- 0147	70 - 90 %	ethanol	Flam. Liq. 2; H225	
7647-01-0/ 231-595-7/ 017-002-00-2	-	< 1 %	hydrochloric acid, 37%	Skin Corr. 1B; H314 STOT SE 3; H335	

SECTI	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:	Take the victim into fresh air, loosen his clothes and place him in a comfortable position. If breathing difficulty occurs, administer artificial respiration. In case of complaints call a physician.		



Page 3 of 17

Trading name:	ACID ALCOHOL				
Product code:	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7

Following skin contact:	Remove the contaminated clothes. Wash the skin surface under plenty of running water. Seek medical assistance if the symptoms of irritation remain.		
Following eye contact:	In case of contact with eyes flush with water holding eyelids apart and moving the eyeballs (for at least 10 minutes). If the symptoms remain, immediately call in ophthalmologist.		
Following ingestion:	Place the victim in a comfortable position. Rinse the mouth with clean water. If the victim is conscious induce vomiting.Do not give the victim anything orally, and do not induce vomiting if the victim is unconscious or suffers from convulsions.		
Self-protection of the first aider:	-		
Most important symptoms and effects, both acute and delayed			
Following inhalation:	Inhalation of larger quantities may affect the central nervous system.		
Following skin contact:	Prolonged or repeated dermal contact may cause the defatting and dryness of the skin.		
Following eye contact:	May irritate the eyes.		
Following ingestion:	Ingestion of larger quantities may affect the central nervous system.		
-	cal attention and special treatment needed ne body, obtain medical treatment (gastric lavage, activated carbon).		
	Following eye contact: Following ingestion: Self-protection of the first aider: Most important symptoms and ef Following inhalation: Following skin contact: Following eye contact: Following ingestion: Indication of any immediate medi		

SECTI	ECTION 5. Firefighting measures				
5.1	Extinguishing media				
	Suitable extinguishing media:	Extinguishing powder, alcohol-resistant foam, water, carbon-dioxide.			
	Unsuitable extinguishing media:	Water with full jet.			
5.2	Special hazards arising from the su	ubstance or mixture			
	Hazardous combustion products:	Highly flammable liquid and vapour. In case of fire, smoke, and other combustion products (carbon monoxide, carbon dioxide) may be formed, the inhalation of such combustion products can have serious adverse effects on health. Vapours may form an explosive mix with air. Vapours may be ignited by open flames, sparks, electrical equipment, or static charge. Vapours may travel to great distances, ignite in contact with ignition sources and flash back to the primer source (container). Vapours of ethyl alcohol mix greatly with air and may form an explosive mixture. Air containing 3.3 – 19 % ethyl alcohol vapours may explode in contact with ignition sources. Diluting the mixture with large amounts of water results in the loss of its flammability (around 10 % concentration of ethyl alcohol).			
5.3	Advice for firefighters				
	Wear full protective clothing and s water spray. Use water spray to dis	elf-contained breathing apparatus. Cool the fire affected containers with ssipate alcohol vapours.			



Page 4 of 17

Trading name:	ACID ALCOHOL					
Product code:	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7	

 5.4
 Additional information

SECTIO	ON 6. Accidental release meas	ures		
6.1	Personal precautions, protecti	ive equipment and emergency procedures		
6.1.1.	For non-emergency personne	,I		
	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.		
	Emergency procedures:	Mark the area using proper signs.		
6.1.2.	For emergency responders:			
	ventilation. Vapours may accu	and clothing and inhaling gases, vapours and aerosols. Ensure adequate imulate at floor level in low and confined spaces. Remove all heat, ignition achines. Ignition spark arrestor must not be operated in the danger area. Use f the risk of slipping.		
6.2	Environmental precautions:			
	Dispose of the spillage and the resulting waste according to the applicable environmental re not allow the product and the resulting waste to enter sewers/soil/surface or ground wat respective authorities in accordance with local law in the case of environmental pollution in			
6.3	Methods and material for con	itainment 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:	Collect the spilled product with inert, non-combustible absorbent (e.g. sand, vermiculite, earth) then place into a suitable, closed, properly labelled chemical waste container for removal/disposal. During the collection, placement, disposal of the waste, wear appropriate individual protective equipment. Flush the remains with plenty of water. The product loses its flammability, if diluted with significant amount of water (approx. 10% solution).		
6.3.3.	Other information:	Secure proper ventilation. Do not use incompatible materials (see Section 10).		
6.4	Reference to other sections			
	See Section 7 for information	on safe handling.		
	See Section 8 for information	on personal protection equipment.		
	See Section 13 for disposal in	formation.		

SECTIO	DN 7. Handling and storage
7.1	Precautions for safe handling
7.1.1.	Protection measures



Page 5 of 17

Trading name:		ACID A	LCOHOL		
Product code: k	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7

	Measures to prevent fire:		Use in well ventilated storage rooms. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use non-sparkling tools and equipment.		
	Measures to prevent aerosol and dust generatio	n:	Ensure adequate 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				
	Technical measures and storage conditions:	Store in a well-ventilated place, protected from sun away from sources of heat and ignition, in its orig unopened and hermetically sealed packaging, a from oxidizing agents, food, feed and article consumption.			
	Packaging materials:	Manufactu	ırer's original packaging.		
	Requirements for storage rooms and vessels:	Keep away tightly clos	ay from food and drink. Keep the containers osed.		
	Advices for storage equipment:	s for storage equipment: to chemic directly leads into ventilation.			
	Further information on storage conditions:	Do not place the unused material in the storage read and do not use empty containers for storing of chemicals. Do not store with incompatible materials Section 10).			
7.3	Specific end use(s)				
	Recommendations:	-			
	Industrial sector specific solutions:	-			

SECTION 8. Exposure controls/personal protection					
8.1 Control parameters					
CAS No		•	Biological limit values		
	ppm	mg/m ³			
64-17-5	1000/-	1900/-	-		
7647-01-0	5/10 8/15		-		
	CAS No 64-17-5	CAS No 64-17-5	CAS No CAS		



Page 6 of 17

-										rage o or ri	
Trading na	ime:	ACID ALCOHOL									
Product co	ode:	KA-OT-X	X **		Revisio	on date:	2	1 Dec 2022		Version:	7
	·				•					·	
Substance r	name:	-									
EC No:		-	CAS No	•	-						
DNEL											
					Inc	lustrial					
Route of		Acu	te	A	Acute		Chro	onic		Chronic	
exposure:		effect	local	effect	t systemic	:	effect	local	e	effect systemic	
Oral		-		-		-			-		
Inhalation		1900 mg (ethanol)		-		-			380 mg	/m ³ (ethanol)	
Dermal		-		-		-			343 mg	/kg (ethanol)	
Critical physical parameters: solubility, flammability, corrosivity: -											
Consumer											
Route of		Ac	ute	/	Acute		Chro	onic		Chronic	
exposure:		effec	t local	effec	t systemio	c	effect	local	e	effect systemic	
Oral		-		-		-			87 mg/	kg bw/day (eth	anol)
Inhalation		950 m (ethan		-		-			114 mg	/m ³ (ethanol)	
Dermal		-		-		-			206 mg	/kg (ethanol)	
PNEC											
Environmen	ntal prote	ction targ	get			PNEC					
Fresh water						0.96 mg/	(ethan	ol)			
Freshwater	sediment	ts				3.6 mg/k	g (ethai	nol)			
Marine wate	er					0.79 mg/	(ethan	ol)			
Marine sedi	iments					2.9 mg/k	g (ethai	nol)			
Food chain						380-720 mg/kg (ethanol)					
Microorgan	isms in s	ewage tre	eatment			580 mg/l (ethanol)					
Soil (agricul	tural)					0.63 mg/kg (ethanol)					
Air				no information available							
8.2	Exposur	e control	S								
8.2.1.	Approp	riate eng	ineering	controls	;						
	Appropriate engineering controls Substance/mixture related measures to prevent exposure during identified uses:			concentra concentra existing	ation li ation le scientifi	mit it is the evels down to	e employ o a minir ological	vith no contro ver's duty to k num achievable means, where o workers.	keep e by		



Page 7 of 17

Trading name:		ACID A	LCOHOL		
Product code:	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7

	Structural measures to prevent I 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.		
	av cc		In pursuance of work is proper foresight needed to avoid spilling onto clothes and floors and to avoid contact with eyes and skin. Use according to general application methods and with adequate ventilation.		
			Use non-sparkling ventilation system.		
			Provide appropriate personal protective equipment, safety shower and eye-wash station.		
8.2.2.	Personal protection equipment				
8.2.2.1.	Eye and face protection:	Use appropriate, chemical-proof protective glasses/face shield (EN ISO 16321-1:2022, EN 166).			
8.2.2.2.	Skin protection				
	Hand protection:	Use appropriate, chemical-resistant protective gloves			
	Other skin protection:	Use ap	propriate protective clothing.		
8.2.2.3.	Respiratory protection:	In case of normal usage and ventilation, it is not necessary. If concentration of ethyl alcohol exceeds occupational exposure limits in the air, use a self-contained breathing apparatus. For short contact and if the oxygen content of the air is greater than 18 %, use a protective gas mask with filter A (EN 14837/A1).			
8.2.2.4.	Thermal hazards:	No the	rmal hazards known.		
8.2.3.	Environmental exposure controls				
	Substance/mixture related measures to prevent exposure:	See Section 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.		
	Technical measures to prevent exposure:	See Se	ction 6		

SECT	SECTION 9. Physical and chemical properties				
9.1	Information on basic physical and chemical properties				
		Value	Method		
	Physical state:	liquid	No information available		
	Colour:	colourless	No information available		



Page 8 of 17

Trading name:		ACID A	LCOHOL		
Product code:	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7

	Odour/odour threshold:	ethanol like/no information available	No information available
	Melting point / freezing point:	No information available	No information available
	Boiling point or initial boiling point and boiling range:	No information available	No information available
	Flammability:	No information available	No information available
	Lover and upper explosion limit:	No information available	No information available
	Flash point:	21 °C	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	pH:	1.2 – 1.5 (20°C)	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
9.2	Other information		
	-		

SECTIO	ON 10. Stability and reactivity	
10.1	Reactivity:	See Section 10.5.
10.2	Chemical stability:	Stable within normal temperature and general work conditions.
10.3	Possibility of hazardous reactions:	See Section 10.5.
10.4	Conditions to avoid:	Keep away from heat, sparks, open flames, strong heating and ignition sources. No smoking.
10.5	Incompatible materials:	Strong oxidizing agents (inorganic strong acid, nitric acid, perchlorates, peroxy compounds, perchloric acid, permanganates etc.), alkali metals, alkali earth metals.
10.6	Hazardous decomposition products:	Carbon monoxide and carbon dioxide.

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



Page 9 of 17

						Page 9 of 17	
Trading name:			ACID	ALCOHOL	•		
Product code:	KA-OT-X**Revision date:21 Dec 2022				ec 2022	Version:	
Route of exposure:	Method	Species	Dose LD ₅₀ ATE		Exposure t	time Results	
Oral:	-	- rat (ethanol) LD ₅₀ -					
Dermal:	-	rabbit (ethanol) LD ₅₀ -				>20.000 mg,	
Inhalation:	-	rat (ethanol)	LC	50	4 h	>8.000 mg/	
Specific ta	rget organ tox	icity – single expos	ure (STOT SE):			
		pecific effects		Target o	rgan	Note	
Oral:	No informati	on available	No in	formation a	vailable	-	
Dermal:	No informati	on available	No in	formation a	vailable	-	
Inhalation:	No informati	on available	No in	formation a	vailable	-	
1		2					
Aspiration	hazard:	No	information	available.			
Irritation a	nd corrosion						
initation a		sure time	Species	Evaluatio	n Methoo	d Note	
Skin	LAPO		species	Lvaluatio			
corrosion/irritation:	-	-		-	-	-	
Serious eye	_	_		_	_	_	
damage/irritation							
Sensitizatio	on						
Skin sensitization:	No	information availab	ole.				
Respiratory sensitiz	ation: No	information availab	ole.				
Symptoms		physical, chemical		-			
Oral exposure:	unconscio	U .	l poisoning. li	n case of swa	allowing great	runkenness, euphoria t quantities, nausea anc o liver cirrhosis.	
Dermal eve equire	After pro cracking c	5	ed exposure	symptoms	may include	: defatting, dryness a	
Dermai exposure.					haria and mil		
Dermal exposure: Inhalation exposure	e: Inhalation membran	of great quantities es.	may cause di	izziness, eup		ld irritation of the muco	



Page 10 of 17

Trading name:	ACID ALCOHOL						
Product code:	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7		

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

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



Page 11 of 17

Trading name:	ACID ALCOHOL							
Product code:	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7			

Chronic	: inhalation	No information av	ailable		No information available	-		
	CMR effects (carcinogenicity; muta	aenicitv: re	eproductive t	oxicity)			
	Carcinogenici				ble data, the classification c	riteria are not met.		
	Mutagenicity		Bas	sed on availa	ble data, the classification c	riteria are not met.		
	Genotoxicity:		Bas	sed on availa	ble data, the classification c	riteria are not met.		
	Mutagenicity	in vivo:	Bas	sed on availa	ble data, the classification c	riteria are not met.		
	Germ cell mu	tagenicity:	Bas	sed on availa	ble data, the classification c	riteria are not met.		
	Reproductive	toxicity:	Bas	Based on available data, the classification criteria are not met.				
	Summary of properties:	f evaluation of tl	ne CMR	Based on a met.	available data, the classifica	ation criteria are not		
11.2	Information o	on other hazards:						
11.2.1.	Endocrine dis	rupting properties:						
	Based on ava endocrine dis	ailable data, does no ruptors.	t contain					
11.2.2.	Other informa	ations:						
	-							

SECTION 12. Ecologi	SECTION 12. Ecological information							
12.1 Toxicity								
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note		
Fish	LC ₅₀	96 hours	golden orf	No information available	8.140 mg/l /48 h (ethanol)	-		
Crustacea:	EC ₅₀	48 hours	daphnia magna	No information available	7.800 mg/l (ethanol)	-		
Algae/aquatic plants	IC ₅₀	4 days	algae	No information available	5.000 mg/l / 7d (ethanol)	-		
Other organisms	-	-	-	_	-	-		
Chronic (long-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note		



Page 12 of 17

Trading name:					ACID	ALCOHOL				
Product code:	k	(A-OT-X**		Rev	ision date:	21 Dec	2022	Ver	sion:	7
Fish	LC ₅₀ 96 hours			information ilable	No information available		formation _			
Crustacea:		EC ₅₀	C ₅₀ 48 hours		information ilable	No information available	No in availa	formation able	-	
Algae/aquatic p	e/aquatic plants IC ₅₀ 72 hours			information ilable	No information available	No in availa	formation able	-		
Other organism	S	-	-	-		-	-		-	
		and degrada	bility							
Abiotic		adation	- 16 11		4 - + l				NL-4	
Marine water		egradation h			Method formation ple	Evalua No informa available		-	Note	
Fresh water	Noi	nformation	available		ormation	No information available		-		
Air	No i	nformation	available	No inf availat	ormation ple	No information available		-		
Soil	No i	nformation	available	No inf availat	ormation ole	No information available		-		
Biodeg	radati	ion								
% Degradatio	n	Time (days)	١	Nethod	Evalua	tion	Note		
No information available		No ir available	nformation	No inf availal	ormation ole	No informa available	tion	No inforn available	nation	
12.3 Bioaccu	umula	tive potentia	al							
:		er partition o	coefficient (l	-				1		
Value	Con	centration	рН	°C	Method	Ev	aluation		Note	
Log Pow: ~ 0.32	-				-	-			oduct doe baccumula	



Page 13 of 17

Trading name:	ing name: ACID ALCOHOL					
Product code:	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7	

1	Value		Species		N	/lethod		E١	aluatio	on		Note
BCF: 0.	.66	No ava	inform ailable	information able		ation No information available		No information available		-		
	Chronic	c ecoto	kicity									
	Value		Dose	-	oosure ime	Spe	ecies	Meth	nod	Eva	luation	Note
Chroni	ic toxicity o	on fish	LC ₅₀	No infor availa	mation able	No inforn availa	nation ble	No inform availab		No infor avail	mation able	-
	ic toxicity (cea (<i>Daphi</i>		EC ₅₀	No infor availa	mation able	No inforn availa	nation ble	No inform availab		No infor avail	mation able	-
12.4	Mobility	-	licted distributi	on in e	nvironm	ontal c	ompart	monte:				
						entarc	ompuit	inents.				
	No info	•	n available				ompart	inents.				
	No info Surface	ormatio	n available				ompun	inents.				
		ormation tension	n available		oncentra			Methc	od			Note
	Surface	tension ue ntion	n available n:	C		tion		Metho			-	Note
	Surface Valu No informa	tension ue ntion	n available n: °C No information	C	oncentra informat	tion	No inf	Metho			-	Note
	Surface Valu No informa availabl	ation	n available n: °C No information	C	oncentra informat	tion	No inf	Metho			-	Note
Transp	Surface Valu No informa availabl	tion / d	n available n: °C No information available	C No ava	oncentra informat	tion	No inf availal	Metho	n 	Metho		Note
Transp Soil-wa	Surface Valu No informa availabl Adsorpt	tion / d	n available n: °C No information available esorption coefficient ry's constant information	C No ava	oncentra informat ilable og Kow	tion tion Ev	No inf availal	Metho formation ble on rate	n	Metho	ıd	
-	Surface Valu No informa availabl Adsorpt	tion / d A/D No	n available n: °C No information available esorption coefficient ry's constant information ble information	C No ava	oncentra informat ilable og Kow nformatic able	tion tion Ev on Nc avon Nc	No inf availal aporati	Metho formation on rate nation	n No ir availa	Metho nforma able nforma	nd Pation	



Page 14 of 17

Trading name:		ACID ALC	COHOL		
Product code:	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7

12.5	Results of PBT and vPvB assessment
	Based on available data, the product does not contain any PBT or vPvB substances.
12.6.	Endocrine disrupting properties
	Based on available data, does not contain endocrine disruptors.
12.7.	Other adverse effects
	Do not let the product or its residues reach sewer system, waterways and soil.
SECTIO	N 13. Disposal considerations
13.1	Waste treatment methods
13.1.1.	Product/Packaging disposal:
	Submit for disposal to the legal person authorized by the Ministry of Environmental and Nature
	Protection.
13.1.2.	Waste codes/waste designations according to Law:
	Packaging that contains residual hazardous substances or is contaminated with hazardous substances
13.1.3.	Waste treatment – relevant information:
	No information available
13.1.4.	Sewage disposal – relevant information:
	Waste must not be disposed of into the sewage system.
13.1.5.	Other disposal recommendations:
	Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors
	authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge. Unused product residues may be
	burnt.
13.1.6.	Relevant Community provisions:
	Disposal must be made according to official regulations.
SECTIO	N 14 TRANSPORT INFORMATION
	Transporting/shipment by road (ADR)
UN num	
UN pror	per shipping name: Ethanol solution
L I	



Page 15 of 17

Trading name:	ACID ALCOHOL				
Product code:	KA-OT-X**		Revision date:	21 Dec 2022	Version: 7
			3	1	
Transport hazard cl	ass(es):	3			
Packing group:		II			
Environmentally ha	zardous:	-			
Special precautions	for user:	-			
Transporti	ng/shipment by rail (RI	D)			
UN number:		117	70		
UN proper shipping	g name:	Eth	anol solution		
Transport hazard cl	ass(es):	3			
Packing group:		II			
Environmentally ha	zardous:	-			
Special precautions	for user:	-			
Inland wat	erway transport (ADN)				
UN number:		117	0		
UN proper shipping	g name:	Eth	anol solution		
Transport hazard cl	ass(es):	3			
Packing group:		П			
Environmentally ha	zardous:	-			
Special precautions	for user:	-			
Transporti	ng/shipment by sea (IN	/DG)		
UN number:		117	0		
UN proper shipping	g name:	Eth	anol solution		
Transport hazard cl	ass(es):	3			
Packing group:		П			
Environmentally ha	zardous:	-			
Special precautions	for user:	-			
Transport in bulk a of MARPOL 73/78 a	according to Annex II and the IBC code:	-			
Transporti	ng/shipment by air (ICA	40-1	I/IATA-DGR)		
UN number:		117	0		
UN proper shipping	g name:	Eth	anol solution		
Transport hazard cl	ass(es):	3			
Packing group:		П			
Environmentally ha	zardous:	-			
Special precautions	for user:	-			
Further information	ı: -				



Page 16 of 17

Trading name:	ACID ALCOHOL					
Product code:	KA-OT-X**	Revision date:	21 Dec 2022	Version:	7	

15.1	Safety, health and enviror	nmental regulations/legislation specific for the substance or mixture
	EU regulations	
	Authorization and/or rest	rictions of use
	Authorizations:	-
	Restrictions:	-
	Other EU regulations:	 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/92 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 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 10 December 2008 on classification, labelling and packaging of substances and mixtures amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);
	Information according 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	nt
	None	

SECTION 16. Other information				
16.1	Indication of changes:	-		



Page 17 of 17

Tradin	ng name:		ACI	D ALCOHOL	Page 17 Of 17			
Produ	ict code:	KA-OT-X**	Revision date	: 21 Dec 2022	Version:	7		
16.2	Abbreviations and acronyms:		ADR: Accord relatif au transport international des marchandises dangereuses paroute (European Agreement Concerning the International Carriage of Dangerou 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 litera source of	ture references and data:	-					
16.4.	Classificat 1272/200	-	used to derive the classif	cation for mixture accordi	ing to Regulation (EC)		
Classifi	ication		Classification procedure					
_			-					
16.5.	Relevant	H statements (numb	er and full text)					
	H: 2	225	Highly flammable liquid	and vapour.				
		314	Causes severe skin burn	s and eye damage.				
	3	335	May cause respiratory in	ritation.				
16.6.	Training a	advice:	-					
16.7.	Further in	formation:	the product) We are not responsible	de marks different volume for consequences in case on proper use of the produce et.	of failure to comply w			

ANNEX: Exposure scenario resulting to chemical safety assessment



Page 1 of 16

Trading name:	ANILINE BLUE, SOLUTION				
Product code:	ABO-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

1.1.	Product identifier	Product identifier				
	Trading name:	ANILINE I	BLUE, SOLUTI	ON		
	Chemical name:	-				
	Catalogue number:	ABO-OT-	X**			
1.2.	Relevant identified use	s of the sul	bstance or mi	xture and uses advised against		
	Uses:		For used with	h Martius Scarlet Blue kit.		
	Uses advised against:		Only the ider	ntified uses are advised.		
	Reason why uses advised against:		The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes			
1.3.	Details of the supplier of the safety data sheet					
	Supplier:		BioGnost Ltd.			
	Address:		Medjugorska 59, Zagreb			
	Telephone number:		+385 1 2409997			
	Fax no.:		+385 1 2404039			
	e-mail of competent p	erson:	msds@biognost.hr			
	National contact:		-			
1.4.	Emergency telephone	Emergency telephone number				
	National Protection an	d Rescue D	irectorate:	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 Regula	tion (EC) No 12	272/2008 (CLP)			
	Hazard class and category	code:	Hazard statements*:			
	Not identified as hazardous subst	ance.	-			
2.1.2.	Additional information					
	-					
*For ful	l text of Hazard- and EU Hazard-sta	itements: see Se	Section 16			
2.2.	Label elements					
	Product identification:	ANILINE BLUE	E, SOLUTION			
	Identification number: -					
	Authorization no.: -					
	Hazard pictograms:	-				



Page 2 of 16

Trading name:	ANILINE BLUE, SOLUTION					
Product code:	ABO-OT-X**	Date of compilation:	21 Dec 2022	Version: 2		

	Signal word:	-		
	Hazard statements:	-		
	Precautionary statements:	-		
	Further information:	-		
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 is not a PBT or a vPvB.			

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

SECTI	ΓΙΟΝ 4. First aid measures					
4.1.	Description of first aid mea	asures				
	General notes:		-			
	Following inhalation:		No information available			
	Following skin contact:		No information available			
	Following eye contact:		No information available			
	Following ingestion:		No information available			
	Self-protection of the first	aider:	Treat symptomatically.			
4.2.	Most important symptoms	and eff	fects, both acute and delayed			
	Following inhalation:	No	information available			
	Following skin contact:	No	information available			
	Following eye contact:	No	information available			
	Following ingestion:	No	No information available			
4.3.	Indication of any immediat	te medi	cal 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		



Page 3 of 16

Trading name:	ANILINE BLUE, SOLUTION				
Product code:	ABO-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

	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.

SECTIC	ON 6. Accidental release meas	ures			
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	5:	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 cor	ntainmen	t and cleaning up		
6.3.1.	Bunding, covering of drains; capping procedures:	Sand o	r 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				
	See Section 7 for information See Section 8 for information See Section 13 for informatio	about p	ersonal protective equipment.		



Page 4 of 16

Trading name:	ANILINE BLUE, SOLUTION				
Product code:	ABO-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

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

SECTIO	SECTION 8. Exposure controls/personal protection						
8.1.	Control parameters						
Substance		CAS No		exposure limit t term values	Biological limit values		
			ppm	mg/m ³			
-		-	-	-	No information available		
			·				
Substar	nce _						
name:							



Page 5 of 16

Trading na	rading name: ANILINE BLUE, SOLUTION									
Product co	ode: A	ABO-OT-X**			Date o	f compilat	ion:	21 Dec 2022	Version: 2	
					1			1		
EC No:	-		CAS No:	-						
DNEL										
					Ind	lustrial				
Route of		Ad	cute		Acute	e		Chronic	Chronic	
exposure:		effec	ct local	e	effect syst	temic		effect local	effect systemic	
Oral		-		-			-		-	
Inhalation		-		-			-		-	
Dermal		-		-			-		-	
Critical phy	sical parar	neters: sc	olubility, fla	mmal	oility, cor	rosivity:	-	-		
					Сог	nsumer				
Route of			cute		Acute	-		Chronic	Chronic	
exposure:		effec	t local	e	effect syst	temic		effect local	effect systemic	
Oral		-		-			-		-	
Inhalation		-		-			-		-	
Dermal		-		-			-		-	
PNEC										
Environmer	•	tion targ	et		PNEC					
Fresh water					No information available					
Freshwater	sediments	5			No information available					
Marine wat						No inform	nation	available		
Marine sed	iments					No inform				
Food chain						No inform				
Microorgar	nisms in se	wage trea	atment			No inform	nation	available		
Soil (agricu	ltural)				No information available					
Air						No information available				
8.2.	Exposure	e controls	;							
8.2.1.	Appropr	iate engir	neering cor	ntrols						
		ce/mixtur		*0	Use the	product in	well v	ventilated rooms. U	se personal protective	
		s to preve lentified	ent exposu uses:	ге		•		drink or smoke in tl		
	Structura exposure		es to preve	ent	No information available					
	-	itional me exposure:	easures to :		Organization of work in order to reduce other worker's influence during work process.					
	-	l measure	es to preve	nt	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.					



Page 6 of 16

Trading name:	ANILINE BLUE, SOLUTION				
Product code:	ABO-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

8.2.2.	Personal protection equi	oment			
8.2.2.1.	Eye and face protection:		Safety glasses that stick to face (preventing splashing) (EN 166) or visor.		
8.2.2.2.	Skin protection				
	Hand protection:		tive gloves must be according to the EU Directive 2016/425/EEC and rd EN 374. Glove material: nitrile rubber Glove thickness: ≥0.50 mm Break through time: >480 min		
	Other skin protection:		Vear antistatic clothing made of natural fibers (such as cotton) with long leeves (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 info	ormation 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 prevent exposure:	to	Adapt the work process to the required working conditions of the workplace.		
	Technical measures to prevent exposure:		See Section 6		

SECTI	SECTION 9. Physical and chemical properties						
9.1.	Information on basic physical and che	Information on basic physical and chemical properties					
		Value	Method				
	Physical state:	liquid	No information available				
	Colour:	dark blue	No information available				
	Odour/odour threshold:	mild acetic acid like/no information available	No information available				
	Melting point / freezing point:	No information available	No information available				
	Boiling point or initial boiling point and boiling range:	No information available	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				



Page 7 of 16

Trading name:	ANILINE BLUE, SOLUTION							
Product code:	ABO-OT-X**	Date of compilation:	21 Dec 2022	Version: 2				

.2.	Other information	Other information							
	Particle characteristics:	No information available	No information available						
	Relative vapour density:	No information available	No information available						
	Density and/or relative density:	No information available	No information available						
	Vapour pressure:	No information available	No information available						
	Partition coefficient n-octanol/water (log value):	No information available	No information available						
	Solubility:	No information available	No information available						
	Kinematic viscosity:	No information available	No information available						
	pH:	2.5 -3.5	No information available						
	Decomposition temperature:	No information available	No information available						
	Auto-ignition temperature:	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.	Informatio	Information on toxicological effects									
	Acute toxic	city:									
Route of exposure:		Method	Species	Effective dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	Results					
Oral exposure:		No information available	-	LD ₅₀	-	-					
Dermal exposure:		No information available	-	LD ₅₀	-	-					
		No information available	-	LC ₅₀	-	-					
Specific target organ toxicity – single exposure (STOT SE):											



Page 8 of 16 Trading name: **ANILINE BLUE, SOLUTION** Product code: ABO-OT-X** Date of compilation: 21 Dec 2022 Version: 2 Specific effects Target organ Note No information available No information available Oral exposure: _ No information available No information available Dermal exposure: _ Inhalation exposure: No information available No information available _ Respiratory irritation: No information available Irritation and corrosion Exposure time **Species** Evaluation Method Note Skin irritation: _ _ _ _ _ _ _ _ _ Eye irritation: _ Sensitization Dermal exposure: No information available Inhalation No information available exposure: Symptoms related to the physical, chemical and toxicological characteristics Oral exposure: No information available Dermal exposure: No information available Inhalation No information available exposure: Eye exposure: No information available Repeated dose toxicity (subacute, subchronic, chronic) Exposure Species Method Evaluation Dose Note time No No No No information No information information information informatio Subacute oral available available available available n available No No No No information No information Subacute information information informatio dermal available available available available n available No No No Subacute No information No information information information informatio inhalation available available available available n available



Page 9 of 16

Trading name:	ANILINE BLUE, SOLUTION							
Product code:	ABO-OT-X**	Date of compilation:	21 Dec 2022	Version: 2				

Subchronic oral	No information available	No information available	No information available	No informatio n available	No information available	-
Subchronic dermal	No information available	No information available	No information available	No informatio n available	No information available	-
Subchronic inhalation	No information available	No information available	No information available	No informatio n available	No information available	-
Chronic oral	No information available	No information available	No information available	No informatio n available	No information available	-
Chronic dermal	No information available	No information available	No information available	No informatio n available	No information available	-
Chronic inhalation	No information available	No information available	No information available	No informatio n available	No information available	-

Specific target organ toxicity – repeated exposure (STOT RE):

	Specific effects	Target organ	Note			
Subacute oral	No information available	No information available	-			
Subacute dermal	No information available	No information available	-			
Subacute inhalation	No information available	No information available	-			
Subchronic oral	No information available	No information available	-			
Subchronic dermal	No information available	No information available	-			
Subchronic inhalation	No information available	No information available	-			
Chronic oral	No information available	No information available	-			
Chronic dermal	No information available	No information available	-			
Chronic inhalation	No information available	No information available	-			
CMR effects (c	arcinogenicity, mutagenicity, ı	eproductive toxicity)				
Carcinogenicit	v: No inform	No information available				

Carcinogenicity:	No information available
Mutagenicity in-vitro:	No information available
Genotoxicity:	No information available
Mutagenicity in-vivo:	No information available
Germ cell mutagenicity:	No information available
Reproductive toxicity:	No information available



Page 10 of 16

....

Trading name:	ANILINE BLUE, SOLUTION							
Product code:	ABO-OT-X**	Date of compilation:	21 Dec 2022	Version: 2				

	Summary of evaluation of the CMR properties: -
11.2	Information on other hazards:
11.2.1.	Endocrine disrupting properties:
	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
11.2.2.	Other informations:
	-

SECTION 12. Ecological information									
12.1. Toxicity									
Acute toxicity	cute 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	information -		-			
Microorganisms	LC ₅₀	72 hours	-	-	-	-			
Chronic 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	72 hours	No information available	n No -		-			



Page 11 of 16

Trading name	e:	ANILINE BLUE, SOLUTION								
Product code	:	ABO-OT-X*	*	Date	e of compilatio	on:	21 Dec 2	2022	Versic	on: 2
Other organisr	ns	-	-	-	-			-		-
		and degrada	bility							
Abiot	-	gradation								
Marina	D	egradation ha	It-lives		Method		Ŀ	Evaluation	on	Note
Marine water	No i	information av	ailable	No info	rmation availab	le	No inform	ation av	ailable	-
Fresh water	No i	information av	vailable	No info	rmation availab	le	No inform	ation av	vailable	-
Air	No i	information av	ailable	No info	rmation availab	le	No inform	ation av	vailable	-
Soil	No i	information av	ailable	No info	rmation availab	le	No inform	ation av	vailable	-
i										
Biode	-			***						
% Degradatio		Time (day			lethod	Evaluation		Note		
No information available		lo infor vailable	mation	n No information available		No information available		n	No information available	
	u			available		available		available		
12.3. Bioac	cumu	lative potentia	al							
Partit	ion co	pefficient: n-oo	tanol/w	vater (log K	ow):					
Value	Con	centration	рΗ	°C	Method		Evalua	tion		Note
_	No	information	-	_	No information			ation	-	
č	availa	DIE			available available					
Віосо	ncent	tration factor (BCF)							
Value		Specie	S	N	1ethod	Evaluation			Note	
No information	n		mation	No inforr	mation	No	o informatic	n	No infor	mation
available		available		available		ava	ailable		available	9
-										
Chror	nic ec	otoxicity								
I				Exposure						
Valu	e	Dos	se	time	Species	1	Method	Eva	luation	Note
Chronic toxicit	y on t	fish LC ₅₀	N	0	No	No)	No inf	ormation	-



Page 12 of 16

Trading name:			ANILINE BLUE, SOLUTION									
Produc	ct code	e: A	BO-OT-X**	Dat	e of co	of compilation: 21 Dec		2022	Versio	on: 2		
				information available	infor availa	mation able		rmation lable	available			
Chronic toxicity on crustacea (<i>Daphnia</i>)		EC ₅₀	No information available		information ir		No information available			-		
12.4.	Mobi	ility in so	oil									
	Know	/n or pre	edicted distributi	on in environr	mental	compart	ment	s:				
	No in	nformati	on available									
	Surfa	ce tensi	on:									
	V	alue	°C	Concent	ration		1	Method			Note	
	No inforr availa	mation able	No informati available	on No informati available		No information available		able	ible -			
Transpo		A/D	desorption coefficient y's constant	log Kow		Evapora	ation	rate	Method		Note	
Soil-wa	ter	No available	information	No informati available		n No information available		1	No informatio available	n -		
Water-a	air	No available	information e	No informati available		on No information available		١	No informatio available	n -		
Soil-air		No available	information e	No informati available	-	on No information available		1	No informatic available	n -		
								:		·		
12.5.			T and vPvB asses									
	accor	ding to	e/mixture does REACH Article 5 EU) 2018/605 at	7(f) or Commi	ssion D	elegatec				•		
12.6.	Endo	crine dis	srupting propert	ies								
	The s accor	ubstanc ding to	e/mixture does REACH Article 5 U) 2018/605 at l	not contain co 7(f) or Commi	ssion D	elegatec						



Page 13 of 16

Trading name:	ANILINE BLUE, SOLUTION							
Product code:	ABO-OT-X**	Date of compilation:	21 Dec 2022	Version: 2				

12.7.	Other adverse effects			
	No information available			
SECTIO	N 13. Disposal consideration	S		
13.1.	Waste treatment methods			
	÷			
13.1.1.	Product/Packaging disposa	l:		
	Submit for disposal to the le Protection.	egal person authorized by the Ministry of Environmental and Nature		
13.1.2.	Waste codes/waste designa	ations according to Law		
10.1.2.	No information available			
13.1.3.	Waste treatment – relevant	information:		
	No information available			
13.1.4.	Sewage disposal – relevant	information:		
	Waste must not be dispose	d of into the sewage system.		
13.1.5.	Other disposal recommend	ations:		
	Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge. Do not dispose of in places when ignition may occur.			
13.1.6.	Relevant Community provis	ions:		
	-			
SECTIO	N 14. Transport information			
	Transporting/shipment by roa	ad (ADR)		
UN number:		Not subject to transport regulations.		
UN proper shipping name:		-		
Transpo	rt hazard class(es):	-		
Packing		-		
	mentally hazardous:	-		
Special	precautions for user:	-		



Page 14 of 16

Trading name:	ANILINE BLUE, SOLUTION						
Product code:	ABO-OT-X**		Date of compilation:	21 Dec 2022	Version: 2		
		(515)					
	ing/shipment by rail	Ī					
UN number:		No	t subject to transport regu	ulations.			
UN proper shippin		-					
Transport hazard c	lass(es):	-					
Packing group:		-					
Environmentally ha	azardous:	-					
Special precaution	s for user:	-					
Inland wa	terway transport (AI	DN)					
UN number:		No	t subject to transport regu	ulations.			
UN proper shippin	g name:	-					
Transport hazard c	lass(es):	-					
Packing group:		-					
Environmentally ha	azardous:	-					
Special precaution	s for user:	-					
Transport	ing/shipment by sea	i (IMDG)				
UN number:		No	t subject to transport regu	ulations.			
UN proper shippin	ig name:	-					
Transport hazard c	lass(es):	-					
Packing group:		-					
Environmentally ha	azardous:	-					
Special precaution	s for user:	-					
Transport	ing/shipment by air	(ICAO-	TI/IATA-DGR)				
UN number:		Not subject to transport regulations.					
UN proper shippin	g name:	-					
Transport hazard o	lass(es):	-					
Packing group:		-					
Environmentally hazardous:		-					
Special precaution	s for user:	-					
Further information	n: -						

SECTIO	N 15. Regulatory information
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
	EU regulations
	Authorization and/or restrictions of use



Page 15 of 16

Trading name:		ANILINE BLUE, SOLUTION				
Product code:	ABO-OT-X**	Date of compilation:	21 Dec 2022	Version: 2		

	Authorizations:	-
	Restrictions:	-
	Other EU regulations:	 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC; Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 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 199 guideline)	9/13/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 assessmer	nt
	None	

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



Page 16 of 16

Trading name:			ANILINE BLUE, SOLUTION					
Produ	ct code:	ABO-OT-X**		Date of compilation: 21 Dec 2022 V		Version:	2	
16.2. Abbreviations and acronyms:			pan Da IM GH Ch EIN CA DN LC PB	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 literate source of o	ure references and data:	-					
16.4.	Classificati 1272/2008	•	used to	ed to derive the classification for mixture according to Regulation (EC)				
Classifi	ication		Classifi	lassification procedure				
-			-					
16.5.	Relevant H	l statements (num	ber and	r and full text)				
	H: -		-					
16.6.	Training a	dvice:	-					
16.7.	the 7. Further information: We ins			"X" in the product code marks different volumes (different packagings of e product) e are not responsible for consequences in case of failure to comply with tructions for use or improper use of the product described in this iterial safety data sheet.				

ANNEX:

Exposure scenario resulting to Chemical safety assessment



Page 1 of 17

Trading name:	FERRI REAGENT, WEIGERT B				
Product code:	FR-OT-X**	Revision date:	21 Dec 2022	Version:	5

SECTI	ON 1 IDENTIFICATION	OF THE SUB	STANCE/MI	XTURE AND OF THE COMPANY/UNDERTAKING			
1.1.	Product identifier	Product identifier					
	Trading name: FERR		GENT, WEIG	ERT B			
	Chemical name:	-					
	Catalogue number:	FR-OT-X**					
1.2.	Relevant identified use	es of the subs	stance or mi	xture and uses advised against			
	Uses:		For use in	special staining kits.			
	Uses advised against:		Only the i	dentified uses are advised.			
	Reason why uses advis	ed against:	 The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes 				
1.3.	Details of the supplier	of the safety	data sheet				
	Supplier:	В	BioGnost Ltd.				
	Address:	N	Medjugorska 59, Zagreb				
	Telephone number:	+	+385 1 2409997				
	Fax no.:	+	+385 1 2404039				
	e-mail of competent p	erson: <u>n</u>	msds@biognost.hr				
	National contact:	-	-				
1.4.	Emergency telephone	number					
	National Protection an	d Rescue Dir	ectorate:	112			
	Medical information:			+385 1 2348 342			
	Other information:			-			

SECTIO	SECTION 2 HAZARDS INFORMATION					
2.1.	Classification of the substance or mixture					
2.1.1.	Classification according to Regula	tion (EC) No 127	72/2008 (CLP)			
	Hazard class and category code: Hazard statements*:					
	Not identified as hazardous substance					
2.1.2.	Additional information					
	-					
*For ful	l text of Hazard- and EU Hazard-sta	tements: see Se	ction 16			
2.2.	Classification according to EC Dire	ective Nr. 1272/2	2008 CLP)			
	Product identification:	FERRI REAGEN	T, WEIGERT B			
	Identification number:	-				
	Authorization no.:	-				
	Hazard pictograms:	-				



.

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

Page 2 of 17

Trading name:	FERRI REAGENT, WEIGERT B				
Product code:	FR-OT-X**	Revision date:	21 Dec 2022	Version:	5

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

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS							
CAS/ EC/ Index no.	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)			
7782-61-8/ 616-509-1/ -	-	< 0.5%	ferric nitrate nonahydrate	Skin Irrit. 2; H315 Eye Irrit. 2; H319			
7647-01-0/ 231-595-7/ 017-002-00-2	01-2119484862- 27-xxxx	< 1%	hydrochloric acid, 37%	Skin Corr. 1B; H314 STOT SE 3; H335			

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



Page 3 of 17

Trading name:	FERRI REAGENT, WEIGERT B							
Product code:	FR-OT-X**	Revision date:	21 Dec 2022	Version:	5			

	Following inhalation:	Inhalation of large amounts of vapors in inadequately ventilated perimeter may cause coughing, sneezing, headache and nausea.
	Following skin contact:	Slight irritation. After short exposure, resorption effects are not likely. Long- term exposure may cause drying, cracking and tingling sensation of skin.
	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	e medical attention and special treatment needed
	-	

SECTIO	ON 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.	Remove sources of heat and ignition.					

SECTIO	SECTION 6 ACCIDENTAL RELEASE MEASURES					
6.1.	Personal precautions, protective ec	quipment 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 Se	ection 8).				



Page 4 of 17

Trading name:	FERRI REAGENT, WEIGERT B						
Product code:	FR-OT-X**	Revision date:	21 Dec 2022	Version:	5		

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 cor	ntainment and cleaning up					
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.					
6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using 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:	Keep away from sources of heat and ignition. Do not smoke.					
	Measures to prevent aerosol and dust generati	on: Secure proper ventilation.					
	Measures to protect the environment:	Prevent spilling into the sewage system and waterways.					
	Other measures: -						
7.1.2.	Advice on general occupational hygiene:						
	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating.						
7.2.	Conditions for safe storage, including any inco	npatibilities					
	Technical measures and storage conditions:	Keep in tightly closed and upright set containers in a well ventilated storage rooms, and away from sources of heat, sunlight, and other incompatible substances.					
	Packaging materials:	Manufacturer's original packaging.					
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.					
	Advices for storage equipment: Advices for storage equipment: The storage must be made of hard material; be resistant to chemicals. There must be no directly leads into sewage system. Secure proventilation.						



Page 5 of 17

FERRI REAGENT, WEIGERT B						
FR-OT-X** Revision date: 21 Dec 2022 Version: 5						
t	te: 21 Dec 2022 Version:					

	Further information on storage conditions:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 9).
7.3.	Specific end use(s)	
	Recommendations:	-
	Industrial sector specific solutions:	-

SECTION 8 EXPOSU	RE CON	TROLS/PER		PROTECTION				
8.1. Control para	meters							
Substance CAS No val			cupational exposure limit alues/short term values		Biological limit values			
				ppm	mg/m ³			
Hydrogen chloride	01-0	5/10	8/15		-			
Substance								
EC No: -		CAS No:	-					
DNEL								
				Industrial				
Route of	-	Acute		Acute	Chron	-	Chronic	
exposure:	effe	ect local	effe	ct systemic	effect lo	ocal	effect systemic	
Oral	-		-		-		-	
Inhalation	-		-		-		-	
Dermal	-		-		-		-	
Critical physical parar	neters: s	olubility, fla	mmabilit	y, corrosivity:	-			
				Consumer				
Route of exposure:		Acute ect local	effe	Acute ct systemic	Chronic nic effect local		Chronic effect systemic	
Oral	-		-		-		-	
Inhalation	-		-		-		-	
Dermal	-		-		-		-	
PNEC								
Environmental protection target				PNEC				
Fresh water				No infor	No information available			
Freshwater sediments	5			No infor	No information available			
Marine water				No infor	No information available			



Page 6 of 17

							<u> </u>	ge 6 of 17	
Trading I	name:			FER	RI REAG	ENT, WEIGERT	В		
Product	t code: FR-OT-X**			Revisio	n date:	21 Dec 2022	Version:	5	
Marine se	dimonte				No infor	mation available			
Food chai						mation available			
		sewage treatment				mation available			
Soil (agric		sewage treatment				mation available			
Air						mation available			
8.2.	Expos	ure controls							
8.2.1.	Engine	eering measures							
	measu	ance/mixture relate ures to prevent expo j identified uses:			•	n well ventilated r ot eat, drink or sm	•	•	
	Struct expos	ural measures to pr ure:	No information available						
	-	rganisational measures to revent exposure:			Organization of work in order to reduce other worker's influence during work process.				
	Techn expos	ical measures to pr ure:	event			orkspace ventilatio els in air below pe		ер	
8.2.2.	Persoi	nal protection equip	oment						
8.2.2.1.	Eye ar	nd face protection:		Safety g visor.	lasses tha	at stick to face (pre	eventing splashi	ng) (EN 166) or	
8.2.2.2.	Skin p	rotection							
	Hand	protection:		ard EN 374 Glove m Glove th	4. naterial: n nickness:	e according to the itrile rubber ≥0.50 mm ne: >480 min	EU Directive 20)16/425/EEC and	
	Other	skin protection:			ic clothing made of natural fibers (such as cotton) with long 3034), and shoes that cover the entire foot (EN 10335).				
8.2.2.3.	Respir	ratory protection:	filter f	or organio	Il face mask (EN 136) or half mask (EN 140) equipped with a nic vapors, type "A" (boiling point >65°C) acording to EN when concentration levels exceed GVI.				
8.2.2.4.	Therm	al hazards:	No information available						
8.2.3.	Enviro	nmental exposure	controls						
		ance/mixture relate ures to prevent expo		See Sec	ee Section 6				
	Struct expos	ural measures to pr ure:	event	Use mo	modern equipment.				
	-	nisational measures	to	Adapt t	t the work process to the required working conditions of the				

workplace.

prevent exposure:

•



Page 7 of 17

Trading name:	FERRI REAGENT, WEIGERT B							
Product code:	FR-OT-X** Revision date: 21 Dec 2022 Version: 5							
					<u>.</u>			

Technical measures to prevent exposure:

See Section 6

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

SECTIO	SECTION 10 STABILITY AND REACTIVITY								
10.1.	Reactivity:	See subsections 10.3 through 10.5.							
10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using.							
10.3.	Possibility of hazardous reactions:	With strong oxidants, sodium-hydroxide, sulfuric acid, aluminum.							
10.4.	Conditions to avoid:	Sources of heat, sparks, and ignition.							
10.5.	Incompatible materials:	Aluminum.							



Page 8 of 17

Trading name:	FERRI REAGENT, WEIGERT B							
Product code:	FR-OT-X**	Revision date:	21 Dec 2022	Version:	5			
	•							

10.6.

Hazardous decomposition products: No information available.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008										
Acute tox										
Route of exposure:	Method	Species	Effective dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure	Exposure time					
Oral exposure:	No information available	-	LD ₅₀	-		-				
Dermal exposure:	No information available	-	LD ₅₀	-		-				
Inhalation exposure:	No information available	-	LC ₅₀	-		-				
Specific t	arget organ toxicity – si	ingle exposure (S	TOT SE):							
	Specif	ic effects	Targe	t organ		Note				
Oral exposure:	No information	available	No informati	on available	-					
Dermal exposure:	No information	available	No informati	on available	-					
Inhalation exposur	e: No information	available	No informati	No information available -						
	ry irritation: and corrosion	No infor	nation available							
IIIIdioII	Exposure time	Species	Evaluation	Method		Note				
Skin irritation:	-	rabbit	-			Note				
Eye irritation:	-	rabbit	-							
	1	1	i	I						
Sensitizat	ion									
Dermal exposure:	No information avail	lable								
Inhalation exposure:	No information avail	able								
Symptom	s related to the physica	al, chemical and t	oxicological chara	acteristics						
Oral exposure:	Swallowing may c sensation; higher In case of vomitin concentration ma	ause irritation of levels of concent g, aspiration cau	mucosa, tingling ration may cause ses coughing, diff	sensation in t nausea, abdo	minal pa	ain and vomiti				



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

Page 9 of 17

Trading name:				FERRI REAGENT, WEIGERT B					
Product code:	F	R-OT-X**	R	evision date:	21 Dec 2022	Version:	5		
Dermal exposure	•			•	orption effects are sensation of skin.	not likely. Long	g-term exposure		
Inhalation exposi	ure:		-	ts of vapors in ache and nause	inadequately vent a.	ilated perimete	r may cause		
Eye exposure: Direct eye c sensation.			ontact may ca	use slight to mo	oderate irritation,	lacrimation and	lburning		
Repeate	d dos	se toxicity (sub	acute, subchi	ronic, 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	_	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	-		
Specific	targe		y – repeated pecific effects	exposure (STO	TRE): Target orga	an	Note		
Subacute oral			tion available		No information available -				



.

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

Page 10 of 17

Trading name:		FER	RI REAG	ENT, WEIGERT B	8						
Product code:	FR-OT-X**	Revisio	n date:	21 Dec 2022	Version	: 5					
Subacute dermal	No informati	on available	No	information availa	hlo	-					
Subacute inhalatio				information availa		_					
Subchronic oral	No informati			information availa		_					
Subchronic dermal				information availa		_					
Subchronic inhalat				information availa		_					
Chronic oral	No informati			information availa		_					
Chronic dermal	No informati			information availa		-					
Chronic inhalation	No informati			information availa		_					
CMR effe	cts (carcinogenicity,	mutagenicity, rep	oroductive	toxicitv)							
Carcinoge			Current studies on test animals did not indicate carcinogenic effects.								
	city <i>in-vitro</i> :			did not indicate m		5					
Genotoxic		No informatio									
Mutageni	city <i>in-vivo</i> :	Current in vi	/o tests c	lid not indicate m	utagenic ef	fects.					
Germ cell	mutagenicity:	No informatio									
Reproduc	tive toxicity:	No toxicity o organs.	No toxicity on reproductive organs was determined in reproductive organs.								
Summary	of evaluation of the	e CMR properties:	-								
11.2 Information	on on other hazards	:									
11.2.1. Endocrine	disrupting properti	ies:									
The sub	ostance/mixture c	loes not									
	components consi locrine disrupting										
	to REACH Article										
Commissi	on Delegated regu	lation (EU)									
	0 or Commission	0									
	8/605 at levels of	r U.1% Or									
11.2.2. Other info											

SECTION 12 ECOLOGICAL INFORMATION:										
12.1. Toxicity										
Acute toxicity	Dose	Exposure time	Species	Method	Evaluation	Note				



.

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

Page 11 of 17

Trading name:		FERRI REAG	FERRI REAGENT, WEIGERT B						
Product code:	FR-OT-X**	Revision date:	21 Dec 2022	Version:	5				

Fish		LC ₅₀	96 hou	irs	-		No ormation ailable	-		-	
Crustacea: EC ₅₀		48 hou	Irs	-	No information - available		-		-		
Algae/aquatic plants IC ₅₀			8 days	-			No information - available			-	
Microorganism	ns	LC ₅₀	72 hou	Irs	-	-		-		-	
Chronic toxicit	ÿ	Dose	Expos time		Species	м	lethod	Eval	uation		Note
Fish L		LC ₅₀	96 hou	irs	No information available	-	rmation lable	No info availabl	rmation e	-	
Crustacea: EC ₅		EC ₅₀	48 hours		No information available		rmation lable	No info availabl	rmation e	-	
Algae/aquatic plants		IC ₅₀	72 hours		No information available		rmation lable	No info availabl	rmation e	-	
Other organis	ms	_	-		-	-		-		-	
12.2. Persis	stence a	and degradat	oility								
Abiot	ic degra	adation		-							
	-	gradation hal			Method		Evaluation				Note
Marine water		formation av			information avail		le No information available				-
Fresh water		formation av			information avail			mation a			-
Air		formation av			information avail			mation a			-
Soil	No inf	formation av	ailable	Nc	information avail	able	No infor	mation a	vailable		-
Biode	gradati	on									
% Degradatio	n	Time (days	5)		Method		Evaluat	ion		Note	9
No information No available avai		inforr ailable	nation		lo information vailable		No information available		No information available		'n
12.3. Bioac	cumula	tive potentia									



Page 12 of 17

Trading name:	FERRI REAGENT, WEIGERT B							
Product code:	FR-OT-X**	Revision date:	21 Dec 2022	Version:	5			

	Partition	coefficie	nt: n-octanc	l/wate	er (log Ko	ow):						
Value	e C	oncentra	tion p	H	°C	M	ethod		Evalua	ation		Note
-	No ava	inform ilable	nation -		-	No info availab	ormation le		o inform ⁄ailable	ation	-	
	Bioconce	entration	factor (BCF)									
V	alue		Species		I	Method	k		Evaluatio	on	1	lote
No info availabl		No availa	inform ble	ation	No info availab		on	No in availa	nformatio able	on	No inform available	ation
					1							
	Chronic	ecotoxici	ty									
	Value		Dose	Exposure time		Spe	ecies Method		thod	Evaluation		Note
Chronic	toxicity c	n fish	LC ₅₀	No information available		No infori availa	mation able	No inforr availa	mation able	No info availab	ormation le	-
	toxicity c ea (<i>Daphn</i>		EC ₅₀	No infor avail	mation able	ation information information avai		No info availab	ormation le	-		
			·			·						
12.4.	Mobility	in soil										
	Known c	or predict	ed distributi	on in e	environn	nental d	compart	ments:				
	No infor	mation av	vailable									
	Surface	ension:					1					
	Valu	9	°C	C	oncentra	ation		Meth	nod		Nc	ote
	NoNoinformationinformationavailableavailable				informa ailable	ation	No inf availat		on	-		
	Adsorpt	on / desc	orption									
Transpo	ort	A/D coe [.] Henry's c		lo	og Kow	E١	vaporatio	on rate	e ľ	Method		Note
		,										



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

Page 13 of 17

						P	age 13 of 17		
Trading	g name:		FER	RI REAGENT, WE	IGERT B				
Produc	t code:	FR-OT-X**	Revisio	n date: 21 Dec	2022	Version:	5		
	1		1		1		1		
Soil-wat	ter No avail	information able	No information available	No information available	No info available		-		
Water-a	air No avail	information able	No information available	No information No inf available availal		rmation e	-		
Soil-air	No avail	information able	No information available	No information available	No info available		-		
	1								
12.5.	Results of	f PBT and vPvB asse	ssment						
	according	ance/mixture does g to REACH Article 5 n (EU) 2018/605 at l	7(f) or Commission	n Delegated regula [.]					
12.6.	Endocrine	e disrupting propert	ies						
		ance/mixture does		onents considered t	o have en	docrine di	srupting properties		
	according	to REACH Article 5	7(f) or Commission	n Delegated regula					
	Regulatio	n (EU) 2018/605 at	evels of 0.1% or h	igher.					
12.7.		verse effects							
	No inforn	nation available							
	1	OSAL CONSIDERA	TIONS						
13.1.	Waste t	reatment methods							
13.1.1.	Product	t/Packaging disposa	ŀ						
13.1.1.		for disposal to the l		rized by the Minist	ry of Envir	onmental a	and Nature		
	Protecti								
13.1.2.	Waste o	odes/waste designa	ations according to	o Law:					
	No info	rmation available							
13.1.3.	Wasta +	reatment – relevant	information:						
15.1.5.	No information available								
13.1.4.	Sewage	e disposal – relevant	information:						
	Waste r	must not be dispose	d of into the sewa	ge system.					
13.1.5.	Other d	lisposal recommend	ations:						



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

Page 14 of 17

Trading name:		FERRI REAG	ENT, WEIGERT E	8			
Product code: FR-OT-X**		Revision date:	21 Dec 2022	Version:	5		
authoriz the pac	zed by the ministry ir	nct's remains into the sewa n charge. Do not dispose o ors authorized by the mini	f the packaging int	to the sewage	system. Submit		
13.1.6. Relevan	t Community provisi	ons:					
-							
SECTION 14 TRAI	NSPORT INFORMAT	ION					
Transport	ing/shipment by roa	d (ADR)					
UN number:		Not subject to transpo	ort regulations.				
UN proper shippin	ig name:	-					
Transport hazard o	lass(es):	-					
Packing group:		-					
Environmentally ha	azardous:	-					
Special precaution	s for user:	-					
Transport	ing/shipment by rail	(RID)					
UN number:		Not subject to transpo	Not subject to transport regulations.				
UN proper shippin	ig name:	-					
Transport hazard o	class(es):	-					
Packing group:		-					
Environmentally ha	azardous:	-	-				
Special precaution	s for user:	-					
Inland wa	terway transport (AD	N)					
UN number:		Not subject to transpo	ort regulations.				
UN proper shippin	ig name:	-					
Transport hazard o	:lass(es):	-					
Packing group:		-					
Environmentally hazardous:		-					
Special precautions for user:		-					
Transport	ing/shipment by sea	(IMDG)					
UN number:		Not subject to transport regulations.					
UN proper shipping name:		-					
Transport hazard class(es):		-					
Packing group:		-					
Environmentally h	azardous:	-					
Special precaution	s for user:	-					



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

Page 15 of 17

Trading name:	FERRI REAGENT, WEIGERT B					
Product code:	FR-OT-X**	Revision date:	21 Dec 2022	Version:	5	

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: The proc	duct is not subject to classification.

15.1.	Safety, health and enviror	nmental regulations/legislation specific for the substance or mixture
	EU regulations	
	Authorization and/or rest	rictions of use
	Authorizations:	-
	Restrictions:	-
	Other EU regulations:	 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/9. 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 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 10 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);



Page 16 of 17

Trading name:		FERRI REAGE	ENT, WEIGERT E	3	
Product code:	FR-OT-X**	Revision date:	21 Dec 2022	Version:	5
National legislation:		Chemicals Act, Regulation of dangerous substances, Ord and on biological limit value classification of waste with Ordinance on writing Mater Substances Act	inance on occupates, Regulation on a waste catalog ar	tional exposure categories, typ nd list of hazard	e limit values es and dous waste,
15.2. Chemica	l safety assessmer	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 u 1272/2008 (CLP)	sed to derive the classification for mixture according to Regulation (EC)
Classifi	cation	Classification procedure
-		-
16.5.	Relevant H statements (numb	er and full text)
	H: H314	Causes severe skin burns and eye damage.
	H315	Causes skin irritation.
	H319	Causes serious eye irritation.
	H335	May cause respiratory irritation.
16.6.	.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.



Page 17 of 17

Trading name:	FERRI REAGENT, WEIGERT B					
Product code:	FR-OT-X**	Revision date:	21 Dec 2022	Version:	5	

ANNEX: EXPOSURE SCENARIO RESULTING TO CHEMICAL SAFETY ASSESSMENT



Page 1 of 17

Trade name:	HEMATOXYLIN, WEIGERT A					
Product code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6	

SECTI	ON 1. Identification of the	e substance/mix	xture and	of the company/undertaking		
1.1.	Product identifier					
	Trade name:	HEMATOXYLIN, WEIGERT A				
	Chemical name:	-				
	Catalogue number:	HEMA-OT-X**				
1.2.	Relevant identified uses	of the substance	e or mixtur	e and uses advised against		
	Uses:		For use i	n special staining kits.		
	Uses advised against:		Only the	identified uses are advised.		
	Reason why uses advised	d 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	Details of the supplier of the safety data sheet				
	Supplier:	BioGno	ost Ltd.			
	Address:	Medju	Medjugorska 59, Zagreb			
	Telephone number:	+385 1	1 2409997			
	Telefax:	+385 1	1 2404039			
	e-mail of competent per	son: <u>msds@</u>	2biognost.hr			
	National contact:	-				
1.4.	Emergency telephone nu	umber				
	National Protection and	Rescue Director	ate:	112		
	Medical information:			+385 1 2348 342		
	Other information:			-		

SECTIO	SECTION 2. Hazards identification				
2.1.	Classification of the substand	ce or mixture			
2.1.1.	Classification according to R	egulation (EC) No 12	72/2008 (CLP)		
	Hazard class and cat	egory code:	Hazard statements*:		
	Flam. Liq. 2		H225		
2.1.2.	Additional information				
	-				
*For ful	l text of Hazard- and EU Hazar	d-statements: see Se	ection 16		
2.2.	Label elements				
	Product identification:	HEMATOXYLIN,	WEIGERT A		
	Identification number:	-			
	Authorisation number:	-			



Page 2 of 17

Trade name:	HEMATOXYLIN, WEIGERT A				
Product code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6

	Hazard pictograms:	GHS02				
	Signal word:	Danger				
	Hazard statements:	H225 Highly flammable liquid and vapor.				
	Precautionary statement:	 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P280 Wear protective gloves/protective clothing/eye/protection/face protection. 				
	Supplemetal hazard information (EU)	-				
2.3.	Other hazards					
	Endocrine Disrupting Prope	rties:				
	No known endocrine disrupti	ng properties				
	Results of PBT and vPvB ass PBT or a vPvB.	Results of PBT and vPvB assessment: According to the results of its assessment, this substance is not a				

SECTION 3. Comp	osition/informatio	on on ingredients		
CAS/ REACH EC/ Registration Index number No		Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
107-21-1/ 203-473-3/ 603-027-00-1	01-2119456816- 28-xxxx	1- 10 %	ethylene glycol	Acute Tox. 4, H302
64-17-5/ 200-578-6/ 603-002-00-5	01-2119457610- 43-0147	60 – 80 %	ethanol	Flam. Liq. 2, H225

SECTI	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. Thoroughly wash with water for 15 minutes.				



Page 3 of 17

Trade name:		HEMATOXYLIN, WEIGERT A					
Product code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6		

	Following eye contact:	Rinse the eyes using mild jet of clean water for at least 15 minutes with the eyelids held wide open.
	Following ingestion:	Rinse the mouth thoroughly with water. If the afflicted person is conscious, provide them with large amounts of water. Consult a physician.
	Self-protection of the first aider	-
4.2.	Most important symptoms and eff	ects, both acute and delayed
	Following inhalation:	May cause eye irritation and upper respiratory system (stinging sensation, irritation). Bronchoconstriction is possible. Possible symptoms include CNS symptoms such as headache, vertigo, intoxication and loss of consciousness after exposure to higher levels of concentration.
	Following skin contact:	Defatting, dry skin.
	Following eye contact:	Splatter may cause discomfort, stinging sensation, conjunctival redness, corneal surface lesions.
	Following ingestion:	It may lead to occurrence of strong sensation of stinging, headache, vertigo, intoxication and loss of consciousness after exposure to higher levels of concentration. If denaturants are present, dyspepsia may occur (such as vomiting).
4.3.	Indication of any immediate medic	al attention and special treatment needed
	No information available	

SECTIO	DN 5. Firefighting measures			
5.1.	Extinguishing media			
	Suitable extinguishing media:	Small fire - water spray, dry powder, alcohol-resistant foam, CO ₂ Large fire - water spray or alcohol-resistant foam		
	Unsuitable extinguishing media:	Water jet		
5.2.	Special hazards arising from the substa	ance or mixture		
	Hazardous combustion products:	Incomplete combustion of the product.		
5.3.	Advice for firefighters			
	Use a self-contained open-circuit com Cool closed containers exposed to fire	pressed air breathing apparatus and fireproof clothing. with water spray or vapor.		
5.4.	Additional information			
	-			

SECTIO	N 6. Accidental release measures
6.1.	Personal precautions, protective equipment and emergency procedures
6.1.1.	For non-emergency personnel



Page 4 of 17

Trade name:			HEMATOXYLIN, WEIGERT A							
Produ	ct code:	HEMA-OT-X**	X** Date of compilation:		19 Dec 2023	Version:	6			
	Protective equipment:		disposing of large of compressed air bre	When disposing of small quantities use protective clothing. Whe disposing of large quantities use self-contained open-circuit compressed air breathing apparatus or self-contained closed-circuit air breathing apparatus.						
	Accident prevention methods:			Secure a safety zone, remove all ignition sources, and in case of an accident inform the Emergency service (112) and the manufacturer or sender. Position a prohibition sign with symbols of flame and devices that cause sparks.						
	Emergency procedures:			Remove or neutralize all factors that may exacerbate the condition, use all allowed means of containing the situation and use recommended means of personal protection.						
6.1.2.	For emerg	gency responders								
		ained open-circuit n (fireproof clothi	•	ssed air breathing appa	aratus, a set for pro	tecting the boo	ly from heat			
6.2.	Environm	ental precautions								
		•	•	nt further spillage of cl the sewage system, su		•	ollution by			
6.3.	Methods	and material for c	ontainme	ent and cleaning up						
6.3.1.	Bunding, covering of drains; capping Sand protective barrier or barriers made of similar materials procedures: Sand protective barrier or barriers made of similar materials									
6.3.2.	Cleaning	up: S	awdust, s	sand, mineral adsorben	its					
6.3.3.	Other info	ormation: s		oper ventilation. Conta possible environmenta 12).						
	Rescue (112).									

SECTIO	N 7. Handling and storage	
7.1.	Precautions for safe handling	
7.1.1.	Protection measures	
	Measures to prevent fire:	Keep away from sources of ignition and heat. Do not use tools that cause sparks.
	Measures to prevent aerosol and dust generation:	Secure proper ventilation.
	Measures to protect the environment:	Prevent spilling into the sewage system and waterways.
	Other measures:	-
7.1.2.	Advice on general occupational hygiene:	
	Do not eat, drink or smoke in the workspace. Thoroughly wa	sh hands after work and before eating.



Page 5 of 17

Trade name:	HEMATOXYLIN, WEIGERT A						
Product code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6		

7.2.	Conditions for safe storage, including any incomp	patibilities
	Technical measures and storage conditions:	Keep in a well-ventilated place. Keep away from heat and direct solar radiation.
	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:	-
7.3.	Specific end use(s)	
	Recommendations:	-
	Industrial sector specific solutions:	-

SECTION 8.	Exposur	e contro	ols/persona	l protec	tion			
8.1. Con	trol para	meters						
Sub	stance		CAS No			Occupational exposure limit values/short term values		Biological limit values
					ppm	mg/m ³		
Ethanol			64-17	'-5	1000/-	1900/-		-
Ethylene glyc	ol		107-2	1-1	20/40	52/104		-
Substance:	-							
EC No:	-		CAS No:	-				
DNEL								
					Industrial			
Pouto of ov		Acute			Acute	Chronic		Chronic
Route of exp	Josure:	effect local		effect systemic		effect local		effect systemic
Oral		-		-		-		-
Innalation		1900 r (ethan	mg/m ³			35 mg/ kg (ethylene g	glycol)	380 mg/m ³ (ethanol)
Dermal -			-		-		343 mg/kg (ethanol) 106 mg/kg (ethylene glycol)	
Critical physi	cal paran	neters: s	olubility, fla	mmabili	ty, corrosivity:			
					Consumer			



Page 6 of 17

Trade name:	HEMATOXYLIN, WEIGERT A						
Product code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6		

Route of exposure:	Acute effect local		Acute Chronic effect systemic effect loca		Chronic effect systemic			
Oral	-	-		-	-			
Inhalation	950 mg/m³ (ethanol)	-		7 mg/kg (ethylene glycol)	114 mg/m ³ (ethanol)			
Dermal	-			206 mg/kg (ethanol) 53 mg/kg (ethylene glycol)				
PNEC								
Environmental protection target				PNEC				
Fresh water			5	0.96 mg/l (ethanol) 10 mg/l (ethylene glycol)				
Freshwater sediments			3.6 mg/kg (ethanol) 37 mg/kg (ethylene glycol)					
Marine water			0.79 mg/l (ethanol) 1 mg/l (ethylene glycol)					
Marine sediments			2.9 mg/kg (ethanol) 3.7 mg/kg (ethylene glycol)					
Food chain			380-720 mg/kg (ethanol)					
Microorganisms in sewage treatment			580 mg/l (ethanol) 199.5 mg/l (ethylene glycol)					
Soil (agricultural)			0.63 mg/kg (ethanol) 1.53 mg/kg (ethylene glycol)					
Air			no information available					

8.2.	Exposure controls	Exposure controls					
8.2.1.	Engineering measures						
	Substance/mixture related measures to prevent exposure during identified uses:	Use personal protective equipment. Do not eat, drink or smoke in the workspace.					
	Structural measures to prevent exposure:	No information available					
	Organisational measures to prevent exposure:	Organization of work in order to reduce other worker's influence during work process.					
	Technical measures to prevent exposure:	See Section 7.2					
8.2.2.	Personal protection equipment						



Page 7 of 17

Trade name: HEMATOXYLIN, WEIGERT A	
Product code: HEMA-OT-X** Date of compilation: 19 Dec 2023 Version: 6)

8.2.2.1.	Eye and face protection:	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					
		Protective gloves must be according to the EU Directive 2016/425/EEC and standard EN 374.				
	Hand protection:	Glove material: nitrile rubber				
		Glove thickness: ≥0.50 mm				
		Break through time: >480 min				
	Other skin protection:	During everyday work use cotton clothing and suitable footwear, such as rubber boots or shoes that cover the entire foot. In case of spilling hazard, use clothing made of impermeable material suitable for protection from liquid chemicals (Viton, PVC, himex) and footwear made from the same material.				
8.2.2.3.	Respiratory protection:	Protective full face mask (EN 136) or half mask (EN 140) equipped with a filter for organic vapors, type "A" (boiling point >65°C) acording to EN 14387) used when concentration levels exceed GVI.				
8.2.2.4.	Thermal hazards:	No information available				
8.2.3.	Environmental exposure controls					
	Substance/mixture related measures to prevent exposure:	See 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				

SECTI	SECTION 9. Physical and chemical properties						
9.1.	Information on basic physical ar	nd chemical properties					
	Value Method						
	Physical state:	liquid	No information available				
	Colour:	brown	No information available				
	Odour/odour threshold:	ethanol like/no information available	No information available				
	Melting point / freezing point:	No information available	No information available				
	Boiling point or initial boiling point and boiling range:	No information available	No information available				
	Flammability:	No information available	No information available				



Page 8 of 17

Trade name:	HEMATOXYLIN, WEIGERT A						
Product code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6		

	Lover and upper explosion limit:	No information available	No information available
	Flash point:	20°C	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	pH:	No information available	No information available
	Kinematic viscosity:	No information available	No information available
	Solubility:	No information available	No information available
	Partition coefficient n- octanol/water (log value):	No information available	No information available
	Vapour pressure:	No information available	No information available
	Density and/or relative density:	No information available	No information available
	Relative vapour density:	No information available	No information available
	Particle characteristics:	No information available	No information available
9.2.	Other information		
	-		

SECTIO	SECTION 10.: Stability and reactivity					
10.1.	Reactivity:	The product is stable under normal working and storage conditions.				
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:	Risk of explosion after contact with strong acids, alkali metals, alkali metal oxides, nitric acid, oxidizing substances.				
10.4.	Conditions to avoid:	High temperatures, ignition sources, open flame.				
10.5.	Incompatible materials:	Oxidants, acids, alkali metals.				
10.6.	Hazardous decomposition products:	Non-degradable if used in the described manner.				

SECTION 11. Toxicological information									
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008									
Acute toxicity:									
Route of exposure:	Method	Species	Effective dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	Results				
Oral:	No information available	rat	LD ₅₀	-	7.060 mg/kg (ethanol) 7.712 mg/kg (ethylene glycol)				



Page 9 of 17

Trade name:	HEMATOXYLIN, WEIGERT A							
Product code:	HEMA-OT-X**	Date	of compil	ation:	19 De	ec 2023	Version:	6
	1	1	-		1		1	1
Dermal:	No information available	rabbit	LD ₅₀		-	>3.50	000 mg/kg (e 00mg/kg lene glycol)	thanol)
Inhalation:	No information available	rat	LC ₅₀ 4 h (ethanol) >8.000 n		00 mg/l (etha	nol)		
Specific t	target organ toxicit	v – single ev	nosure (ST					
Specific (ific effects	posule (SI	01 31).	Target o	vraan		Note
Oral:	No information			No inf	ormation	-	-	Vote
Dermal:	No information				ormation		-	
Inhalation:	No information			-	ormation		-	
	No mornation	available			Simation	available		
Aspiration hazard: No information available								
Irritation	and corrosion							
	Exposure	time	Species	Evalu	ation	Method	ſ	Note
Skin corrosion/irritation	n: -	-		-	-		No available	information
Serious eye damage/irritation	-	-			-		No available	information
		1		1	i		:	
Sensitiza	tion:							
Skin sensitization:	No information	available						
Respiratory sensitization:	No information	available						
	:							
Sympton	ns related to the ph	ysical, chem	ical and to	xicologi	cal charac	cteristics		
Oral exposure:	It may lead to occurrence of strong sensation of stinging, headache, vertigo, intoxication and							
Dermal exposure:	Defatting, dry s	kin.						
Inhalation exposure:	re: Defatting, dry skin. May cause eye irritation and upper respiratory system (stinging sensation, irritation). Bronchoconstriction is possible. Possible symptoms include CNS symptoms such as headache, vertigo, intoxication and loss of consciousness after exposure to higher levels of concentration.							
Eye exposure:	Splatter may ca lesions.	use discomfo	ort, stingin	g sensat	ion, conju	unctival redi	ness, corneal	surface



Page 10 of 17

6

Trade name: Product code: HEMA-OT-X**

HEMATOXYLIN, WEIGERT A Date of compilation: 19 Dec 2023

Version:

	Do	se	Exposure time	Species	Method	Evaluatio	on	Note
Subacute oral	No infor available		No information available	No informatio available	No n informat available			-
Subacute dermal	No infor available		No information available	No No information information available available				-
Subacute inhalation	No infor available		No information available	No informatio available	No n informat available			-
Subchronic oral	No infor available		No information available	No informatio available	No No			-
Subchronic dermal	No infor available		No information available	No informatio available	No n informat available			-
Subchronic inhalation	No infor available		No information available	No informatio available	No n informat available			-
Chronic oral	No infor available		No information available	No informatio available	No n informat available			-
Chronic dermal	No infor available		No information available	No informatio available	No informat available	nformation informatio		-
Chronic inhalation	No infor available		No information available	No informatio available	No n informat available			-
Specific	target org	jan toxic	ity – repeated e Specific effect			et organ		Note
Subacute oral		No infor	mation availabl		No informati		_	TAOLE
Subacute dermal			mation availabl		No informati		-	
Subacute inhalat			mation availabl		No information available		-	
Subchronic oral		No infor	mation availabl	e	No information available		-	
Subchronic derm	nal	No infor	mation availabl	e	No informati	on available	-	
Subchronic inhal	ation	No infor	mation availabl	e	No informati	on available	-	
Chronic oral		No infor	mation availabl	e	No informati	on available	-	



Page 11 of 17

Trade name:		HEMATOXYLIN, WEIGERT A						
Product code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6			

Chronic dermal No information available		No information available	No information available	-			
Chronic	inhalation	No information available	No information available	-			
	1						
	CMR effects (carcinogenicity; mutagenicity; r	eproductive toxicity)				
	Carcinogenici	ty:	No information available				
	Mutagenicity	in-vitro:	No information available				
	Genotoxicity:		No information available				
	Mutagenicity	in-vivo:	No information available				
	Germ cell mu	tagenicity:	No information available				
	Reproductive	toxicity:	No information available				
	Summary o [.] properties:	f evaluation of the CMR	-				
	1						
11.2.	Information o	n other hazards:					
11.2.1.	Endocrine dis	rupting properties:					
	No known e that affect hu	ndocrine disrupting propertie man health.	'S				
11.2.2.	Other informa	ations:					
	-						

SECTION 12. Ecological information:										
12.1. Toxicity										
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note				
Fish	LC ₅₀	96 hours	Fish	No information available	8.140 mg/l (ethanol) 72.860 mg/l (ethylene glycol)	-				
Crustacea:	EC ₅₀	48 hours	water flea	No information available	7.800 mg/l (ethanol) >100 mg/l (ethylene glycol)	-				
Algae/aquatic plants	IC ₅₀	72 hours	algae	No information available	5.000 mg/l (ethanol) 6.500-13.000 mg/l (ethylene glycol)	-				
Microorganisms	-	-	No information available	No information available	No information available	-				



Page 12 of 17

Trade name:	HEMATOXYLIN, WEIGERT A							
Product code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6			

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	-
Microorganisms	-	-	-	-	-	-

12.2.	Persistence and	degradability

	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	-

% Degradation	n Time (da	ys)	Ν	1ethod	Evaluation	Note
					-	
	-		-		-	
	:				i	
2.3. Bioaco	cumulative potent	ial				
Partiti	on coefficient: n-c	octanol/wa	ater (log Ko	ow):		
Value	Concentration	рН	°C	Method	Evaluation	Note
-		-	_	-	-	-

Bioconcent	ration factor (BCF)			
Value	Species	Method	Evaluation	Note



Page 13 of 17

Trade na	ime:	HEMATOXYLIN, WEIGERT A							0			
Product	code:	HEMA	A-OT-X**	Date of compil		lation:	19 De	c 2023	Vers	sion:	6	
No inform available	nation			No infor available		on	No infor available			o inforn ailable	nation	
(Chronic ec	cotoxicit	у									
	Value		Dose	•	osure me	S	pecies	Met	hod	Eval	uation	Note
Chronic to	oxicity on	fish	LC ₅₀		-		mation able	No inform availab	available			n -
	Chronic toxicity on crustacea (Daphnia)			No No		mation able	No inform availab		tion No informatio		n _	
12.4. N	Mobility ir	n soil										
1	-		d distribut	ion in e	environme	ental	compart	ments:				
	No inform	•										
S	Surface te	nsion:										
	Value		°C	C	oncentrati	ion		Method			No	ote
i	No nformatio available		ormation ailable		informati iilable	ion	No inf availat	ormation ble		-		
ł	Adsorptio	n / deso	rption									
ransport	-	v/D coef enry's co		l	og Kow		Evapora	tion rate	Ν	lethod		Note
Soil-wate	r No availa		formation	No availa	informati able		No info available	ormation	No availab	informat le	ion _	
Water-air	No availa		formation	No availa	informati able	-	No info available	ormation e	No availab	informat le	ion _	
Soil-air	No availa		formation	No availa	informati able	-	No info available	ormation e	No availab	informat Ie	ion _	
12.5. F	Posulte of	DBT	l vPvB asse	ccmon+								
						nts c	onsidara	d to be ci	ther por	cictont b	ioaccur	mulative and
			/ persistent		•				•			



Г

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

Page 14 of 17

Trade name:	HEMATOXYLIN, WEIGERT A						
Product code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6		

12.6.	Endocrine disrupting properties
	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
12.7.	Other adverse effects
	No adverse effects are expected.
SECTIO	N 13. Disposal considerations
13.1.	Waste treatment methods
13.1.1.	Product/Packaging disposal:
	Submit for disposal to the legal person authorized by the Ministry of Environmental and Nature Protection.
13.1.2.	Waste codes/waste designations according to Law:
	No information available
13.1.3.	Waste treatment – relevant information:
	No information available
13.1.4.	Sewage disposal – relevant information:
	Waste must not be disposed of into the sewage system.
13.1.5.	Other disposal recommendations:
	Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge. Do not dispose of in places where ignition may occur.
13.1.6.	Relevant Community provisions:
	-
SECTIO	N 14. Transport information
	Transporting/shipment by road (ADR)
UN num	nber: 1170
UN prop	per shipping name: Ethanol solution



Page 15 of 17

Trade name:	HEMATOXYLIN, WEIGERT A							
Product code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6			
			1	:	:			
Transport hazard c	lass(es):	3						
Packing group:		11						
Environmental haz	ards:	No information available						
Special precaution	s for user:	-						
Transport	ing/shipment by rail (R	ID)						
UN number:		1170						
UN proper shippin	g name:	Ethanol solution						
Transport hazard c	lass(es):	3						
Packing group:		II						
Environmental haz	ards:	No information available						
Special precaution	s for user:	-						
Transport	ing/shipment by inland	waterways (ADN)						
UN number:		1170						
UN proper shippin	g name:	Ethanol solution						
Transport hazard c	lass(es):	3						
Packing group:		П						
Environmental haz	ards:	No information available						
Special precaution	s for user:	-						
Transport	ing/shipment by sea (IN	MDG)						
UN number:		1170						
UN proper shippin	g name:	Ethanol solution						
Transport hazard c	lass(es):	3						
Packing group:		Ш						
Environmental haz	ards:	No information available						
Special precaution	s for user:	-						
Transport in bulk of MARPOL 73/78	according to Annex II and the IBC code:	-						
Transport	ing/shipment by air (IC	AO-TI/IATA-DGR)						
UN number:		1170						
UN proper shippin	g name:	Ethanol solution						
Transport hazard c	lass(es):	3						
Packing group:		11						
Environmental haz	ards:	No information available						
Special precaution	s for user:	-						
Further information	n: -							



Page 16 of 17

Trade name:		HEMATOXYLIN, WEIGERT A				
Product code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6	

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 or 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 Apri 2004 on the limitation of emissions of volatile organic compounds due to the use or organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC; Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety				
		of workers from the risks related to chemical agents at work; Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006;				
		REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);				
	Information according 19 guideline)	99/13/EC about limitation of emissions of volatile organic compounds (VOC-				
	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, Transport of Hazardous Substances Act					
15.2.	Chemical safety assessme	ent				
	None					

SECTIO	ON 16. Other information	
16.1.	Indication of changes:	-



Page 17 of 17

Trade	name:		HEMATOXYLII	N, WEIGERT A	Fage 17			
Produ	ct code:	HEMA-OT-X**	Date of compilation:	19 Dec 2023	Version:	6		
16.2.	Abbrevia acronym		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.		ature references ce of data:	-					
16.4.	Classifica 1272/200		used to derive the classification	n for mixture accor	ding to Regula	ition (EC)		
Classifi	cation		Classification procedure					
-			-					
16.5.	Relevant	H statements (num	ber and full text)					
	H: 225 302		Highly flammable liquid and vapor. Harmful if swallowed.					
16.6.	Training	advice:	-					
16.7.	Further i	nformation:	 ** "X" in the product code marks different volumes (different packaging 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** _



Page 1 of 17

Trade name:					
Product code:	MAY-OT-X**	Date of compilation:	14 Nov 2022	Version:	3

1.1.	Product identifier					
	Trade name:	MARTIUS YE	LLOW, SO	LUTION		
	Chemical name:	-				
	Catalogue MAY-OT-X**					
1.2.	Relevant identified uses of the substance or mixture and uses advised against					
	Uses:			For use w	ith Martius Scarlet Blue kit.	
	Uses advised against:			Only the i	dentified uses are advised.	
	Reason why uses advised against:			The product is intended for use only as an <i>in vitro</i> diagnosti 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 suppli	er of the safe	ty data she	et		
	Supplier:		BioGn	BioGnost Ltd.		
	Address:		Medju	Medjugorska 59, Zagreb		
	Telephone number:		+385	+385 1 2409997		
	Telefax:		+385	+385 1 2404039		
	E-mail of competen	t person:	<u>msds(</u>	msds@biognost.hr		
	National contact:		-			
1.4.	Emergency telephone numbers					
	National Protection	and Rescue D	irectorate:		112	
	Medical information	:			+385 1 2348 342	
	Other information:					

SECTI	ON 2. Hazards identification			
2.1.	Classification of the substance	or mixture		
2.1.1.	Classification according to Reg	ulation (EC) No	. 1272/2008 (CLP)	
	Hazard class and catego	ry code:	На	azard statement*:
	Flam. Liq. 2		H225	
2.1.2.	Additional information			
	-			
*For fu	Ill text of Hazard- and EU Hazard-	statements: see	e Section 16.	
2.2.	Label elements			
	Product identification:	MARTIUS YEL	LOW, SOLUTION	
	Identification number:	-		



Page 2 of 17

Trade name:	MARTIUS YELLOW, SOLUTION					
Product code:	MAY-OT-X**	Date of compilation:	14 Nov 2022	Version:	3	

	Authorisation number:	-
	Hazard pictograms:	GHS02
	Signal word:	Danger
	Warning statement:	H225 Highly flammable liquid and vapor.
	Precautionary statement:	 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.
	Supplemental hazard information (EU):	-
2.3.	Other hazards	
	Endocrine Disrupting Prope	rties:
	No known endocrine disrupti	ng properties
	Results of PBT and vPvB ass PBT or a vPvB.	sessment: According to the results of its assessment, this substance is not a

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- 0147	80 - 100 %	ethanol	Flam. Liq. 2; H225				
605-69-6/ 210-093-1/ -	-	≤ 10 %	2,4-dinitro-1- naphthol	Skin. Irr. 2; H315 Eye Irr. 2; H319 STOT SE 3; H335				

SECT	SECTION 4. First aid measures			
4.1.	Description of first aid measu	ures		
	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.		



					F	Page 3 of 17			
Trade name: MARTIUS YELLOW, SOLUTION Product code: MAY-OT-X** Date of compilation: 14 Nov 2022 Version: 3 Following skin contact: Remove all contaminated clothes/footwear. Thoroughly wash with water for at least 15 minutes. 14 Nov 2022 Version: 3 Following eye contact: Rinse the eyes using mild jet of clean water for at least 20 minutes with the eyelids held wide open. 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 skin contact: 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.									
Prod	uct code:	MAY-OT-X**		Date of compilation:	14 Nov 2022	Version:	3		
	-				/footwear. Thorough	ly wash with			
					ean water for at leas	t 20 minutes	with		
	Following swallowing:		consult a physician and show the container or label. In case of swallowing large quantities, transport the afflicted person to the						
	Self-protec	tion of the first aider	-						
4.2.	Most important symptoms and effects, both acute and delayed								
	Following i	nhalation:	,						
	Following s	skin contact:		5	•	ay lead to			
	Following eye contact:		Depending on concentration and exposure time, it may lead to irritation, tearing, redness and pain.						
	Following s	swallowing:	•	nding on concentration and ng and digestive mucus dan ing.	•				
4.3.	Indication of	of any immediate med	lical atte	ention and special treatment	t needed				
	No informa	ation available							

SECTION 5. Firefighting measures					
5.1.	Extinguishing media				
	Suitable extinguishing media:	Small fire - water spray, dry powder, alcohol-resistant foam, CO2 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 byproducts of fire: Incomplete combustion of the product.				
5.3.	Advice for firefighters				
	Stay in danger area only with self-contained open-circuit compressed air breathing apparatus and a set for protecting the body from heat dissipation (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



Page 4 of 17

Trade name:	MARTIUS YELLOW, SOLUTION						
Product code:	MAY-OT-X**	Date of compilation:	14 Nov 2022	Version:	3		

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:		
	Self-contained open-circuit compressed air breathing apparatus, a set for protecting the body from heat dissipation (fireproof clothing).		
6.2.	Environmental precautions:		
	Use sand protective barrier to prevent further spillage of chemicals. Prevent environmental pollution by not allowing the chemicals to enter the sewage system, surface water or groundwater.		
6.3.	Methods and materials for containment 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:	Sawdust, sand, mineral adsorbents	
6.3.3.	Other information:	Secure proper ventilation. Contact the responsible person; in case of larger spills and possible environmental pollution contact National Protection and Rescue (112). 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.		

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:	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.			



Page 5 of 17

Trade name:		MARTIUS YELLOW, SOLU	TION		
Product code:	MAY-OT-X**	Date of compilation:	14 Nov 2022	Version:	3

7.2.	Conditions for safe storage, including a	iny incomp	atibilities			
	Technical measures and storage conditions:	ventilat	tightly closed and upright set containers in a well ed storage rooms at temperatures ranging from 15 to rotect from heat and direct sunlight.			
	Packaging materials:	Manufa	cturer's original packaging.			
	Requirements for storage rooms and vessels:	s and 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 use empty containers for storing other chemicals. Do re with incompatible materials (see Section 10).			
7.3.	Specific end use(s)					
	Recommendations:		-			
	Industrial sector specific solutions:		-			

SECTION 8. Exposure	controls/person	al protection			
8.1. Control para	meters				
Substance	CAS No			exposure limit term values	Biological limit values
		р	om	mg/m³	
Ethanol	64-17-	5 10	00/-	1900/-	No information available
Substance:	-				
EC No:	-	CAS	No:	-	
DNEL					
		Indust	rial		
Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local		Chronic effect systemic
Oral	-	-	-		-
Inhalation	1900 mg/m ³ (ethanol)	-	-	- 380 mg/m ³ (eth	
Dermal	-	-	-		343 mg/kg (ethanol)
Critical physical param	neters: solubility, fl	ammability, corros	vity:	-	
		Consur	ner		
Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local		Chronic effect systemic



Page 6 of 17

Trade n	ame:			MARTIU	S YELLOW, SOI	LUTIOI	N		
Product	code:	MAY-OT-X**		Date of compilation: 14			14 Nov 2022 Version:		
Orral							97 m n (m		
Oral		- 950 mg/m ³	-		-		87 mg/kg	bw/day (ethanol)	
Inhalatio	n	(ethanol)	-		-		114 mg/m	³ (ethanol)	
Dermal		-	-		-		206 mg/kg	(ethanol)	
PNEC									
Environn	nental pro	tection target		PNEC					
Fresh wa	iter			0.96 mg/l (ethanol)				
Freshwat	ter sedime	nts		3.6 mg/kg	(ethanol)				
Marine v	vater			0.79 mg/l (ethanol)				
Marine s	ediments			2.9 mg/kg					
Food cha	ain			380-720 m	g/kg (ethanol)				
Microor	ganisms in	sewage treatment		580 mg/l (ethanol)				
Soil (agri	icultural)			0.63 mg/kg	g (ethanol)				
Air				no information available					
8.2.	Exposur	e controls							
8.2.1.	Appropr	iate engineering cor	ntrols	1					
	measure	ce/mixture related to prevent exposu dentified uses:	re	Do not eat, drink or smoke in the workspace. Use personal protective equipment. No information available					
	Structur exposur	al measures to preve e:	ent						
	-	ational measures to exposure:		Organizatior during work	n of work in order process.	r to red	uce other wo	orker's influence	
	Technica exposur	al measures to preve e:	nt	See Section 7.2					
8.2.2.	Persona	protection equipme	ent						
8.2.2.1.	Eye and	face protection:	of c	concentration	at stick to face (El in air; protective levels of concent	gas mas	sk that cover	se of lower levels is the entire face	
8.2.2.2.	Skin pro	tection							
	Hand pr	otection:		l standard EN Glove ma Glove thi	must be accordii 374. iterial: nitrile rubk ckness: ≥0.50 mn ough time: >480	ber n	e EU Directiv	ve 2016/425/EEC	



Page 7 of 17

Trade name:		MARTIUS YELLOW, SOLU	TION		
Product code:	MAY-OT-X**	Date of compilation:	14 Nov 2022	Version:	3

	Other skin protection:	During everyday work use cotton clothing (EN 340) and suitable footwear, such as rubber boots (EN 20345) or shoes that cover the entire foot. In case of spilling hazard, use clothing made of impermeable material suitable for protection from liquid chemicals (Viton, PVC, himex) and footwear made from the same material.				
8.2.2.3.	Respiratory protection:	Protective full face mask (EN 136) or half mask (EN 140) equipped wit a filter for organic vapors, type "A" (boiling point >65°C) acording to EN 14387) used when concentration levels exceed GVI.				
8.2.2.4.	Thermal hazards:	No information avail	ilable			
8.2.3.	Environmental exposure contr	rols				
	Substance/mixture related me exposure:	easures to prevent	See Section 6			
	Structural measures to preven	it exposure:	Use modern equipment.			
	Organisational measures to p	revent exposure:	Adapt the work process to the required working conditions of the workplace.			
	Technical measures to preven	t exposure:	See Section 6			

9.1.	Information on basic physical and chemical properties							
		Value	Method					
	Physical state:	liquid	no information available					
	Colour:	yellow	no information available					
	Odour/odour threshold:	ethanol like/no information available	no information available					
	Melting point / freezing point:	no information available	no information available					
	Boiling point or initial boiling point and boiling range:	no information available	no information available					
	Flammability:	no information available	no information available					
	Lover and upper explosion limit:	no information available	no information available					
	Flash point:	15 °C	no information available					
	Auto-ignition temperature:	no information available	no information available					
	Decomposition temperature:	no information available	no information available					
	pH:	1.0 – 2.0	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					



Page 8 of 17

Trade	Trade name: MARTIUS YELLOW, SOLUTION					
Product code: M		MAY-OT-X**	Date of compilation:	14 Nov 2022	Version: 3	
					•••••	
	Density and/or relative density:		no information available	no information available		
	Relative	vapour density:	no information available	no information available		
	Particle o	characteristics:	no information available	no information av	vailable	
9.2.	Other in	formation				
	-					

SECTIO	SECTION 10.: Stability and reactivity				
10.1.	Reactivity:	The product is stable under normal working and storage conditions.			
10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using.			
10.3.	Possibility of hazardous reactions:	Risk of explosion after contact with strong acids, alkali metals, alkali metal oxides, nitric acid, oxidizing substances.			
10.4.	Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources.			
10.5.	Incompatible materials:	Oxidants, acids, alkali metals.			
10.6.	Hazardous decomposition products:	Non-degradable if used in the described manner.			

11.1. Inform	nation on hazard o	lasses as defined	in Regulation (EC	C) No 1272/2008		
Acute	toxicity:					
Route of exposure:	Method	Species	Effective Dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time		Results
Oral:	-	rat	LD ₅₀	-	7.060	mg/kg (ethanol)
Dermal:	-	rabbit	LD ₅₀	-	>20.0	00 mg/kg (ethanol)
Inhalation:	-	rat	LC ₅₀	4 h (ethanol)	>8.000 mg/l (ethanol)	
Specific targ	et organ toxicity -	single exposure (Specific effects	(STOT-SE):	Target orgar	1	Note
Oral:	No informati	ion available	N	o information ava	ilable	-
Dermal:	No informati	ion available	Ν	o information ava	ilable	-
Inhalation:	No informati	ion available	N	o information ava	ilable	-
	hazard:		No information			



Page 9 of 17

Trade name:		MARTIUS YELLOW, SOLU	TION		
Product code:	MAY-OT-X**	Date of compilation:	14 Nov 2022	Version:	3

Irritation and	corrosion								
	Exposur	e time	Speci	es		Evaluation		Method	Note
Skin corrosion/irritatior	No informat available		No info available	ormation	No ir availa	formation able		o formation ⁄ailable	-
Serious eye damage/irritation	No informat available		No infc available	ormation	No ir availa	formation able		o formation vailable	-
Sensitization									
Skin sensitization:	No infor	mation a	vailable						
Respiratory sensitization:	No infor	mation a	ivailable						
Symptoms relat	ed to the phy	sical che	mical and to	vicologica	l char	acteristics			
Oral exposure:	sensation; In case of	higher le vomiting	evels of conc	entration causes cou	may c	gling sensation ause nausea, ause nausea, a	abdomina	al pain an	d vomiting.
Dermal exposure:	Slight irrit	ation. Aft		osure, reso	•	n effects are n on of skin.	ot likely.	Long-terr	n exposure
Inhalation exposure:		-	amounts of s g, headache a	•		quately ventila	ited perin	neter may	' cause
Eye exposure:	Direct eye sensation.		may cause sl	light to m	oderat	e irritation, la	crimation	and burn	ing
Repeated dose	toxicity (suba	cute, sub	chronic, chro	onic)					
	Dose		sure time	Specie	es	Method	Evalu	ation	Note
Subacute oral i	No nformation available	No availab	information le	No informat available	ion	No information available	No inforr availa	mation able	_
Subacute No dermal available		No availab	information le	No informat available	ion	No information available	No inforr availa	mation able	-
Subacute No inhalation available		No availab	information le	No informat available	ion	No information available	No inforr availa	mation able	-
Subchronic i	No nformation available	No availab	information le	No informat available	ion	No information available	No inforr availa	mation able	-



Page 10 of 17

Trade name:		MARTIUS YELLOW, SOLU	TION		
Product code:	MAY-OT-X**	Date of compilation:	14 Nov 2022	Version:	3

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

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

Carcinogenicity:	No information available
Mutagenicity <i>in-vitro</i> :	No information available
Genotoxicity:	No information available
Mutagenicity <i>in-vivo</i> :	No information available
Germ cell mutagenicity:	No information available
Reproductive toxicity:	No information available
Summary of evaluation of the CMR properties:	No information available



Page 11 of 17

Trade name:	MARTIUS YELLOW, SOLUTION							
Product code:	MAY-OT-X**	Date of compilation:	14 Nov 2022	Version:	3			

11.2.	Information on other hazards:
11.2.1.	Endocrine disrupting properties:
	No known endocrine disrupting properties that affect human health.
11.2.2.	Other informations:
	-

SECTION 12.	Ecological i	nformation						
12.1. Toxic	city							
Acute (short- term) toxicity	Dose	Exposure time	Species	Met	hod	Evalu	uation	Note
Fish	LC ₅₀	96 hours	Fish		rmation lable	8.140 mg,	/l (ethanol)	-
Crustacea:	EC ₅₀	48 hours	Daphnia magna	No info avail	rmation lable	7.800 mg,	/l (ethanol)	-
Algae/aquatic plants:	IC ₅₀	72 hours	algae		rmation lable	5.000 mg,	/l (ethanol)	-
Other organisms	-	-	-	-		-		-
Chronic (long-term) toxicity	Doza	Exposure time	Species	Met	hod	Evalu	uation	Note
Fish	LC ₅₀	96 hours	No information available	information No information Available		ation	-	
Crustacea:	EC ₅₀	48 hours	No information available	No infor available		No inform available	ation	-
Algae/aquatic plants	IC ₅₀	72 hours	No information available		No information available		ation	-
Other organisms	-	-	-	-		-		-
		degradability						
ADIO	tic degradat		N 4 - 1	1	-		. .	4
	Degrada	tion half-lives	Meth			luation	Nc	ote
Marine water	No informat	ion available	No informati available	on	No infor available		-	



Page 12 of 17

Trade name	9:				MA	RTIUS YELLO	W, Se	OLUTIO	N		ge 12 of 1	
Product code:		MAY-OT-X**			Ī	Date of compilation:			14 Nov 2022		Version:	3
		1						1				
Fresh water	No ir	nformation a	vailab	ole	No info availab	ormation lle	-	informati ilable	on -			
Air	No ir	nformation a	vailab	ole	No info availab	ormation le		informati ilable	on -			
Soil	No ir	nformation a	vailab	ole	No info availab	ormation lle		informati ilable	on _			
Biodegrad	lation											
% Degradat		Time (d	ays)		Ν	lethod		Evaluatio	n		Note	
-	-			-			-		-			
12.3.	Bioacc	umulative po	ntenti	al								
		ol-water part			ent (log k							
Value		oncentration		pH	°C	-			Evaluation		Note	
	-	-								Note		
Piecon	contro	ition Factor (
Value		Spec				Method		Fva	luation		Note	
No information available	N	o information available		No info	ormation availab	ole	No infor available	mation		-		
Chronic ed	rotoxic	ritv			•							
Value		Dose	E	Exposure	e time	Species	Method		Evaluation		Note	е
Chronic toxic on fish	city	LC ₅₀	Nc	Exposure time No information available		No information available	No info	ormation ilable	No information available		-	
Chronic toxicity on crustacea (Daphnia)		EC ₅₀	No informatio available		ation	information in		ormation ilable	No informa available		-	
12.4	1-111-1-1											
	bility i				· ·	nental comparti						



Page 13 of 17

Trade name:		•	MARTIUS YELLOW, SOLUTION									
Product code: N						Date of compilation:			14 Nov 2022 Version:			
	Surf	face tensio	n:									
	Jun	Value		°C	Со	ncentration	Me	thod		Note		
	No avai	informat ilable	tion No i available	nformation	No i avail	nformation able	No inforn availa	nation ble	-			
Adso	rptior	n / desorpt	ion									
Transpo	rt		oefficient s constant	log Kov	N	Evaporation	n rate	N	lethod	Note		
Soil-Wa	tor 👘	No available	information	No informa available	ation	No informat available	ion	No inf availal	ormation ple	-		
Water-A	ir 🗆	No available			ation	No informat available	ion	No inf availal	ormation ple	-		
Soil-Air		No available	information	No informa available			ion	No information available		-		
12.5. 12.6.	Base End	ed on avail ocrine disr	and vPvB assestable data, the propert	product does				PvB subs	tances.			
	Base	ed on avail	able data, does	not contain	ı endo	crine disrupto	ors.					
12.7.	Oth	er adverse	effects									
	No	adverse ef	fects are expect	ted.								
SECTIO	N 13.	Disposal	considerations	5								
13.1.		-	ent methods									
13.1.1.	Pro	oduct/Pack	aging disposal	:								
		bmit for di otection.	sposal to the le	gal person a	author	ized by the M	inistry o	of Enviro	onmental ar	nd Nature		
13.1.2.	Wa	aste codes,	/waste designat	tions accordi	ing to	Low:						
13.1.2.			ng that contains residual hazardous substances or is contaminated with hazardous substances									



Packing group:

Environmental hazards:

Special precautions for user:

Transporting/shipment by sea (IMDG)

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

Trade r	ame:		Page 14 of 17 MARTIUS YELLOW, SOLUTION						
Produc	t code:	MAY-OT-X**	Date of compilation:	14 Nov 2022 Version: 3					
13.1.3.	Waste t	reatment – relevant i	nformation:						
		rmation available							
13.1.4.	Sewage	disposal – relevant i	nformation:						
	Waste r	nust not be disposed	of into the sewage system.						
13.1.5.		isposal recommenda							
	authoriz	zed by the ministry in	ct's remains into the sewage system. charge. Do not dispose of the packa	ging into the sewage system. Submit					
1010			ors authorized by the ministry in char	ge.					
13.1.6.		It Community provision	rding to official regulations.						
	Dispose	in must be made acco							
SECTIO	N 14. Trai	nsport information							
Trai	nsporting/	shipment by road (A	DR)						
UN num	ıber		1170						
UN prop	per shippir	ng name:	Ethanol solution						
Transpo	rt hazard o	class(es):	3						
Packing	group:		П						
-	nental haz		No information available						
		ns for user:	-						
	• •	shipment by rail (RID	-						
UN num			1170						
• • •	per shippir	5	Ethanol solution						
Transport hazard class(es): Packing group:			3 						
Environmental hazards:			No information available						
Special precautions for user:			-						
		shipment by inland v	vaterways (ADN)						
UN num			1170						
UN prop	per shippir	ng name:	Ethanol solution						
Transpo	rt hazard (class(es):	3						

П

-

No information available



Page 15 of 17

Trade name:		MARTIUS YELLOW, SOLU	TION		
Product code:	MAY-OT-X**	Date of compilation:	14 Nov 2022	Version:	3

UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	П
Environmental hazards:	No information available
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:	-
Transporting/shipment by air (ICAO-	TI/IATA-DGR)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	П
Environmental hazards:	No information available
Special precautions for user:	-
Further	

SECTIO	ECTION 15. Regulatory information				
15.1.	Safety, health and environme	Safety, health and environmental regulations/legislation specific for the substance or mixture			
	EU regulations				
	Authorisation and/or restrictions on use				
	Authorisations:	-			
	Restrictions:	-			



	-	mended by Regulation (EU) No. 20		age 16 of 1 [.]	7		
Trade name: Product code: MAY-OT-X**		MARTIUS YELLOW, SOLUTION					
		Date of compilation:	14 Nov 2022	Version:	3		
Other EU	regulations:	Regulation (EC) No 1907/2006 of the Eu 18 December 2006 concerning the Reg Restriction of Chemicals (REACH), estal amending Directive 1999/45/EC and No 793/93 and Commission Regulation Directive 76/769/EEC and Commission 93/105/EC and 2000/21/EC; Directive 2004/42/CE of the European P 2004 on the limitation of emissions of vo of organic solvents in certain paints products and amending Directive 1999/1 Council Directive 98/24/EC of 7 April 19 safety of workers from the risks related to Regulation (EC) No 1272/2008 of the Eu 16 December 2008 on classification, lab mixtures, amending and repealing Direct amending Regulation (EC) No 1907/2006 REACH Restrictions on the manufacturi certain dangerous substances, mixtures a	gistration, Evaluation, blishing a European repealing Council n (EC) No 1488/94 a on Directives 91/15 arliament and of the platile organic compou and varnishes and 13/EC; 298 on the protection o chemical agents at v ropean Parliament an pelling and packaging ctives 67/548/EEC an 5; ing, placing on the	Authorisation Chemicals Ag Regulation as well as Co 5/EEC, 93/67 Council of 21 unds due to th vehicle refini n of the health work; nd of the Cour of substances d 1999/45/EC market and u	a and gency. (EEC) buncil //EEC, //EEC, April e use shing a and acil of s and , and		
Informati guideline	-	/13/EC about limitation of emissions of	volatile organic cor	npounds (VC)C-		
National	dan legislation: biol was	micals Act, Regulation on classification, gerous substances, Ordinance on occup ogical limit values, Regulation on catego te with a waste catalog and list of hazar erial safety data sheet, Transport of Haz	bational exposure lir pries, types and clas dous waste, Ordina	mit values and ssification of nce on writin			

15.2. Chemical safety assessment None

SECTIO	ECTION 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 	



_

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

Page 17 of 17

Trade name:	MARTIUS YELLOW, SOLUTION				
Product code:	MAY-OT-X**	Date of compilation:	14 Nov 2022	Version:	3

16.3.	Key literature references and source of data:		es and	d source of		
16.4.		ification and proce /2008 (CLP)	edure	e used to derive the classification for mixture according to Regulation (EC)		
Classifie	cation		Cla	ssification procedure		
-			-			
16.5.	Relevant H statements		(nun	nber and full text)		
	225			Highly flammable liquid and vapor.		
	H:	315		Causes skin irritation.		
		319		Causes serious eye irritation.		
		335		May cause respiratory irritation.		
16.6.	Train	ing advice:	-			
			** "X" in the product code marks different volumes (different packaging of the product)			
16.7.	Furth	Further information: We are not respon		are not responsible for consequences in case of failure to comply with cructions for use or improper use of the product described in this material ety data sheet.		

ANNEX: Exposure scenario resulting to Chemical safety assessment



Page 1 of 16

Trading name:	PHOSPHOTUNGSTIC ACID, 1% SOLUTION				
Product code:	FVK1-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

SECTI	ON 1 IDENTIFICATION	OF THE SUB	STANCE/MI	XTURE AND OF THE COMPANY/UNDERTAKING	
1.1.	Product identifier				
	Trading name:	PHOSPHO	TUNGSTIC A	CID, 1% SOLUTION	
	Chemical name:	-			
	Catalogue number:	FVK1-OT->	〈 **		
1.2.	Relevant identified use	es of the sub	stance or mi	xture and uses advised against	
	Uses:		For use w	ith special staining kits.	
	Uses advised against:		Only the i	dentified uses are advised.	
	Reason why uses advised against:		The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes		
1.3.	Details of the supplier of the safety data sheet				
	Supplier: Bi		BioGnost Ltd.		
	Address:	Ν	Medjugorska 59, Zagreb		
	Telephone number:	+	+385 1 2409997		
	Fax no.:	+	+385 1 2404039		
	e-mail of competent p	person: <u>n</u>	msds@biognost.hr		
	National contact:	-			
1.4.	Emergency telephone	number			
	National Protection ar	nd Rescue Di	rectorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			-	

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



Page 2 of 16

Trading name:	PH	PHOSPHOTUNGSTIC ACID, 1% SOLUTION				
Product code:	FVK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 2		

	Signal word:	-
	Hazard statements:	-
	Precautionary statements:	-
	Further information:	-
2.3.	Oth an harmala	
2.5.	Other hazards	
2.3.	Endocrine Disrupting Proper	ties:
2.3.		

SECTION 3 CC	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)			
12501-23-4/ 603-020-3/ -	-	≤ 1%	phosphotungstic acid hydrate	Skin Corr. 1B; H314 Eye Dam. 1; H318			

SECTI	ON 4 FIRST AID MEASURES			
4.1.	Description of first aid mea	res		
	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.	t	
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water and soap. Seek medical assistance if the symptoms of irritatio remain.	n	
	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 a	er: Treat symptomatically.		
4.2.	Most important symptoms	d effects, both acute and delayed		
	Following inhalation:	According to our findings, chemical, physical and toxicological properties the substance have not been entirely tested.	; of	
	Following skin contact:	According to our findings, chemical, physical and toxicological properties the substance have not been entirely tested.	; of	



Page 3 of 16

Trading name: Product code: FVK1-OT-X**		PHOSPHOTUNGSTIC ACID, 1% SOLUTION				
		FVK1-OT-X**	Date of compilation: 21 Dec 2022 Version: 2			
	Following eye contact: Following ingestion:		According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested. According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.			
4.3.	3. Indication of any immediate		medical attention and special treatment needed			
	-					

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

SECTIO	ON 6 ACCIDENTAL RELEASE M	EASURES	
6.1.	Personal precautions, protect	ive equipment and emergency procedures	
6.1.1.	For non-emergency personne	۱	
	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 (s	see Section 8).	
6.2.	Environmental precautions:		
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact Protection and Rescue Directorate (NPRD) on 112.		
6.3.	Methods and material for containment and cleaning up		
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.	



Page 4 of 16

Trading name:Product code:FVK1-OT-X**			PHOSPHOTUNGSTIC ACID, 1% SOLUTION
		FVK1-OT-X**	Date of compilation: 21 Dec 2022 Version: 2
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 inf	ormation:	-
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:	Keep away from sources of heat and ignition. 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:	-		
7.1.2.	Advice on general occupational hygiene:			
	Do not eat, drink or smoke in the workspace. Th	oroughly wash hands after work and before eating.		
7.2.	. Conditions for safe storage, including any incompatibilities			
	Technical measures and storage conditions:	Keep in tightly closed and upright set containers in a well ventilated storage rooms, and away from sources of heat, sunlight, and other incompatible substances.		
	Packaging materials:	Manufacturer's original packaging.		
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.		
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.		
	Further information on storage conditions:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 9).		
7.3.	Specific end use(s)			
	Recommendations:	-		
	Industrial sector specific solutions:	-		



Page 5 of 16

Trading name:	PHOSPHOTUNGSTIC ACID, 1% SOLUTION			
Product code:	FVK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 2

8.1. Control par	ameters						
Substance					exposure limit t term values	Biological limit values	
				ppm	mg/m ³		
-		-		-	-	No information available	
Substance _							
EC No: -		CAS No:	-				
DNEL			i .				
				Industrial			
Route of exposure:		Acute ect local	effe	Acute ect systemic	Chronic effect loca	Chronic al effect systemic	
Oral	-		-		-	-	
Inhalation	-		-		-	-	
Dermal	-		-		-	-	
Critical physical para	meters: s	solubility, flan	nmabili	ty, corrosivity:	-		
				Consumer			
Route of exposure:		Acute ect local	effe	Acute ect systemic	Chronic effect loca	Chronic effect systemic	
Oral	-		-		-	-	
Inhalation	-		-		-	-	
Dermal	-		-		-	-	
PNEC							
Environmental prote	ction tar	get		PNEC			
Fresh water				No info	rmation availab	le	
Freshwater sediment	S			No info	No information available		
Marine water					No information available		
Marine sediments				No info	No information available		
Food chain				No info	No information available		
Microorganisms in sewage treatment				No info	rmation availab	le	
Soil (agricultural)				No info	rmation availab	le	
Air				No info	No information available		



Page 6 of 16

Trading name:	PHOSPHOTUNGSTIC ACID, 1% SOLUTION			
Product code:	FVK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 2

8.2.	Exposure controls					
8.2.1.	Engineering measures					
	Substance/mixture related measures to prevent 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 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 pro exposure:	event	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.			
8.2.2.	Personal protection equip	oment				
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (preventing splashing) (EN 166) visor.				
8.2.2.2.	Skin protection					
	Hand protection:		tive gloves must be according to the EU Directive 2016/425/EEC and and EN 374. Glove material: nitrile rubber Glove thickness: ≥0.50 mm Break through time: >480 min			
	Other skin protection:		antistatic clothing made of natural fibers (such as cotton) with long s (EN 13034), and shoes that cover the entire foot (EN 10335).			
8.2.2.3.	Respiratory protection:	filter fo	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 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 pro exposure:	event	See Section 6			

SECTIO	SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES			
9.1.	.1. Information on basic physical and chemical properties			
		Value	Method	



Page 7 of 16

Trading name:	PHOSPHOTUNGSTIC ACID, 1% SOLUTION				
Product code:	FVK1-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

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

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

SECTIO	N 11 TOXICOLOGICAL INFORMATION
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008
	Acute toxicity:



Page 8 of 16

Trading name:	PHOSPHOTUNGSTIC ACID, 1% SOLUTION								
Product code:	FVK1-OT-X**	Date of compilation: 21 D	Dec 2022 Version: 2						
		Effective dose							

Route of exposure:	Method Species [])so/[(so or Expo		Exposure time	e Results		
Oral exposure:	No information available	_	LD ₅₀	_	-	
Dermal exposure:	No information available	-	LD ₅₀	-	-	
Inhalation exposure:	No information available	-	LC ₅₀	-	-	
Specific tar	get organ toxicity – si	ingle exposure (STOT SE):			
÷	Specif	ic effects	Target or	gan	Note	
Oral exposure:	No information		No information available	-		
Dermal exposure:	No information	available	No information available	n _		
Inhalation exposure:	No information	available	ailable No information available		-	
Respiratory Irritation ar	nd corrosion		ï	1 1		
	Exposure time	Species	Evaluatio	n Met hod	Note	
Skin irritation:	-	-	-	-	-	
Eye irritation:	-	-	-	_	-	
Sensitizatio	n					
Dermal exposure:	No information avail	lable				
Inhalation exposure:	No information avail	lable				
Symptoms	related to the physica	al, chemical and	toxicological charac	teristics		
Oral exposure:	No information av					
-						
Dermal exposure:	No information av	valiable				
Dermal exposure: Inhalation exposure:						



PHOSPHOTUNGSTIC ACID, 1% SOLUTION

Page 9 of 16

Trading name:	
Product code:	FVK1-OT-X**

Date of compilation: 21 Dec 2022

Version: 2

Repeate	ed dose t	toxicity (sub	acute, subchro	onic, chron	ic)				
	Γ	Dose	Exposure time	Species		Method	Evaluatio	n	Note
Subacute oral	No ir availat	nformation ble	No information available	No informati available		No information available	No informatio available	on	-
Subacute dermal	No ir availat	nformation ble	No information available	No informati available		No information available	No informatio available	on	-
Subacute inhalation	No ir availat	nformation ble	No information available	No informati available		No information available	No informatio available	on	-
Subchronic oral	No ir availat	nformation ble	No information available	No informati available		No information available	No informatio available	on	-
Subchronic dermal			No information available	No informati available		No information available			-
Subchronic inhalation	No information available		No information available	No informati available		No information available	No informatio available	on	-
Chronic oral	No information available		No information available	No informati available		No information available	No informatio available	on	_
Chronic dermal	No ir availat	nformation ble	No information available	No informati available		No information available	No informatio available	on	_
Chronic inhalation	No ir availat	nformation ble	No information available	No informati available	-	No information available	No informatio available	on	-
Specific	target o	-	y – repeated e	xposure (S	TOT F				
			pecific effects			Target orga			Note
Subacute oral			tion available		1	nformation avai		-	
Subacute derma			tion available			nformation avai		-	
		tion available		No information available			-		
Subchronic oral			tion available			nformation avai		-	
Subchronic derm			tion available			nformation avai		-	
Subchronic inhal	ation		tion available			nformation avai		-	
Chronic oral		No informa	tion available		No i	nformation avai	lable	-	



Page 10 of 16

							Page 100						
Tradir	ng name:		PH	PHOSPHOTUNGSTIC ACID, 1% SOLUTION									
Produ	Product code: FVK1-OT-X**			Date of co	ompilation:	21 Dec 2022	Version:	2					
Chron	ic dermal	No inform	ation availa	able	No inforn	nation available	-						
Chron	ic inhalation	No inform	nation availa	able	No inforn	nation available	-						
	CMR effec	cts (carcinogenic	ty, mutagei	nicity, reproc	ductive toxicit	y)							
	Carcinogenicity:		Base	Based on available data, the classification criteria are not met.									
	Mutageni	city <i>in-vitro:</i>	Base	Based on available data, the classification criteria are not met.									
	Genotoxic	tity:	Base	Based on available data, the classification criteria are not met.									
	Mutageni	city <i>in-vivo</i> :	Base	Based on available data, the classification criteria are not met.									
	Germ cell	mutagenicity:	Base	Based on available data, the classification criteria are not met.									
	Reproduc	tive toxicity:	Base	Based on available data, the classification criteria are not met.									
			i										
	Summary	of evaluation of	the CMR pr	operties:	_								
	<u>-</u>			L.									
11.2	Informatio	on on other haza	rds [.]										
	inonucio												

11.2	Information on other hazards:
11.2.1.	Endocrine disrupting properties:
	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
11.2.2.	Other informations:
	-

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	-	-			



Page 11 of 16

Trading name:	PHOSPHOTUNGSTIC ACID, 1% SOLUTION						
Product code:	FVK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 2			

Microorganisms	LC ₅₀	72 hours	-	-	_	-
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	-					

Biodegradation

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

12.3. Bioaccumulative potential

Partition coefficient: n-octano	ol/water (log Kow):
---------------------------------	---------------------

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



Page 12 of 16

Trading name:	PHOSPHOTUNGSTIC ACID, 1% SOLUTION				
Product code:	FVK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 2	

	Bioconce	entratio	n factor (BCF)							
١	Value		Species		Method Evaluatio		Evaluation		Note	9
No information No informa available available		ation	ation No information available		No information available		No information available			
	Chronic	ecotoxic	city							
	Value		Dose		osure ime	Species	Method		Evaluation	Note
Chroni	c toxicity o	on fish	LC ₅₀	No infor availa	mation i	No information available	No information available	1	o information ailable	-
	c toxicity o cea (<i>Daphn</i>		EC ₅₀	No infor availa	mation i	No information available	No information available		o information ailable	-
	INO INTOR									
	No infor	•	ted distributi							
	Surface t	tension:	°C	C	oncentratio	on	Method		Not	e
	Surface 1	tension: e N tion ii		No	oncentratio informatio ilable		ormation		- Not	e
	Surface t Value No informat	tension: e N ion in e a	°C Io nformation vailable sorption	No	informatio	on No inf	ormation			e
Transp	Surface t Value No informat available Adsorpti	tension: e N cion in e a ion / des	°C lo nformation vailable	No ava	informatio	on No inf availal	ormation			e Note
Transp Soil-wa	Surface t Value No informat available Adsorpti	tension: e N ion in e a ion / des A/D co Henry's	°C Io nformation vailable sorption efficient	No ava	informatio ilable og Kow	on No inf availal Evap	ormation ble		-	
	Surface t Value No informat available Adsorpti ort ater No ava	tension: e N ion in e a ion / des A/D co Henry's ilable	°C Io nformation vailable sorption efficient constant	No ava lc No ir availa	information ilable og Kow aformation able	on No inf availal Evap	Formation ble		- Method No information	



Page 13 of 16

	g name:	PHOSPHOTUNGSTIC ACID, 1% SOLUTION						
Produc	t code:	FVK1-OT-X**Date of compilation:21 Dec 2022Version:2						
10 F	Desults of							
12.5.		PBT and vPvB assess		ad to have and arin	a discusting properties			
			t contain components consider f) or Commission Delegated rec					
	-		rels of 0.1% or higher.	,				
12.6.	Endocrine	disrupting properties	5					
			t contain components consider					
			f) or Commission Delegated reg	gulation (EU) 2017/2	100 or Commission			
	Regulation	1 (EU) 2016/605 at lev	els of 0.1% or higher.					
12.7.	Otherady	erse effects						
12.1.		ation available						
	NO INFORM	ation available						
SECTION			ONE					
13.1.		DSAL CONSIDERATIO						
15.1.	waste tr	eatment methods						
13.1.1.	Product/	Packaging disposal:						
		or disposal to the leg	al person authorized by the Mi	nistry of Environmer	ntal and Nature			
	Trotectic	<u>, , , , , , , , , , , , , , , , , , , </u>						
13.1.2.	Waste co	odes/waste designatio	ons according to Law:					
13.1.2.		odes/waste designatio mation available	ons according to Law:					
13.1.2.		5	ons according to Law:					
13.1.2.	No infor	5						
	No infor Waste tr	mation available						
	No infor Waste tr	mation available eatment – relevant in						
	No infor Waste tr No infor	mation available eatment – relevant in	formation:					
13.1.3.	No infor Waste tr No infor Sewage	mation available eatment – relevant in mation available disposal – relevant in	formation:					
13.1.3.	No infor Waste tr No infor Sewage	mation available eatment – relevant in mation available disposal – relevant in	formation: formation:					
13.1.3.	No infor Waste tr No infor Sewage Waste m	mation available eatment – relevant in mation available disposal – relevant in	formation: formation: of into the sewage system.					
13.1.3. 13.1.4.	No infor Waste tr No infor Sewage Waste m Other di	mation available eatment – relevant in mation available disposal – relevant in ust not be disposed o sposal recommendati	formation: formation: of into the sewage system.	tem. Submit the ren	nains to the collectors			
13.1.3. 13.1.4.	No infor Waste tr No infor Sewage Waste m Other di Do not c authoriz	mation available eatment – relevant in mation available disposal – relevant in sust not be disposed of sposal recommendati lispose of the product	formation: formation: of into the sewage system. ions: t's remains into the sewage sys charge. Do not dispose of the p	backaging into the se	ewage system. Submit			
13.1.3. 13.1.4.	No infor Waste tr No infor Sewage Waste m Other di Do not c authorize the pack	mation available eatment – relevant in mation available disposal – relevant in ust not be disposed of sposal recommendati lispose of the product ed by the ministry in of aging to the collector	formation: formation: of into the sewage system. ions: t's remains into the sewage sys	backaging into the se	ewage system. Submit			
13.1.3. 13.1.4.	No infor Waste tr No infor Sewage Waste m Other di Do not c authorize the pack ignition	mation available eatment – relevant in mation available disposal – relevant in sust not be disposed of sposal recommendati lispose of the product	formation: formation: of into the sewage system. ions: t's remains into the sewage sys charge. Do not dispose of the p rs authorized by the ministry in	backaging into the se	ewage system. Submit			



Page 14 of 16

Trading name:		PH	OSPHOTUNGSTIC AC	ID, 1% SOLUTIO	Ν		
Product code:	FVK1-OT-X**		Date of compilation:	21 Dec 2022	Version: 2		
					· · · · ·		
SECTION 14 TRAN	NSPORT INFORMA	TION					
Transport	ing/shipment by roa						
UN number:		No	t subject to transport regu	ulations.			
UN proper shippin	g name:	-					
Transport hazard c	lass(es):	-					
Packing group:		-					
Environmentally ha	azardous:	-					
Special precaution	s for user:	-					
Transport	ing/shipment by rail	(RID)					
UN number:		Not	t subject to transport regu	ulations.			
UN proper shippin	g name:	-					
Transport hazard c	lass(es):	-					
Packing group:		-					
Environmentally ha		-					
Special precaution	s for user:	-					
	terway transport (AI	Ī					
UN number:		No	t subject to transport regu	ulations.			
UN proper shippin		-					
Transport hazard c	lass(es):	-					
Packing group:		-					
Environmentally ha		-					
Special precaution		-					
•	ing/shipment by sea						
UN number:		No	t subject to transport regu	ulations.			
UN proper shippin		-					
Transport hazard c	lass(es):	-					
Packing group:		-	-				
Environmentally ha		-	-				
Special precaution		-					
•	ing/shipment by air	-					
UN number:		No	t subject to transport regu	ulations.			
UN proper shippin		-					
Transport hazard c	lass(es):	-					
Packing group:		-					
Environmentally ha	azardous:	-					



Page 15 of 16

Trading name:	PHOSPHOTUNGSTIC ACID, 1% SOLUTION			
Product code:	FVK1-OT-X**	Date of compilation:	21 Dec 2022	Version: 2
Special precaution	ns for user:	-		
Further information	on: -			

SECTION 15 REGULATORY INFORMATION Safety, health and environmental regulations/legislation specific for the substance or mixture 15.1. EU regulations Authorization and/or restrictions of use Authorizations: **Restrictions:** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (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 Other EU regulations: 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 (VOCguideline) 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 National legislation: 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

SECTIC	N 16 Other information	
16.1.	Indication of changes:	-



Page 16 of 16

Tradin	ig name:		PHOSPHOTUNGSTIC ACID, 1% SOLUTION					
Produ	ct code:	FVK1-OT-X**	Date of compilation: 21 Dec 2022 Version: 2					
16.2.	Abbreviat	ions 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 literat source of	ture references and data:	-					
16.4.	Classificat 1272/200	•	sed to derive the classification for mixture according to Regulation (EC)					
Classifi	ication	(Classification procedure					
-		-						
16.5.	Relevant	H statements (numbe	er and full text)					
	H: 314 318		Causes severe skin burns and eye damage. Causes serious eye damage.					
16.6.	Training a	dvice: -	-					
16.7.	Further in	t formation: N i	* "X" in the product code marks different volumes (different packagings he product) We are not responsible for consequences in case of failure to comply with nstructions for use or improper use of the product described in this naterial safety data sheet.					

ANNEX:

Exposure scenario resulting to Chemical safety assessment

-



Page 1 of 16

Trading name:	PONCEAU S, SOLUTION				
Product code:	PONS-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

SECTI	ON 1 IDENTIFICATION O	OF THE SUB	STANCE/M	IXTURE AND OF THE COMPANY/UNDERTAKING		
1.1.	Product identifier					
	Trading name:	PONCEAU	s, solutio	N		
	Chemical name:	-	-			
	Catalogue number:	PONS-OT-	X**			
1.2.	Relevant identified use	s of the sub	stance or mi	xture and uses advised against		
	Uses:		For used	with Martius Scarlet Blue kit.		
	Uses advised against:		Only the	identified uses are advised.		
	Reason why uses advised against: medica		medical d	The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes		
1.3.	Details of the supplier	of the safety	data sheet			
	Supplier:	В	BioGnost Ltd.			
	Address:	Ν	Medjugorska 59, Zagreb			
	Telephone number:	+	+385 1 2409997			
	Fax no.:	+	+385 1 2404039			
	e-mail of competent p	erson: <u>n</u>	msds@biognost.hr			
	National contact:	-	-			
1.4.	Emergency telephone	number				
	National Protection an	d Rescue Dii	rectorate:	112		
	Medical information:			+385 1 2348 342		
	Other information:			-		

SECTIO	N 2 HAZARDS INFORMATION			
2.1.	Classification of the substance or	mixture		
2.1.1.	Classification (REGULATION (EC) N	lo. 1272/2008	(CLP)	
	Hazard class and category	code:		Hazard statements*:
	Not identified as hazardous subst	ance.	-	
2.1.2.	Additional information			
	-			
*For full	text of Hazard- and EU Hazard-sta	tements: see S	ection 16	
2.2.	Classification according to EC Dire	ective Nr. 1272/	/2008 CLP)	
	Product identification:	PONCEAU S,	SOLUTION	
	Identification number:	-		
	Authorization no.:	-		
	Hazard pictograms:	-		



Page 2 of 16

Trading name:		PONCEAU S, SO	LUTION	
Product code:	PONS-OT-X**	Date of compilation:	21 Dec 2022	Version: 2

	Signal word:	-
	Hazard statements:	-
	Precautionary statements:	-
	Further information:	-
2.3.	Other hazards	
	Endocrine Disrupting Prope	rties:
	No known endocrine disruptir	ng properties

SECTION 3 CO	MPOSITION/INFO	RMATION ON INGR	EDIENTS	
CAS/ EC/ Index no.	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
-	-	-	Contains no hazardous substances	-

4.1.	Description of first aid mea	ures
	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	ider: Treat symptomatically.
4.2.	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 toxicological properties of the substance have not been entirely tested.



Page 3 of 16

Trading name:			PONCEAU S, SOLUTION						
Product code: PONS-OT-X** Date of compilation: 21 Dec 2022		Version:	2						
	Following eye contact:According to our findings, chemical, physical and toxicological the substance have not been entirely tested.Following ingestion:According to our findings, chemical, physical and toxicological the substance have not been entirely tested.		<u> </u>						
4.3.	Indication	of any immediate n	nedical attention and special treat	tment needed					
	-								

SECTIC	ON 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 su	ubstance or mixture
	Hazardous combustion products:	No information available
5.3.	Advice for firefighters	
	Use a self-contained open-circuit of Cool closed containers exposed to	compressed air breathing apparatus and fireproof clothing. fire with water spray or vapor.
5.4.	Additional information	
	Remove sources of heat and igniti Do not contaminate the environme	

SECTIC	ON 6 ACCIDENTAL RELEASE M	EASURES	
6.1.	Personal precautions, protection	ve equipment and emergency procedures	
6.1.1.	For non-emergency personne	1	
	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 (s	ee 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 brate (NPRD) on 112.	
6.3.	Methods and material for con	tainment and cleaning up	
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.	



Page 4 of 16

Tradin	ig name:			PONCEAU S, SC	DLUTION		
Produ	ct code:	PONS-OT-X**	Date of compilation: 21 Dec 2022			Version:	2
6.3.2.	Cleaning	up:	materi in tigh ventila persor Protec	possible, the substance of al (sand, diatomaceous ea tly closed impermeable co ted storage rooms until d as authorized by the Minis tion. After disposal of the als with water.	arth, vermiculite). Pla ontainers. Store the lisposal. Submit for stry of Environmenta	ace the waste substance in disposal to th al and Nature	material well e legal
6.3.3.	Other info	ormation:	-				
6.4.	Reference	to other sections					
	-						

7.1.	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:	Keep away from sources of heat and ignition. Do not smoke.			
	Measures to prevent aerosol and dust generation	on: Secure proper ventilation.			
Measures to protect the environment:		Prevent spilling into the sewage system and waterways.			
	Other measures:	-			
7.1.2.	Advice on general occupational hygiene:				
	Do not eat, drink or smoke in the workspace. Thoroughly 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 wel ventilated storage rooms, and away from sources of heat sunlight, and other incompatible substances.			
	Packaging materials:	Manufacturer's original packaging.			
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.			
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.			
	Further information on storage conditions:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 9).			
7.3.	Specific end use(s)				
	Recommendations:	-			
	Industrial sector specific solutions:	-			



Page 5 of 16

Trading name:		PONCEAU S, SO	LUTION		
Product code:	PONS-OT-X**	Date of compilation:	21 Dec 2022	Version:	2

8.1. Control para	ameters						
Substance					exposure limit t term values	Biological limit values	
				ppm	mg/m ³		
-		-		-	-	No information available	
Substance _							
EC No: -		CAS No:	-				
DNEL		1	,				
				Industrial			
Route of exposure:		Acute ect local	effe	Acute ect systemic	Chronic effect loca	Chronic al effect systemic	
Oral	-		-		-	-	
Inhalation	-		-		-	-	
Dermal	-		-		-	-	
Critical physical para	meters: s	olubility, flar	nmabili	ty, corrosivity:	-		
				Consumer			
Route of exposure:		Acute ect local	effe	Acute ect systemic	Chronic effect loca	Chronic effect systemic	
Oral	-		-		-	-	
Inhalation	-		-		-	-	
Dermal	-		-		-	-	
PNEC							
Environmental prote	ction tar	get		PNEC	PNEC		
Fresh water				No info	rmation availab	le	
Freshwater sediment	S			No info	No information available		
Marine water				No info	No information available		
Marine sediments				No info	rmation availab	le	
Food chain			No info	No information available			
Microorganisms in se	ewage tr	eatment		No info	rmation availab	le	
Soil (agricultural)				No info	rmation availab	le	
Air				No info	No information available		



Page 6 of 16

Trading name:	PONCEAU S, SOLUTION						
Product code:	PONS-OT-X**	Date of compilation:	21 Dec 2022	Version: 2			

8.2.	Exposure controls					
8.2.1.	Engineering measures					
	Substance/mixture related measures to prevent 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 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	oment				
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (preventing splashing) (EN 166) visor.				
8.2.2.2.	Skin protection					
	Hand protection:		tive gloves must be according to the EU Directive 2016/425/EEC and and EN 374. Glove material: nitrile rubber Glove thickness: ≥0.50 mm Break through time: >480 min			
	Other skin protection:		r antistatic clothing made of natural fibers (such as cotton) with long res (EN 13034), and shoes that cover the entire foot (EN 10335).			
8.2.2.3.	Respiratory protection:	filter f	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 exposure:		See Section 6			
	Structural measures to prevent exposure:		Use modern equipment.			
	Organisational measures prevent exposure:	to	Adapt the work process to the required working conditions of the workplace.			
	Technical measures to pro exposure:	event	See Section 6			

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES				
9.1.	Information on basic physical and chen	nical properties		
		Value	Method	



Page 7 of 16

Trading name:	PONCEAU S, SOLUTION						
Product code:	PONS-OT-X**	Date of compilation:	21 Dec 2022	Version: 2			

	Physical state:	liquid	No information available
	Colour:	dark red	No information available
	Odour/odour threshold:	mild acetic acid like/no information available	No information available
	Melting point / freezing point:	No information available	No information available
	Boiling point or initial boiling point and boiling range:	No information available	No information available
	Flammability:	No information available	No information available
	Lover and upper explosion limit:	No information available	No information available
	Flash point:	No information available	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	pH:	2.2 -3.2	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
9.2.	Other information		

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

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



Page 8 of 16

Trading name:	PONCEAU S, SOLUTION					
Product code:	PONS-OT-X**	Date of compilation:	21 Dec 2022	Version: 2		

Route of exposure:	Method	Species	Effective dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	Results	
Oral exposure:	No information available	-	LD ₅₀	-	-	
Dermal exposure:	No information available	-	LD ₅₀	-	-	
Inhalation exposure:	No information available	-	LC ₅₀	-	-	
0.10.1		• • • • •				
Specific ta	rget organ toxicity –	single exposure (STOT SE):			
Specific effect			Target org	an	Note	
Oral exposure:	No informatior	available	No informatior available	ן -		
Dermal exposure:	No informatior	available	No informatior available	ו -		
Inhalation exposure	e: No information	available	No informatior available	No information		
Respirator	y irritation:	No infor	rmation available			
Irritation a	nd corrosion					
	Exposure time	species	Evaluatio	n Met hod	Note	
Skin irritation:	-	-	-		-	
Eye irritation:	-	_	_			

Sensitization					
Dermal exposure:	No information available				
nhalation exposure: No information available					
Symptoms	related to the physical, chemical and toxicological characteristics				
Oral exposure:	No information available				
Dermal exposure:	No information available				
Inhalation exposure:	No information available				
minalation exposure.					



PONS-OT-X**

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

Page 9 of 16

Trading name: Product code:

Date of compilation: 21 Dec 2022

PONCEAU S, SOLUTION

Version: 2

	Dose	Exposure time	Species	Method	Evaluatior	n Note
Subacute oral	No information available	No information available	No informatio available	No information available	No informatic available	on -
Subacute dermal	No information available	No No information informati available available		No information available	No informatic available	on -
Subacute inhalation	No information available	No information available	No informatio available	No information available	No informatic available	on -
Subchronic oral	No information available	No information available	No informatio available	No information available	No informatic available	on -
Subchronic dermal	No information available	No information available	No informatio available	on information informa available availabl		on -
Subchronic inhalation	No information available	No information available	No informatio available	No information available	No informatic available	on -
Chronic oral	No information available	No information available	No informatio available	No information available	No informatic available	on -
Chronic dermal	No information available	No information available	No informatio available	No information available	No informatic available	on -
Chronic inhalation	No information available	No information available	No informatio available	No information available	No informatic available	on -
C : : : : : : : : : : : :						
specific	target organ toxici	pecific effects	xposure (ST	Target org	an	Note
Subacute oral		ation available		No information ava		-
Subacute dermal		ation available		No information ava		-
Subacute inhalat		ation available		No information ava		-
Subchronic oral		ation available		No information ava		-
Subchronic derm		ation available		No information ava		-
Subchronic inhal	ation No inform	ation available		No information ava	ilable	-
Chronic oral	No inform	ation available		No information ava	ilable	-



				, ,			Page 10 d	of 16
Trading	g name:			PONCEAU S, SOLUTION				
Produc	Product code: PONS-OT-X**			Date of co	mpilation:	21 Dec 2022	Version:	2
Chronic	Chronic dermal No informatic			ble	No inform	nation available	-	
Chronic	Chronic inhalation No informatio		on availa	ble	No inform	nation available	-	
	Carcinoge Mutageni Genotoxic Mutageni Germ cell	city in-vitro:	Based Based Based Based Based	on available on available on available on available on available	e data, the cl e data, the cl e data, the cl e data, the cl e data, the cl	y) assification criteria assification criteria assification criteria assification criteria assification criteria	are not met. are not met. are not met. are not met.	
	Summary	of evaluation of the	e CMR pro	operties:	-			
11.2	Informatio	on on other hazards	:					
11.2.1.	Endocrine	e disrupting properti	ies:					
	contain have end according Commissi 2017/210	ostance/mixture d components consi locrine disrupting to REACH Article on Delegated regul 0 or Commission I 8/605 at levels of	propertie e 57(f) c lation (El Regulatio	o es or J)				
11.2.2.	Other info	ormations:						
	-							

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	-	-			



Page 11 of 16

Trading name:	PONCEAU S, SOLUTION						
Product code:	PONS-OT-X**	Date of compilation:	21 Dec 2022	Version:	2		

Microorganisms	LC ₅₀	72 hours	-	-	-	-
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	-			

Biodegradation

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

12.3. Bioaccumulative potential

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



Page 12 of 16

Trading name:	PONCEAU S, SOLUTION					
Product code:	PONS-OT-X**	Date of compilation:	21 Dec 2022	Version: 2		

	Dioconico	entratior	n factor (BCF)		í.		1			
١	Value		Species		Me	ethod	Evaluation		Note	
	o information No inform vailable available		ation	tion No information available		No information available		No information available		
	Chronic	ecotoxic	ity				5			
	Value		Dose		ime	Species	Method		Evaluation	Note
Chroni	ic toxicity c	on fish	LC ₅₀	No infor availa	mation i	No nformation available	No information available	-	o information ailable	-
	ic toxicity c cea (<i>Daphn</i>		EC ₅₀	No infor availa	mation i	No nformation available	No information available	1	information ailable	-
	Surface	tonsion.								
									1	
	Value No informat	e N tion ir	°C lo nformation	No	oncentratio informatic		Method formation		- Not	e
	No	e N tion ir	lo	No	informatio	on No inf	ormation			e
	No informat	e N cion ir e a	lo nformation vailable	No	informatio	on No inf	ormation			ie
Transp	No informat available Adsorpti	e N ion ir e a ion / des	lo nformation vailable	No ava	informatio	on No inf availal	ormation			Note
Transp Soil-wa	No informat available Adsorpti port	e N cion ir e a ion / des A/D coe Henry's	lo nformation vailable sorption efficient	No ava	informatic ilable og Kow	on No inf availat Evap	ormation ble		-	
	Adsorpti available	e N cion ir e a ion / des A/D coe Henry's	lo nformation vailable sorption efficient constant	No ava lc No ir availa	informatic ilable og Kow nformation able	on No inf availat Evap No inform	ormation ole		- Method No information	



Page 13 of 16

12.6. En Ac 12.6. En Ac Re	esults of I the substation egulation indocrine the substation	to REACH Article 57(f) (EU) 2018/605 at leve disrupting properties nce/mixture does not	contain components considere or Commission Delegated reg			
12.6. En Ac 12.6. En Th ac Re	e substa cording gulation docrine e substa cording	nce/mixture does not to REACH Article 57(f) (EU) 2018/605 at leve disrupting properties nce/mixture does not	contain components considere or Commission Delegated reg			
ac Re 12.6. En Th ac Re	cording t egulation docrine te substa cording t	to REACH Article 57(f) (EU) 2018/605 at leve disrupting properties nce/mixture does not	or Commission Delegated reg			
Th ac Re	e substa cording	nce/mixture does not				
Th ac Re	e substa cording	nce/mixture does not				
12.7. Ot		(EU) 2018/605 at leve	contain components considere or Commission Delegated reg els of 0.1% or higher.			
	ther adve	erse effects				
No	o informa	ation available				
SECTION 1		SAL CONSIDERATIO	INS			
		eatment methods				
13.1.1.	Product/	Packaging disposal:				
	Submit fo Protectio		al person authorized by the Mir	nistry of Environmer	ntal and Nature	
13.1.2.	Waste co	des/waste designatio	ns according to Law:			
	No inforr	nation available				
13.1.3.	Waste tre	eatment – relevant inf	ormation:			
	No inforr	mation available				
13.1.4.		disposal – relevant inf	ormation:			
			of into the sewage system.			
13.1.5.	Other dis	posal recommendation	ons:			
1	authorize the packa	ed 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. Su	ıbmit
13.1.6. I	Relevant	Community provisior	ns:			



Page 14 of 16

Trading name:	PONCEAU S, SOLUTION
Product code: PONS-OT-X*	** Date of compilation: 21 Dec 2022 Version: 2
SECTION 14 TRANSPORT INFOR	MATION
Transporting/shipment by	/ road (ADR)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by	/ rail (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	t (ADN)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by	/ sea (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 (ICAO-TI/IATA-DGR)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	-



-

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

Page 15 of 16

Trading name:	PONCEAU S, SOLUTION						
Product code:	PONS-OT-X**	Date of compilation:	21 Dec 2022	Version: 2			
Special precautions	for user:	-					

Further information:

15.1.	DN 15 REGULATORY INFORMATION Safety, health and environmental regulations/legislation specific for the substance or mixture		
	EU regulations		
	Authorization and/or restrictions 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 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work; Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII); 	
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC- guideline)		
	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act	
15.2.	2. Chemical safety assessment		
	None		

SECTION 16 Other information					
16.1.	Indication of changes:	-			



Page 16 of 16

Trading name:			Page 16 OF 16 PONCEAU S, SOLUTION			
Product code:		PONS-OT-X**	Date of compilation: 21 Dec 2022 Version: 2			
16.2.	Abbreviati	ons 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			
16.3.	Key literat source of	ure references and data:	-			
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)					
Classifi	Classification		Classification procedure			
_			-			
16.5.	Relevant H statements (number and full text)					
	H: -		-			
16.6.	Training a	dvice:	-			
16.7.	Further inf	** "X" in the product code marks different volumes (different packagings of the product)formation: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