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Trading name:	TOLUIDINE BLUE, SOLUTION				
Product code:	TB-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

1.1.	Product identifier				
	Trading name:	TOLUIDINE BLUE, SOL	UTION		
	Chemical name:	-			
	Catalogue number:	TB-OT-X**			
1.2.	Relevant identified uses	of the substance or m	ixture and uses advised against		
	Uses:		For nuclear staining and metachromatic staining of mastocytes in connective tissues.		
	Uses advised against:	Only the ide	ntified uses are advised.		
	Reason why uses advise against:	device, regis	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:	BioGnost Ltd	BioGnost Ltd.		
	Address:	Medjugorska	Medjugorska 59, Zagreb		
	Telephone number:	+385 1 2409	+385 1 2409997		
	Fax no.:	+385 1 2404	+385 1 2404039		
	e-mail of competent pe	rson: <u>msds@biog</u> r	msds@biognost.hr		
	National contact:	-	-		
1.4.	Emergency telephone n	Emergency telephone number			
	National Protection and	Rescue Directorate:	112		
	Medical information:		+385 1 2348 342		
	Other information:		-		

SECTIO	N 2. Hazards identification				
2.1.	Classification of the substance or r	mixture			
2.1.1.	Classification according to Regulat	tion (EC) No 12	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	ection 16		
2.2.	Label elements				
	Product identification:	TOLUIDINE BL	LUE, SOLUTION		
	Identification number: -				
	Authorization no.:	-			



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

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	CTION 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 aide	er: Treat symptomatically.			
4.2.	Most important symptoms and	d effects, both acute and delayed			
	FOILOWING INNALATION.	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.			
	FOILOWING EVID CONTACT.	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.			



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		eye contact: ingestion:	According to our findings, chemical, physical and toxicological properti the substance have not been entirely tested. According to our findings, chemical, physical and toxicological properti the substance have not been entirely tested.		-	
4.3.	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 su	ubstance or mixture			
	Hazardous combustion products:	No information available			
5.3.	Advice for firefighters				
	Use a self-contained open-circuit compressed air breathing apparatus and fireproof clothing. Cool closed containers exposed to fire with water spray or vapor.				
5.4.	Additional information				
	Remove sources of heat and igniti Do not contaminate the environm				

SECTIC	SECTION 6. Accidental release measures			
6.1.	Personal precautions, protective equipment and emergency procedures			
6.1.1.	For non-emergency personne	l		
	Protective equipment:	Use personal protective equipment (see Section 8).		
	Accident prevention methods:Evacuate members of all non-essential personnel and members without protective equipment. Remove all so sparks and ignition. Do not smoke.			
	Emergency procedures: Mark the area using proper signs.			
6.1.2.	For emergency responders:			
	Wear protective equipment (see Section 8).			
6.2.	Environmental precautions:			
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.			
6.3.	Methods and material for containment and cleaning up			
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.		



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6.3.2.	Cleaning	up:	Where possible, the substance ca material (sand, diatomaceous ea in tightly closed impermeable co ventilated storage rooms until di persons authorized by the Minist Protection. After disposal of the materials with water.	rth, vermiculite). Plantainers. Store the isposal. Submit for try of Environmenta	ace the waste material substance in well disposal to the legal al and Nature	

		materials with water.
6.3.3.	Other information:	-
6.4.	Reference to other sections	
	-	

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



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8.1. Control pa	arameters						
Substance		CAS	No		al exposure limit rt term values	Biological limit values	
				ppm	mg/m ³		
-		-		-	-	No information available	
Substance							
EC No: -		CAS No:	-				
DNEL		I	1				
				Industrial			
Route of exposure:		Acute ect local	effe	Acute ect systemic	Chronic effect local	Chronic effect systemic	
Oral	-		-		-	-	
Inhalation	-		-		-	-	
Dermal	-		-		-	-	
Critical physical pa	rameters:	solubility, fla	ammabili	ty, corrosivity:	_		
				Consumer			
Route of exposure:		Acute ect local	effe	Acute ect systemic	Chronic effect local	Chronic effect systemic	
Oral	-		-		-	-	
Inhalation	-		-		-	-	
Dermal	-		-		-	-	
PNEC							
Environmental pro-	ection tar	get		PNEC	PNEC		
Fresh water				No info	No information available		
Freshwater sedime	nts			No info	No information available		
Marine water				No info	No information available		
Marine sediments				No info	No information available		
Food chain				No info	No information available		
Microorganisms in sewage treatment				No info	rmation available		
Soil (agricultural)				No info	No information available		
Air				No info	No information available		



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8.2.	Exposure controls	ols					
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 prexposure:	event	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.				
8.2.2.	Personal protection equip	oment					
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (preventing splashing) (EN 166) ovisor.					
8.2.2.2.	Skin protection						
	Hand protection:		ctive gloves must be according to the EU Directive 2016/425/EEC and ard EN 374. Glove material: nitrile rubber Glove thickness: ≥0.50 mm Break through time: >480 min				
	Other skin protection:		antistatic clothing made of natural fibers (such as cotton) with long (EN 13034), and shoes that cover the entire foot (EN 10335).				
8.2.2.3.	Respiratory protection:	filter f	ctive full face mask (EN 136) or half mask (EN 140) equipped with a for 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	formation 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 pr exposure:	event	See Section 6				

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



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Odour/odour threshold:no information availableNo informationMelting point / freezing point:No information availableNo informationBoiling point or initial boiling point and boiling range:No information availableNo informationFlammability:No information availableNo informationLover and upper explosion limit:No information availableNo informationFlash point:No information availableNo informationAuto-ignition temperature:No information availableNo informationpH:No information availableNo informationpH:No information availableNo informationsolubility:No information availableNo informationpH:No information availableNo informationsolubility:No information availableNo informationPartition coefficient n-octanol/water (log value):No information availableNo informationVapour pressure:No information availableNo informationDensity and/or relative density:No information availableNo informationRelative vapour density:No information availableNo information	ion available
Melting point / freezing point:No information availableNo information availableBoiling point or initial boiling point and boiling range:No information availableNo information availableFlammability:No information availableNo information availableNo information availableLover and upper explosion limit:No information availableNo information availableFlash point:No information availableNo information availableAuto-ignition temperature:No information availableNo information availableDecomposition temperature:No information availableNo information availablepH:No information availableNo information availableKinematic viscosity:No information availableNo information availableSolubility:No information availableNo information availableVapour pressure:No information availableNo information availableVapour pressure:No information availableNo information availableDensity and/or relative density:No information availableNo information availableRelative vapour density:No information availableNo information available	ion available
Boiling point or initial boiling point and boiling range:No information availableNo informatFlammability:No information availableNo informatLover and upper explosion limit:No information availableNo informatFlash point:No information availableNo informatAuto-ignition temperature:No information availableNo informatDecomposition temperature:No information availableNo informatpH:No information availableNo informatSolubility:No information availableNo informatPartition coefficient n-octanol/water (log value):No information availableNo informatVapour pressure:No information availableNo informatDensity and/or relative density:No information availableNo informatRelative vapour density:No information availableNo informat	ion available
and boiling range:No information availableNo informationFlammability:No information availableNo informationLover and upper explosion limit:No information availableNo informationFlash point:No information availableNo informationAuto-ignition temperature:No information availableNo informationDecomposition temperature:No information availableNo informationpH:No information availableNo informationgH:No information availableNo informationvalue:No information availableNo informationSolubility:No information availableNo informationPartition coefficient n-octanol/water (log value):No information availableNo informationVapour pressure:No information availableNo informationNo informationDensity and/or relative density:No information availableNo informationRelative vapour density:No information availableNo information	ion available
Lover and upper explosion limit:No information availableNo informationFlash point:No information availableNo informationAuto-ignition temperature:No information availableNo informationDecomposition temperature:No information availableNo informationpH:No information availableNo informationKinematic viscosity:No information availableNo informationSolubility:No information availableNo informationPartition coefficient n-octanol/water (log value):No information availableNo informationVapour pressure:No information availableNo informationDensity and/or relative density:No information availableNo informationRelative vapour density:No information availableNo information	ion available
Flash point:No information availableNo informationAuto-ignition temperature:No information availableNo informationDecomposition temperature:No information availableNo informationpH:No information availableNo informationKinematic viscosity:No information availableNo informationSolubility:No information availableNo informationPartition coefficient n-octanol/water (log value):No information availableNo informationVapour pressure:No information availableNo informationDensity and/or relative density:No information availableNo informationRelative vapour density:No information availableNo information	ion available
Auto-ignition temperature:No information availableNo informationDecomposition temperature:No information availableNo informationpH:No information availableNo informationKinematic viscosity:No information availableNo informationSolubility:No information availableNo informationPartition coefficient n-octanol/water (log value):No information availableNo informationVapour pressure:No information availableNo informationDensity and/or relative density:No information availableNo informationRelative vapour density:No information availableNo information	ion available
Decomposition temperature:No information availableNo informationpH:No information availableNo informationKinematic viscosity:No information availableNo informationSolubility:No information availableNo informationPartition coefficient n-octanol/water (log value):No information availableNo informationVapour pressure:No information availableNo informationDensity and/or relative density:No information availableNo informationRelative vapour density:No information availableNo information	ion available
pH:No information availableNo informatKinematic viscosity:No information availableNo informatSolubility:No information availableNo informatPartition coefficient n-octanol/water (log value):No information availableNo informatVapour pressure:No information availableNo informatDensity and/or relative density:No information availableNo informatRelative vapour density:No information availableNo informat	ion available
Kinematic viscosity:No information availableNo informatSolubility:No information availableNo informatPartition coefficient n-octanol/water (log value):No information availableNo informatVapour pressure:No information availableNo informatDensity and/or relative density:No information availableNo informatRelative vapour density:No information availableNo informat	ion available
Solubility:No information availableNo informatPartition coefficient n-octanol/water (log value):No information availableNo informatVapour pressure:No information availableNo information availableNo informatDensity and/or relative density:No information availableNo informatRelative vapour density:No information availableNo informat	ion available
Partition coefficient n-octanol/water (log value):No information availableNo informatVapour pressure:No information availableNo informatDensity and/or relative density:No information availableNo informatRelative vapour density:No information availableNo informat	ion available
(log value):No information availableNo informationVapour pressure:No information availableNo informationDensity and/or relative density:No information availableNo informationRelative vapour density:No information availableNo information	ion available
Density and/or relative density:No information availableNo informatRelative vapour density:No information availableNo informat	ion available
Relative vapour density: No information available No informat	ion available
	ion available
Particle characteristics: No information available No informat	ion available
	ion 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			

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



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

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		ł	-	1		1
Route of exposure:	Method Species		Effective LD ₅₀ /LC ₅₀ or		Exposure time	Results
Oral exposure:	No information available	-	LD ₅₀		-	-
Dermal exposure:	No information available	-	LD ₅₀		-	-
Inhalation exposure:	No information available	-	LC ₅₀		-	-
Specific tar	get organ toxicity – s	single exposure	(STOT SE):			
	Specific	effects	Target or	gan		Note
Oral exposure:	No information	available	No information available	n	-	
Dermal exposure:	No information	available	No information available		-	
Inhalation exposure	: No information	available	No information			
Respiratory	virritation:	No info	rmation availab	le		
Irritation ar	nd corrosion					
	Exposure time	Species	Evaluati	on	Meth od	Note
Skin irritation:	-	-	-			
Eye irritation:	-	-	-			
					· · · · ·	
Sensitizatio	n					
Dermal exposure:	No information ava	ilable				
Inhalation exposure:						
Symptoms	related to the physic	al, chemical and	l toxicological cl	naracterist	ics	
Oral exposure: No information available						
Dermal exposure:	No information a	vailable				
Inhalation exposure	: No information a	vailable				
Eye exposure:	No information a	vailable				
	:					
Repeated c	lose toxicity (subacut	e, subchronic, c	hronic)			



Subchronic oral

Chronic oral

Chronic dermal

Subchronic dermal

Subchronic inhalation

No information available

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		Dose	Exposure time	Spe	cies	Method	Evaluation	Note
Subacute oral	No in availa	formation ble	No information available		rmation lable	No information available	No information available	-
Subacute dermal	No in availa	formation ble	No information available		rmation lable	No information available	No information available	-
Subacute inhalation	No in availa	formation ble	No information available		rmation lable	No information available	No information available	-
Subchronic oral	No in availa	formation ble	No information available		rmation lable	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 in availa	formation ble	No information available			No information available	No information available	-
Chronic dermal	No in availa	formation ble	No information available		rmation lable	No information available	No information available	-
Chronic inhalation	No in availa	formation ble	No information available		rmation lable	No information available	No information available	-
Specific	target		ty – repeated e	xposu	ire (STOT			N
Subscuts and		•	ecific effects ation available		No infor	Target organ		Note
Subacute oral Subacute dermal	1		ation available			mation available		-
Subacute derma			ation available			mation available		-

No information available

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Chronic	Chronic inhalation No informa		tion available	No information available	-				
	CMR effects (carcinogenicity	, mutagenicity, r	eproductive toxicity)					
	Carcinogenici	ity:	Based on av	ailable data, the classification crite	ria are not met.				
	Mutagenicity	in-vitro:	Based on av	ailable data, the classification crite	ria are not met.				
	Genotoxicity:		Based on av	ailable data, the classification crite	ria are not met.				
	Mutagenicity in-vivo:		Based on av	Based on available data, the classification criteria are not met.					
	Germ cell mu	tagenicity:	Based on av	ailable data, the classification crite	ria are not met.				
	Reproductive	toxicity:	Based on av	ailable data, the classification crite	ria are not met.				
11.2	Information c	on other hazard	s:						
11.2.1.		srupting proper							
	contain com have endocr according to Commission 2017/2100 o	nce/mixture nponents con ine disrupting REACH Artic Delegated reg or Commission 05 at levels o	properties le 57(f) or ulation (EU) Regulation						
11.2.2.	Other inform	ations:							
11.6.6.									

SECTION 12. Ecological information							
12.1. Toxicity							
Acute toxicity	Dose	Exposure time	Species	Method	Evaluation	Note	
Fish	LC ₅₀	96 hours	No information available	No information available	-	-	
Crustacea:	EC ₅₀	48 hours	No information available	No information available	-	_	
Algae/aquatic plants	IC ₅₀	8 days	No information available	No information available	-	_	
Microorganisms	LC ₅₀	72 hours	-	-	-	-	



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

12.2. Persistence and degradability

Abio	tic 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 No No information No information No information information available available available available available

2.3. B	ioaccumulative potentia	al				
P	artition coefficient: n-o	ctanol/wa	ater (log	Kow):		
Value	Concentration	рН	°C	Method	Evaluation	Note
	No information available	-	-	No information available	No information available	-



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\	/alue	Spe	ecies		Met	hod	Eva	Evaluation		Note	
No information No informa available available		nformatio	ion No information available		No information No inf available		No info	o information available			
	Chronic e	ecotoxicity		F							
	Value Dose		Dose	Exposure time Species		Species	Method Ev		Eva	luation	Note
Chroni	hronic toxicity on fish LC50		C ₅₀					rmation lable	No information available		-
	Chronic toxicity on crustacea (<i>Daphnia</i>)		C ₅₀	No inform availat	ormation information		_	rmation lable	No information available		-
				on in en	ivironmei	ntal compart	ment	s:			
	Surface te	nation availa ension:	able								
		ension:	°C	Сог	ncentratio	on	N	1ethod			Note
	Surface te	ension: No	°C		nformatio			1ethod tion availa	able	-	Note
	Surface te Value No informati	ension: No on inform	°C	No ii	nformatio				able		Note
	Surface to Value No informati available	ension: No on inform	°C nation ble	No ii	nformatio				able		Note
Transp	Surface to Value No informati available Adsorptio	ension: No on inform availa	°C nation ble ion ent	No ii avail	nformatio		orma	tion availa			
Transp Soil-wa	Surface to Value No informati available Adsorptio	ension: No on inform availa on / desorpt A/D coefficie lenry's cons	°C nation ble ion ent	No ii avail	nformatic able J Kow ormation	on No inf	orma	tion availa	N	- Method	
-	Surface to Value No informati available Adsorptio	ension: No on inform availat Don / desorpt A/D coefficient lenry's const infor lable	°C nation ble ion ent tant	No in avail log No infe availab	nformatic able J Kow ormation ole ormation	on No inf Evapor No inform available	orma	tion availa	No info availab	- Method prmation le prmation	Note Note



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		:	,	:					
		PBT and vPvB assess							
	according	to REACH Article 57	not contain components conside 7(f) or Commission Delegated re evels of 0.1% or higher.						
12.6.	Endocrine	e disrupting propertie	es						
	The substance/mixture does not contain components considered to have endocrine disrupting proper according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commissio Regulation (EU) 2018/605 at levels of 0.1% or higher.								
12.7.	Other adv	erse effects							
	No inform	nation available							
	N 13. Disp	osal considerations	S						
13.1.	Waste ti	reatment methods							
13.1.1.	Product	/Packaging disposal:	:						
	Submit Protecti	•	egal person authorized by the M	linistry of Environme	ntal and Nature				
13.1.2.	Waste c	odes/waste designat	tions according to Law:						
	No info	rmation available							
13.1.3.	Waste ti	reatment – relevant i	information:						
		rmation available							
13.1.4.	Sewage	disposal – relevant i	information:						
	Waste n	nust not be disposed	d of into the sewage system.						
13.1.5.	Other di	isposal recommenda	ations:						
	Do not o authoriz the pack	dispose of the produ ed by the ministry ir	uct's remains into the sewage sy n charge. Do not dispose of the cors authorized by the ministry ir	packaging into the s	sewage system. Submit				
	Polovan								
13.1.6.	Relevan	t Community provisi	ions:						



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Trading name:			TOLUIDINE BLUE,	SOLUTION	
Product code:	TB-OT-X**		Date of compilation:	21 Dec 2022	Version: 4
	:		1	1	
SECTION 14. Tra	nsport information	1			
Transpor	ting/shipment by ro	ad (ADR)			
UN number:		Not	subject to transport regu	ulations.	
UN proper shippi	ng name:	-			
Transport hazard	class(es):	-			
Packing group:		-			
Environmentally h	azardous:	-			
Special precaution	ns for user:	-			
Transpor	ting/shipment by ra	il (RID)			
UN number:		Not	subject to transport regu	ulations.	
UN proper shippi	ng name:	-			
Transport hazard	class(es):	-			
Packing group:		-			
Environmentally h	azardous:	-			
Special precaution	ns for user:	_			
Inland wa	aterway transport (A	DN)			
UN number:		Not	subject to transport regu	ulations.	
UN proper shippi	ng name:	-			
Transport hazard	class(es):	-			
Packing group:		-			
Environmentally h	azardous:	-			
Special precaution	ns for user:	-			
Transpor	ting/shipment by se	a (IMDG)			
UN number:		Not	subject to transport regu	ulations.	
UN proper shippi	ng name:	-			
Transport hazard	class(es):	-			
Packing group:		-			
Environmentally h	azardous:	-			
Special precaution	ns for user:	_			
Transpor	ting/shipment by ai	r (ICAO-T	I/IATA-DGR)		
UN number:		Not	subject to transport regu	ulations.	
UN proper shippi	ng name:	-			
Transport hazard	class(es):	-			
Packing group:		-			
Environmentally h	azardous:	-			



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Trading name:	TOLUIDINE BLUE, SOLUTION								
Product code:	TB-OT-X**	Date of compilation:	21 Dec 2022	Version: 4					
Special precautior	ns for user:	-							
Further informatic	on: -								

Further information:

15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture			
	EU regulations			
	Authorization and/or restrictions of use			
	Authorizations:	-		
	Restrictions:	-		
	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.	Chemical safety assessment			
	None			

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



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Trading name:			TOLUIDINE BLUE, SOLUTION		
Product code:		TB-OT-X**	Date of compilation: 21 Dec 2022 Version: 4		
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 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	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	ormation:	 ** "X" in the product code marks different volumes (different packagings of the product) We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet. 		

ANNEX:

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Exposure scenario resulting to Chemical safety assessment