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Trade name:		TISSUE MARKING DYES, BLUE						
Product code:	3408-5-X**	Date of compilation:	14 November 2022	Version:	5			

1.1.	Product identifier				
	Trading name:	TISSUE MARKING DYES, BLUE			
	Chemical name:	-			
	Product code:	3408-5-	X**		
1.2.	Relevant identified us	es of the	substa	ance or mixtu	re and uses advised against
	Uses:			For marking	g and orientation of tissue samples.
	Uses advised against:			Only the id	entified uses are advised.
	Reason why uses advi	ised agai	nst:		t is intended for use only as an <i>in vitro</i> diagnostic vice and there is no reason to use it for other
1.3.	Details of the supplier of the safety data sheet				
	Supplier: Bio0		BioG	Gnost Ltd.	
	Address:		Medj	edjugorska 59, Zagreb	
	Telephone number:		+385	+385 1 2409997	
	Telefax:		+385	85 1 2404039	
	e-mail of competent p	person:	<u>msds</u>	ds@biognost.hr	
	National contact:		-		
1.4.	Emergency telephone numbers				
	National Protection a	nd Rescu	e Direc	ctorate:	112
	Medical information:				+385 1 2348 342
	Other information:				-

SECTIO	CTION 2. Hazards identification						
2.1.	Classification of the substance or mixture						
2.1.1.	Classification according to	Regulation (EC) No 1	1272/2008 (CLP)				
	Hazard class and ca	tegory code:	Hazard statement*:				
	Skin Irr. 2		H315				
	Eye Irr. 2		H319				
2.1.2.	Additional information						
	-						
*For the	e full text of H and EUH phras	es see Section 16.					
2.2.	Label elements						
	Product identification: TISSUE MARKING DYES, BLUE						
	Identification number:	-					
	Authorisation number: -						



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	Hazard pictograms:	GHS07
	Signal word:	Warning
	Hazard statement:	H315 Causes skin irritation H319 Causes serious eye irritation.
	Precautionary statement:	P280 Wear protective gloves/protective clothing/eye/protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P337+P313 If eye irritation persists: Get medical advice/attention.
	Supplemetal hazard information (EU):	-
2.3.	Other hazards	
		oting properties. tains no components considered to be either persistent, bioaccumulative sistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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)			
67-63-0/ 200-661-7/ 603-117-00-0	-	<4	propan-2-ol	Flam. Liq. 2; H225 Eye Irr. 2; H319 STOT SE 3; H336			
7664-41-7 231-635-3/ 007-001-00-5	-	<1	ammonia	Flam. Gas 2; H221 Skin Corr. 1B; H314 Acute Tox. 3; H331 Aquatic Acute 1; H400			

SECTIO	SECTION 4. First aid measures				
4.1.	Description of first aid measures				
	General notes:	Move out of dangerous area. Show this safety data sheet to the doctor and first responders.			



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	Following inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Get medical advice.
	Following skin contact:	Wash off with soap and plenty of water. If irritation occurs and persists: Get medical advice.
	Following eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs and persists: Get medical advice.
	Following ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water.
	Self-protection of the first aider	-
4.2.	Most important symptom	ns and effects, both acute and delayed
	Following inhalation:	No information available.
	Following skin contact:	No information available.
	Following eye contact:	No information available.
	Following ingestion:	No information available.
4.3.	Indication of any immedi	ate medical attention and special treatment needed
	Treat symptomatically.	

SECTIO	ON 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Use dry chemical, CO <sub>2</sub> , water spray (FOG) or foam.			
	Unsuitable extinguishing media:	Avoid solid water stream as it may scatter and spread fire.			
5.2.	Special hazards arising from the su	bstance or mixture			
	Hazardous by products of fire:	Use water spray to cool fire exposed container surfaces and to protect personnel. Thermal decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (an asphyxiant at sufficient concentrations).			
5.3.	Advice for firefighters				
	Use a self-contained open-circuit of containers exposed to fire with war	ompressed air breathing apparatus and fireproof clothing. Cool closed ter spray or vapor.			
5.4.	Additional information				
	9 7	ring due to increase in pressure. Remove sources of heat and nvironment with extinguishing media.			

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



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	Protective equipment:	Use suitable 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:			
	Use protective equipment; in (see Section 8).	case of inadequate ventilation use adequate airways protective equipment		
6.2.	Environmental precautions:			
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.			
6.3.	Methods and materials for co	ontainment and cleaning up		
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.		
6.3.2.	Cleaning up:	After removing the product, use water to wash the work space and used materials.		
6.3.3.	Other information:	Other information: No information available.		
6.4.	Reference to other sections			
	-			

SECTIO	N 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. Refer to the manufacturer's recommendations.
	Measures to prevent aerosol and dust generation	n:	Secure proper ventilation.
	Measures to protect the environment:		Prevent spilling into the sewage system and waterways.
	Other measures:		-
7.1.2.	Advice on general occupational hygiene:		
	Do not eat, drink or smoke in the workspace. Th	oroughly w	ash hands after work and before eating.
7.2.	Conditions for safe storage, including any incom	npatibilities	
	Technical measures and storage conditions: w		ghtly closed and upright set containers in a lated storage rooms at temperatures rom 15 to 25 °C.
	Packaging materials: Manufac		urer's original packaging.
	Requirements for storage rooms and vessels:	Keep awa	y from food and drink. Keep the containers osed.



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	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:	-

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION** 

8.1. Control pa	rameters					
Substance		CAS No	•	Occupational exposure limit values/short term values		Biological limit values
			ppm	mg/m	1 <sup>3</sup>	
Isopropanol		67-63-0	400/500	999/1.2	250	-
Ammonia	7	664-41-7	20/50	14/3	5	-
ï						
Substance: -				1		
EC No: -	CAS	No: -				
DNEL						
			Industrial			
Doute of expecure	Acute effe	ct Ac	cute effect	Chronic effect		Chronic effect
Route of exposure:	local	9	systemic		ocal	systemic
Oral	-	-		-		-
Inhalation	36 mg/ m <sup>3</sup> (ammonia)	47.6 m	•	14 mg/ n (ammoni		500 mg/m <sup>3</sup> (propan-2-ol) 47.6 mg/ m <sup>3</sup> (ammonia)
Dermal	-	_	6.8 mg/kg bw/day (ammonia)			888 mg/kg bw/day (propan-2-ol) 6.8 mg/kg bw/day (ammonia)
Critical physical parameters: solubility, flammability, corrosivity:						
			Consumer			
Route of exposure:	Acute effe		cute effect systemic		nic effect ocal	Chronic effect systemic



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	!			'			
Oral		-	6.8 mg/kg k (ammonia)	ow/day	-		26 mg/kg bw/day (propan-2-ol) 6.8 mg/kg bw/day (ammonia)
Inhalatio	n	-	-		-		89 mg/m³ (propan-2-ol)
Dermal		-	6.8 mg/kg k (ammonia)	ow/day	-		319 mg/kg (propan-2-ol) 6.8 mg/kg bw/day (ammonia)
PNEC							
Environm	nental prote	ection target		PNEC			
Fresh wat	ter			No info	rmation a	vailable	
Freshwat	er sedimen	ts		No info	rmation a	vailable	
Marine w	ater			No info	rmation a	vailable	
Marine se	ediments			No information available			
Food cha	in			No information available			
Microorg	anisms in s	sewage treatment		No information available			
Soil (agri	cultural)			No information available			
Air				No information available			
8.2.	Exposur	e controls					
8.2.1.	Appropi	riate engineering co	ntrols				
		ce/mixture related r ent exposure during	identified	Use personal protective equipment. Do not eat, drink or smoke in the workspace.			
	Structur exposur	al measures to preve e:	ent	No information available			
	Organis exposur	ational measures to e:	•	Organization of work in order to reduce other worker's influence during work process.			
	· · · · · · · · · · · · · · · · · · ·		Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.				
8.2.2.	Persona	l protection equipm					
8.2.2.1.	Eye and	nd tace protection.		Safety glasses tested and approved under appropriate standards such as EN 166(EU).			
8.2.2.2.	Skin pro	tection:					
	Hand pr	otection:		protective	gloves ha	ave to satisfy t	oves. The selected he specifications of EU ndard EN 374 derived from



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	Other skin protection:		No specific protective equipment required.	
8.2.2.3.	Respiratory protection:		Use when overexposure potential. Improper use of respirators is dangerous.	
8.2.2.4.	Thermal hazards:		No information available	
8.2.3.	Environmental exposure controls			
	Substance/mixture related measures to prevent exposure:	See S	Section 6	
	Structural measures to prevent exposure:	Use ı	modern equipment.	
	Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of t workplace.		
	Technical measures to prevent exposure:	See S	Section 6	

Information on basic physical	and chemical properties	
	Value	Method
Physical state:	liquid	No information available
Colour:	blue	No information available
Odour/odour threshold:	faint ammonia	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
Lower and upper explosion limit:	No information available	No information available
Flash point:	> 93.3 °C	No information available
Auto-ignition temperature:	No information available	No information available
Decomposition temperature:	No information available	No information available
pH:	8.5 -10.0	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
Density and/or relative density	1.02 - 1.14 (20°C)	No information available



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	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:	Not reactive under normal 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:	No information available.			
10.4.	Conditions to avoid:	Contact with incompatible materials and temperature extremes.			
10.5.	Incompatible materials:	Strong oxidizers.			
10.6.	Hazardous decomposition products:	Does not decompose under normal conditions. During fire, thermal decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (as asphyxiant as sufficient concentrations).			

SECTIO	V 11. Toxi	cological information	1				
11.1.	Informati	ion on toxicological eff	ects				
	Acute to	cicity:					
Route of exposure		Method	Species	Effect Dos LD <sub>50</sub> /LC ATE <sub>mix</sub>	e Exposu C <sub>50</sub> or time	re Results	
Oral:		No information available	rat	LD₅	No informat availab	(2-propanoll)	l
Dermal:		No information available	rabbit	LD₅	No informat availab	(2-propanol)	
Inhalation:		No information available	rat	LC <sub>5</sub>	8 h (isopropa 4 h (ammon	9.850 mg/m³ ai	ir
	Specific t	target organ toxicity - s	single exposure (	STOT-SE):			
		Spec	ific effects		Target organ	Note	
Oral:		No information availa	able		-	-	



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Dermal:	No in	formatio	on available		_	_				
Inhalation:			n available		_					
Timalation.	140 111	1011114110	TI dvallabic							
Aspira	ation haza	rd:		-						
: · ·			:							
Irritat	ion and co	rrosion								
		Exp	oosure time	Species	Evaluation	Method	Note			
Skin corrosion/irritation: No avail		No availa	information able	rabbit	-	-	mild skin irritation			
Serious irritation to eyes: No avail			information able	rabbit	24 h	<b>-</b>	eye irritatio	n		
	tization	-								
Skin sensitizatio	on: N	lay cause	e an allergic sk	in reaction.						
Respiratory sensitization:	А	llergic p	ersons may dis	play irritation.						
	<u> </u>									
Symp	toms relat	ed to ph	ysical, chemica	al, and toxicologic	cal properties					
Oral exposure:		No kno	own specific sy	mptoms. May ca	use discomfort it	swallowed.				
Dermal exposur	e:	No kno	own specific sy	mptoms. May ca	use discomfort.					
Inhalation expo	sure:	No kno	own specific symptoms. Aerosols/vapor may cause respiratory system irritation.							
Eye exposure:		No kno	own specific sy	mptoms. May ca	use mild eye irrit	ation.				
Repea	ated dose	toxicity (	subacute, subo	chronic, chronic)						
	Do	se	Exposure time	Species	Method	Evaluation	Note			
Subacute oral	No infor		No information available	No information available	No information available	No information available	No information available	on		
Subacute dermal	No infor		No information available	No information available	No information available	No information available	No information	on		
Subacute inhalation	No infor		No information available	No information available	No information available	No information available	No information	on		
Subchronic oral	No infor		No information available	No information available	No information available	No information available	No information	on		



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

Specific target	organ toxicity -	. reneated	evnosure	(STOT-RF)
Specific target	Ordan toxicity -	rebeated	exposure	(3101-NE).

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

CMR effects (carcinogenicity, mutagenicity, reproductive toxicity)



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	Carcinogenicity:	Product not classified as a carcinogen by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).
	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
	Summary of evaluation of the CMR properties:	No information available
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. Ecologic	al informa	ation				
12.1. Toxicity						
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC <sub>50</sub>	96 hours	Pimephales promelas (fathead minnow)	-	-	9.640 mg/l (2-propanol)
Crustacea:	EC <sub>50</sub>	48 hours	Daphnia magna (water flea)	-	-	13.299 mg/l (2-propanol) 25.4 mg/l (ammonia)
Algae/aquatic plants:	IC <sub>50</sub>	72 hours	Desmodesmus subspicatus (green algae)	-	-	>1.000 mg/l (2-propanol)
Other organisms	-	-	-	-	-	-
Chronic (long-term) toxicity	Doza	Exposure time	Species	Method	Evaluation	Note
Fish	LC <sub>50</sub>	96 hours	-	_	-	-
Crustacea:	EC <sub>50</sub>	48 hours	-	-	-	-



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Algae/aquation	······	nts: IC <sub>50</sub>	72 ho	ours -		-	-		-		
Other organis	sms	_	_	-			_				
		nce and degra	dability								
Abi		degradation					-			<del>,</del>	
		Degradation h	alf-lives		Method			Evalu	ation		Note
Marine water	No	information a	vailable	No information available N			No info	rmatio	n availab	ole	_
Fresh water	No	information a	vailable	No ir	nformation ava	ailable	No info	rmatio	n availab	ole	-
Air	No	information a	vailable	No ir	nformation ava	ailable	No info	rmatio	n availab	ole	-
Soil	No	No information available		No ir	nformation ava	ailable	No info	rmatio	n availab	ole	-
Bio	degr	adation						_			
% Degradati	on	Time (	days)		Method		Evaluation		Note		
No information	on	No informat	ion				o information - vailable		-		
available		available		avail	avie	avalla	anie				
	_										
12.3. Bioa	accur	mulative poter	ntial								
		-water partitio		ient (log l	(ow)						
Value	1	ncentration	рН	°C	Method	l l	Evaluati	on		Note	
No		information	-	-	No informat			No information -			
information		ilable			available		available				
available											
				-					_		
			/5								
	conc	entration Fact			NA -1 - 1		F. 1			N.1 -	
Value No information	<u></u>	Spec No informat		NI-:	Method nformation	N.I -	Evaluation information			Note	
No information available	ווט	No informat available	IUII	No ir availa			information ailable	_	-		
				2.40111	=		- · <del>-</del>				
		:		i		<u> </u>		<u> </u>			
Chr	onic	ecotoxicity									
Valu		Dose		oosure ime	Species	ſ	Method	Eval	uation	N	Note



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Chronic	toxicity o	n fish	LC <sub>50</sub>	No information available No No information information available available				1	No information available	-	-
	toxicity o a (Daphni		EC <sub>50</sub>				No inform availab	1	No information available	-	
12.4.	Mobility	in soil									
	Known	or pred	licted distr	ibution in enviro	onmenta	al comp	artments	:			
	Surface										
	Value		°C	Concent			Metho			Note	
	No informa n availal	tio ir	lo nformation vailable	No inform available	nation		o information ailable -		-		
Transpo	rt l	A/D co lenry's	lesorption pefficient constant	log Kow		vaporati			ethod	Note	
Soil-wat	er	inform ilable	nation	No informat		o inforn vailable	nation	No info	ormation le	-	
Water-a	ır	inform ilable	nation	No informat available		o inforn vailable	nation	No info	ormation le	_	
Soil-air		inform ilable	nation	No informat available		o inforn vailable	nation	No info	ormation le	-	
12.5.	Results	of PRT	and vPvR	assessment							
	This sub	stance	/mixture c	ontains no com ersistent and ve					•		'e
	and toxi	- (1 51)	,, σ. νειγ ρ	c. sistem dia ve	, 5.000	Jamaia	(*1 *)	_, at icve	.5 5. 5.176 01	9	
	Fo do aria	ne disri	upting pro	•							
12.6.				oes not contain	compoi	nents co	nsidered	to have	endocrine di	srupting	
12.6.	The sub	es acco	ording to F	REACH Article 57 (EU) 2018/605 a	7(f) or C	ommissi	on Dele	-	gulation (EU)	2017/2100 o	r
12.6.	The sub	es acco sion Ro	ording to F egulation (	REACH Article 57	7(f) or C	ommissi	on Dele	-	gulation (EU)	2017/2100 o	r



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12.1	N 13. Disposal considera		
13.1.	Waste treatment method	35	
13.1.1.	Product/Packaging dis	posal:	
	Submit for disposal to Protection.	the legal person authorized by the Ministry of Environmental and Nature	
13.1.2.	Waste codes/waste de	signations according to Law:	
	Disposal must be mad	e according to official regulations.	
13.1.3.	Waste treatment – rele	vant information:	
	No information availab	ole	
13.1.4.	Sewage disposal – rele	vant information:	
	Waste must not be dis	posed 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 authorized by the ministry in charge. Do not dispose of the packaging into the sewage system the packaging to the collectors authorized by the ministry in charge.		
13.1.6.	Relevant Community provisions:		
	-		
SECTION	N 14. Transport informa	tion	
	Transporting/shipment		
UN num		Not regulated	
UN prop	er shipping name:	-	
Transpo	rt hazard class(es):	-	
Packing group:		-	
Environmental hazards:		-	
Special p	precautions for user:	-	
•	Transporting/shipment	by rail (RID)	
UN number:		Not regulated	
UN prop	er shipping name:		
Transport hazard class(es):		-	
Hanspoi	c c		



Trade name:

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

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Environmental haz		-			
Special precaution		-			
Transpo	rting/shipment by inla	nd waterways (ADN)			
UN number:		Not regulated			
UN proper shippin	g name:	-			
Transport hazard o	class(es):	-			
Packing group:		-			
Environmental haz	ards:	-			
Special precaution	s for user:	-			
Transpo	rting/shipment by sea	(IMDG)			
UN number:		Not regulated			
UN proper shippin	g name:	-			
Transport hazard class(es):		-			
Packing group:		-			
Environmental haz	ards:	-			
Special precaution	s for user:	-			
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:		-			
Transpo	rting/shipment by air (	(ICAO-TI/IATA-DGR)			
UN number:		Not regulated			
UN proper shippin	g name:	-			
Transport hazard class(es):		-			
Packing group:		-			
Environmental haz	ards:	-			
Special precaution	s for user:	-			
Further informatio	n: -				

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



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

SECTIO	SECTION 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:	Manufacturer's MSDS file.			



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Trade name:		TISSUE MARKING DYES, BLUE			
Product code:	3408-5-X**	Date of compilation:	14 November 2022	Version:	5

16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)		
Classific	Classification		Classification procedure
_			-
16.5.	Rele	vant H statements (nu	mber and full text)
		221	Flammable gas.
		225	Highly flammable liquid and vapour.
	H:	314	Causes severe skin burns and eye damage.
		315	Causes skin irritation.
		319	Causes serious eye irritation.
		331	Toxic if inhaled.
		336	May cause drowsiness or dizziness.
		400	Very toxic to aquatic life.
16.6.	Training advice:		-
			"X" in the product code marks different volumes (different packaging of the product)
16.7. Further inforn		ner information:	We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.

<b>ANNEX: Exposure scenario</b>	resulting to Chemical	safety assessment

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