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Trade name:		TISSUE MARKIN	IG DYES, YELLOW	<u> </u>	
Product code:	3408-2-X**	Date of compilation:	14 November 2022	Version:	5

1.1.	Product identifier					
	Trading name:	TISSUE	TISSUE MARKING DYES, YELLOW			
	Chemical name:	-				
	Product code:	3408-2-	·X**			
1.2.	Relevant identified	uses of the	substa	ance or mixtu	re and uses advised against	
	Uses: Uses advised against:			For marking	and orientation of tissue samples.	
				Only the ide	entified uses are advised.	
				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	nost Ltd.		
	Address:		Medj	Medjugorska 59, Zagreb		
	Telephone number:		+385	+385 1 2409997 +385 1 2404039		
	Telefax:		+385			
	e-mail of competer	nt person:	msds	sds@biognost.hr		
	National contact:		-			
1.4.	Emergency telepho	ne number	's			
	National Protection and Rescue Dire		ıe Dire	ctorate:	112	
	Medical information:					
	Medical information	า:			+385 1 2348 342	

SECTIO	N 2. Hazards identification					
2.1.	Classification of the substance or mixture					
2.1.1.	Classification according to Regulation (EC) No 1272/2008 (CLP)					
	Hazard class and ca	Hazard statement*:				
	Skin Irr. 2		H315			
	Eye Irr. 2		H319			
2.1.2.	Additional information					
	-					
*For the	e full text of H and EUH phrase	es see Section 16.				
2.2.	Label elements					
	Product identification: TISSUE MARKING DYES, YELLOW					
	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	
		ting 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 mea	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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4.3.	Indication of any immediation of any immediation of any immediation.	ate medical attention and special treatment needed		
	Following ingestion:	No information available.		
	Following eye contact:	No information available.		
	Following skin contact:	No information available.		
	Following inhalation:	No information available.		
4.2.	Most important symptoms and effects, both acute and delayed			
	Self-protection of the first aider	-		
	Following ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water.		
	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 skin contact:	Wash off with soap and plenty of water. If irritation occurs and persists: Get medical advice.		
	Following inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Get medical advice.		

SECTIO	ON 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Use dry chemical, CO ₂ , 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	ubstance 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 wa	compressed air breathing apparatus and fireproof clothing. Cool closed ter spray or vapor.			
5.4.	Additional information				
	9	king due to increase in pressure. Remove sources of heat and environment 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 equipment (see Section 8).	case of inadequate ventilation use adequate airways protective		
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: 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. The	oroughly w	ash hands after work and before eating.	
7.2.	Conditions for safe storage, including any incom	patibilities		
	Technical measures and storage conditions: well vent		ghtly closed and upright set containers in a lated storage rooms at temperatures rom 15 to 25 °C.	
	Packaging materials:	Manufact	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	rameter	·s					
Substance		CAS No		Occupational exposure limit values/short term values			Biological limit values
				ppm	mg/	m³	
Isopropanol		67-63	-0	400/500	999/1	.250	-
Ammonia		7664-4	1-7	20/50	14/3	36	-
Substance: -							
EC No: -		CAS No:	-				
DNEL							
				Industrial			
Route of exposure:	Acu	ute effect Ac		ute effect	Chronic effect		Chronic effect
Route of exposure.		local	systemic		local		systemic
Oral	-		-		-		-
Inhalation	36 mg		47.6 mg (ammo	•	14 mg/ (ammor		500 mg/m ³ (propan-2-ol) 47.6 mg/ m ³ (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 para	meters:	solubility, fla	ammabil	ity, corrosivity:		-	
				Consumer			
Route of exposure:	Acu	te effect	Ac	ute effect	Chronic effect		Chronic effect
Noute of exposure.		local	S	ystemic	local		systemic



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Oral		-	6.8 mg/kg (ammonia)	-	-	26 mg/kg bw/day (propan-2-ol) 6.8 mg/kg bw/day (ammonia)	
Inhalation	า	-	-		_	89 mg/m³ (propan-2-ol)	
Dermal		-	6.8 mg/kg (ammonia)	-	-	319 mg/kg (propan-2-ol) 6.8 mg/kg bw/day (ammonia)	
PNEC							
Environm	ental prote	ection target		PNEC			
Fresh wat	ter			No info	rmation available		
Freshwate	er sedimen	its		No info	rmation available		
Marine w	ater			No info	rmation available		
Marine se	ediments			No information available			
Food cha	in			No information available			
Microorg	anisms in s	sewage treatment		No information available			
Soil (agrid	cultural)			No information available			
Air				No information available			
	:						
8.2.	Exposur	e controls					
8.2.1.	Approp	riate engineering c	ontrols				
		ce/mixture related ent exposure during		Use personal protective equipment. Do not eat, drink or smoke in the workspace.			
	Structur exposur	ral measures to pre re:	vent	No information available			
	Organis exposur	ational measures to e:	o prevent	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 equipr	ment:				
8.2.2.1.	Eye and	U TACE DIOTECTION.		Safety glasses tested and approved under appropriate standards such as EN 166(EU).			
8.2.2.2.	Skin pro	otection:					
	Hand pr	rotection:		protective	-	gloves. The selected / the specifications of EU andard 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 modern equipment.		
	Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of the workplace.		
	Technical measures to prevent exposure:	See Section 6		

Information on basic physical	and chemical properties	
	Value	Method
Physical state:	liquid	No information available
Colour:	yellow	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).			

SECTION 11. Toxicological information								
11.1.	Informat	ion on toxicological eff	ects					
	Acute toxicity:							
Route o		Method	Species	Effect Dos LD ₅₀ /LC ATE _{mi}	se C ₅₀ or	Exposur time	e	Results
Oral:		No information available	rat	LD ₅	LD ₅₀ int		on e	5.840 mg/kg (2-propanoll)
Dermal:		No information available	rabbit	LD ₅			on e	12.800 mg/kg (2-propanol)
Inhalation:		No information available	rat	LC ₅	50	8 h (isopropar 4 h (ammoni		37.5 mg/l (2-propanol) 9.850 mg/m³ air (ammonia)
	Specific	target organ toxicity - s	single exposure (S	STOT-SE):				
•		Spec	ific effects		Targe	et organ		Note
Oral:		No information availa	able		-		-	



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Product code:	3408	-2-X**		of compilation:	14 November		Version: 5		
Froduct code.	3400	-Z-X	Date	or compliation.	14 Novembe	1 2022	version. 3		
Dermal:	No inf	ormatio	n available		-	-			
Inhalation:	No inf	ormatio	n available		-	-			
Aspira	ation hazar	d:		-					
Irritat	ion and cor								
		Exp	osure time	Species	Evaluation	Method	Note		
Skin corrosion/i	rritation:	No availa	information able	rabbit	-	-	mild skin irritation		
Serious irritation	n to eyes:	No availa	information able	rabbit	24 h	-	eye irritation		
Sensi	tization								
Skin sensitizatio	on: M	ay cause	e an allergic sk	in reaction.					
Respiratory sensitization:	All	lergic pe	ersons may dis	play irritation.					
	toms relate	•	•	al, and toxicologic					
Oral exposure:			o known specific symptoms. May cause discomfort if swallowed.						
Dermal exposur			No known specific symptoms. May cause discomfort.						
Inhalation expo	sure:	No known specific symptoms. Aerosols/vapor may cause respiratory system irritation.							
Eye exposure:		No kno	own specific sy	mptoms. May cau	use mild eye irrit	ation.			
-		• • • •							
Repea	ated dose t	oxicity (chronic, chronic)					
	Dos	e	Exposure time	Species	Method	Evaluation	Note		
Subacute oral	No inforr available	mation	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	No information available		
Subacute inhalation	No inforr available	mation	No information available	No information available	No information available	No information available	No information available		
Subchronic oral	No inforr available	mation	No information available	No information available	No information available	No information available	No information available		



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- 	<u> </u>	C: f: f				NI-t-
Spec	cific target organ to	kicity - repeated	l exposure (STO	T-RE):		
Chronic inhalation	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 oral	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
Subchronic dermal	No information available	No information available	No information available	No information available	No information available	No information available

Specific target or	rgan toxicity - repeated exposure	(STOT-RE):	
	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	SECTION 12. Ecological information						
12.1. Toxicity							
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note	
Fish	LC ₅₀	96 hours	Pimephales promelas (fathead minnow)	-	-	9.640 mg/l (2-propanol)	
Crustacea:	EC ₅₀	48 hours	Daphnia magna (water flea)	-	-	13.299 mg/l (2-propanol) 25.4 mg/l (ammonia)	
Algae/aquatic plants:	IC ₅₀	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 ₅₀	96 hours	-	_	-	-	
Crustacea:	EC ₅₀	48 hours	-	-	-	-	



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Product cod	de:	3408-2-X*	k	Date of	f compilatior	ո: 14	November	2022	Vers	sion: 5
Algae/aquati	c plant	s: IC ₅₀	72 ho	urs -					-	
Other organi	······	-	_	_		_			_	
12.2. Per	sistenc	e and degrad	dability							
Abi	iotic de	gradation								
	De	egradation ha	alf-lives		Method Evaluation				n	Note
Marine water	No in	formation av	ailable	No ii	No information available No informat			rmation av	vailable	-
Fresh water	er No information available			No ii	nformation av	ailable	No info	rmation av	vailable	-
Air	r No information available			No ii	nformation av	ailable	No info	rmation av	vailable	-
Soil	No information available		No ii	nformation av	ailable	No info	rmation av	vailable	-	
Bic	degrad	dation								
% Degradat	dation Time (days)			Method		Evaluation		Not	e	
No informati available	No information No information		No ii avail	nformation able		No information available				
	·			·						
12.3. Bio	accumi	ulative poten	tial							
Oct	tanol-w	ater partition	n coeffici	ent (log	Kow)					
Value	Con	centration	рН	°C	Method	t	Evaluati	on	No	ote
No information available	No in availa	formation able	-	-	No informat available			ion -		
Bio	concer	ntration Facto	or (BCF)							
Value		Speci	es		Method		Evaluation		Note	е
No informati available	o information No information available		No ir availa	nformation able	on No information available		-			
Ch	ronic e	cotoxicity								
Valu		Dose		osure ime	Species		Method Evaluat		on	Note
		1								



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Chronic toxicity on fish Chronic toxicity on crustacea (Daphnia)		LC ₅₀	No No information available No No information information available no information information information		ole nation	No information available No information		No information available No information			
			available	availat	ole	availab	le	available			
12.4.	Mobility	y in soil									
	Known	or pred	licted distr	ibution in envir	onment	al compa	artments	•			
	Surface	tensio	n:								
	Value	9	°C	Concen	tration		Metho	od		Note	
			lo nformation vailable	No inforr available	mation	n No information available		n 	-		
	Ausorp		desorption								
Soil-wa	ort No	A/D cc	pefficient constant nation	log Kov No informa available No informa available	tion Nation N	vaporati Io inform vailable Io inform vailable	nation	No info	ormation	Note	
Transpo Soil-wa Water- Soil-air	ort No ava	A/D co Henry's informailable inform	pefficient constant nation	No informa available No informa	ation Nation Nation Nation N	lo inform vailable lo inform	nation	No info availab No info availab	ormation le ormation le ormation		
Soil-wa	ort ater air No ava ava ava	A/D co Henry's informailable informailable informailable	nation	No informa available No informa available No informa	ation Nation Nation Nation N	lo inform vailable lo inform vailable lo inform	nation	No info availab No info availab No info	ormation le ormation le ormation		
Soil-wa Water- Soil-air	ort ater air No ava No ava Results This sub	A/D co Henry's informallable informallable informallable of PBT	pefficient constant nation nation and vPvB and vPvB are when the constant of t	No informa available No informa available No informa available	ation N artion N artion N artion N artion N artion N artion N articles	lo inform vailable lo inform vailable lo inform vailable	nation nation nation ered to b	No info availab No info availab No info availab	ormation le ormation le ormation le	- - ioaccumulativ	e
Soil-wa Water- Soil-air 12.5.	ort ater air No ava No ava Results This sub and tox	A/D co Henry's informaliable informaliable informaliable of PBT ostance ic (PBT)	pefficient constant nation nation and vPvB and vPvB are when the constant of t	No informa available No informa available No informa available assessment ontains no comersistent and ve	ation N artion N artion N artion N artion N artion N artion N articles	lo inform vailable lo inform vailable lo inform vailable	nation nation nation ered to b	No info availab No info availab No info availab	ormation le ormation le ormation le	- - ioaccumulativ	e
Soil-wa Water- Soil-air	Results This suband tox Endocri The subapropert	A/D co Henry's informailable informailable informailable of PBT ostance ic (PBT)	pefficient constant nation nation and vPvB and v	No informa available No informa available No informa available assessment ontains no comersistent and ve	ntion Nation Nat	lo inform vailable lo inform vailable lo inform vailable s conside ccumulations co	nation nation nation ered to b tive (vPvl	No info availab No info availab No info availab e either B) at leve	persistent, biels of 0.1% or	ioaccumulativ	
Soil-wa Water- Soil-air 12.5.	Results This suband tox Endocri The subapropert	A/D collection A/D co	pefficient constant nation nation and vPvB and vPvB are mixture of the constant properties of the cons	No informa available No informa available No informa available assessment ontains no comersistent and volumers and volumers are seen to contains available	ntion Nation Nat	lo inform vailable lo inform vailable lo inform vailable s conside ccumulations co	nation nation nation ered to b tive (vPvl	No info availab No info availab No info availab e either B) at leve	persistent, biels of 0.1% or	ioaccumulativ	



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SECTION	N 13. Disposal considerat	ions				
13.1.	Waste treatment method	S				
13.1.1.	Product/Packaging disp	osal:				
	Submit for disposal to t Protection.	he legal person authorized by the Ministry of Environmental and Nature				
13.1.2.	Waste codes/waste des	ignations according to Law:				
		according to official regulations.				
13.1.3.	Waste treatment – relev	vant information:				
	No information availabl	е				
13.1.4.	Sewage disposal – relev	vant information:				
	Waste must not be disposed of into the sewage system.					
13.1.5.	3.1.5. Other disposal recommendations:					
	authorized by the minis	roduct's remains into the sewage system. Submit the remains to the collectors try in charge. Do not dispose of the packaging into the sewage system. o the collectors authorized by the ministry in charge.				
13.1.6.	Relevant Community pr	ovisions:				
	-					
SECTION	N 14. Transport informati	on				
	Transporting/shipment b	y road (ADR)				
UN num	ber:	Not regulated				
UN prop	er shipping name:	-				
Transpo	rt hazard class(es):	-				
Packing	group:	-				
Environr	nental hazards:	-				
Special p	precautions for user:	-				
	Transporting/shipment b	y rail (RID)				
UN num	ber:	Not regulated				
UN prop	er shipping name:					
Transpo	rt hazard class(es):	-				
······································	group:	-				



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Trade name:		IG DYES, YELLOW	<u> </u>		
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Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by inla	nd waterways (ADN)
UN number:	Not regulated
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by sea	(IMDG)
UN number:	Not regulated
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
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:	Not regulated
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Further information: -	

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



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Trade name:	TISSUE MARKING DYES, YELLOW				
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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 1 guideline)	1999/13/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 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, YELLOW				
Product code:	3408-2-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)				
Classifi	cation		Classification procedure		
-			-		
16.5.	Rele	vant H statements (nu	mber and full text)		
		221	Flammable gas.		
		225	Highly flammable liquid and vapour.		
		314	Causes severe skin burns and eye damage.		
	Causes skin irritation.		Causes skin irritation.		
	H:	319	Causes serious eye irritation.		
		331	Toxic if inhaled.		
		336	May cause drowsiness or dizziness.		
		400	Very toxic to aquatic life.		
16.6.	Trair	ning advice:	-		
			"X" in the product code marks different volumes (different packaging of the product)		
16.7.	Furt	her information:	We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.		

ANNEX: Expo	sure scenario	resulting to	Chemical:	safety as	sessment

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