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Trade name:		TISSUE MARKING DYES, BLACK					
Product code:	3408-3-X**	Date of compilation:	13 May 2019	Version:	4		

SECT	ION 1: Identification of	the subst	ance/i	mixture and	of the company/undertaking
1.1.	Product identifier				
	Trading name:	TISSUE	MARKI	NG DYES, BL	ACK
	Chemical name:	-			
	Product code:	3408-3-	X**		
1.2.	Relevant identified use	es of the su	ubstan	ce or mixture	and uses advised against
	Uses: For marking and orientation of tissue samples.				g and orientation of tissue samples.
	Uses advised against:			Only the ide	entified uses are advised.
	Reason why uses advis	ed agains	The product is intended for use only as an <i>in vitro</i> diagnomal against: medical device and there is no reason to use it for other purposes.		
1.3.	Details of the supplier	of the safe	ety dat	a sheet	
	Supplier:		BioG	nost Ltd.	
	Address:		Medj	jugorska 59, 2	Zagreb
	Telephone number: +38		+385	5 1 2409997	
	Telefax:		+385	5 1 2404039	
	e-mail of competent p	erson:	<u>msds</u>	<u>@biognost.h</u>	<u>r</u>
	National contact:		_		
1.4.	Emergency telephone	numbers			
	National Protection an	d Rescue	Directo	orate:	112
	Medical information:				+385 1 2348 342
	Other information:				-

SECTIO	SECTION 2. Hazards identification				
2.1.	Classification of the substance	e or mixture			
2.1.1.	Classification according to Re	gulation (EC) No 1	1272/2008 (CLP)		
	Hazard class and cate	gory code:	Hazard statement*:		
	Skin Irrit. 2		H315		
	Eye Irrit. 2		H319		
2.1.2.	Additional information				
	-				
*For the	e full text of H and EUH phrases	see Section 16.			
2.2.	Label elements				
	Product identification: TISSUE MARKING DYES, BLACK				
	dentification 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	
	-	

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	isopropyl alcohol	Flam. Liq. 2; H225 Eye Irrit. 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				

SECTI	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.			
	Following inhalation:	If larynx irritation or cough occur, provide the afflicted person with fresh air. Seek medical assistance if the symptoms of irritation remain.			



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	Following skin contact:	Rinse with water. Seek medical assistance if the symptoms of irritation remain.	
	Following eye contact:	Rinse with water. Seek medical assistance if the symptoms of irritation remain.	
	Following ingestion:	If larynx irritation occurs, rinse mouth with water. Seek medical assistance if the symptoms of irritation remain.	
	Self-protection of the first aider	-	
4.2.	Most important symptoms and effects, both acute and delayed		
	Following inhalation:	If breathed in, move person into fresh air. If not breathing, give artifical 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 cautously with water for several minutes. Remove contacts 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.	
4.3.	Indication of any immediate medical attention and special treatment needed		
	Treat symptomatically.		

SECT	ION 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 sub	stance or mixture			
	Hazardous by products of fire:	Use water spray to cool fire exposed container surfaces and to protect personnel. Thermal decompostion can produce carbon monoxide (highly toxic) and carbon dioxide (an asphyxiant at sufficient conventartions).			
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				
	Heating may cause container crackir Do not contaminate the environmen	ng due to increase in pressure. Remove sources of heat and ignition. It 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 case of inadequate ventilation use adequate airways 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 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. Thoroughly wash hands after work and before eating.				
7.2.	Conditions for safe storage, including any incom	npatibilities			
	Technical measures and storage conditions:	Keep in tightly closed and upright set containers in a well ventilated storage rooms at temperatures ranging from 15 to 25 °C.			
	Packaging materials:	Manufacturer's original packaging.			
	Requirements for storage rooms and vessels:	Keep awa	ay 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. I	XPOSI	JRE COI	NTROLS / P	ERSONA	AL PRO	TECTION	J			
		meters			TE I RO	1201101	<u> </u>			
Substance					upational exposure limit llues/short term values		Biological limit values			
					р	pm	mg/r	m^3		
Isopropanol			67-63	3-0	400	/500	999/1.	250		-
Ammonia			7664-4	1-7	20)/50	14/3	36		-
Substance:	_									
EC No: - CAS No: -										
DNEL				-			<u> </u>			
					Indu	ustrial				
Route of exposure:		te effect local	Acute effect systemic		Chronic effect local		ffect	Chronic effect systemic		
Oral -		-		-	-		-			-
Inhalation		-		-	-		-			-
Dermal -		-		-			-			-
Critical physic	al para	meters:	solubility, fla	ammabil	ity, corr	osivity:		-		
					Con	sumer				
Route of exp	osure:		te effect local	Acute effect systemic		Chronic effect local		ffect	Chronic effect systemic	
Oral		-		-			-			-
Inhalation		-		-			-			-
Dermal		-		-			-			-
PNEC										
Environmenta	al prote	ction ta	rget			PNEC				



Fresh water

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

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No information available

i i C3ii wat	CI				
Freshwate	er sediments		No information available		
Marine w	ater		No information available		
Marine se	ediments		No information available		
Food cha	in		No information available		
Microorg	anisms in sewage treatment		No information available		
Soil (agric	cultural)		No information available		
Air			No information available		
8.2.	Exposure controls				
8.2.1.	Appropriate engineering controls	5			
	Substance/mixture related measures to prevent exposure during identified uses:		Use personal protective equipment. Do not eat, drink or smoke in the workspace.		
	Structural measures to prevent exposure:		No information available		
	Organisational measures to prevent exposure:		Organization of work in order to reduce other worker's influence during work process.		
	Technical measures to prevent exposure:		Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.		
8.2.2.	Personal protection equipment:				
8.2.2.1.	Eye and face protection:		Safety glasses testet and approved under appropriate standards as EN 166(EU).		
8.2.2.2.	Skin protection:				
	Hand protection:		Handle with chemical resistant gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.		
	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 Se	ection 6		
	Structural measures to prevent exposure:	Use m	nodern equipment.		
	Organisational measures to prevent exposure:	Adapt workp	t the work process to the required working conditions of the place.		



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Technical measures to prevent	See Section 6
exposure:	

1.	Information on basic physical an	d chemical properties	
		Value	Method
	Physical state:	Liquid	No information available
	Colour:	Black	No information available
	Odour:	Faint ammonia	No information available
	Odour threshold;	No information available	No information available
	pH:	8.5 -10.0	No information available
	Melting point / freezing point;	No information available	No information available
	Initial boiling point and boiling range:	No information available	No information available
	Flash point:	> 93.3 °C	No information available
	Evaporation rate:	No information available	No information available
	Flammability (solid, gas):	No information available	No information available
	Upper/lower flammability or explosive limits:	No information available	No information available
	Vapour pressure:	No information available	No information available
	Vapour density:	No information available	No information available
	Relative density	1.02 - 1.14 (20°C)	No information available
	Bulk density:	No information available	No information available
	Solubility(ies):	No information available	No information available
	Partition coefficient: n- octanol/water (log Kow):	No information available	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	Viscosity:	No information available	No information available
	Explosive properties:	No information available	No information available
	Oxidising properties:	No information available	No information available

SECTI	ON 10.: Stability and reactivity	
10.1.	Reactivity:	Not reactive under normal conditions.



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10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using (room temperature).
10.3.	Possibility of hazardous reactions:	No information available.
10.4.	Conditions to avoid:	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 1	1. Toxicologica	al informatio	n					
11.1. Inf	formation on to	oxicological e	ffects					
Ac	cute toxicity:							
Route of exposure:	N	1ethod	Specie	S L	Effective Dose D ₅₀ /LC ₅₀ or ATE _{mixture}	Expos time		Results
Oral:	_	formation vailable	rat		LD ₅₀	No information available		5,045 mg/kg (isopropanol)
Dermal:		formation vailable	rabbit		LD ₅₀	informa	No information available 12,800 (isopro	
Inhalation:	_	oformation vailable	rat		LC ₅₀	8 h (isopropan 4 h (ammonia		16.000 ppm (isopropanol) 2.000 ppm (ammonia)
Snec	cific target orga	an toxicity - s	inale exposu	re (STOT-S	F)·			
	eme target orge		ecific effects	10 (3101 3		rget organ		Note
Oral:	No info	ormation ava			-	<u>g</u>	_	
Dermal:		ormation ava			-		-	
Inhalation:	No info	ormation ava	ilable		-		-	
	:				i			
Aspi	iration hazard:		_					
Irrita	ation and corro	sion						
		Exposure	e time	Species	Evalua	ation	Method	Note



inhalation

Chronic oral

No information

available

available

information

information

available

available

No

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Toduct code.	3406-	J-V		Date of Compile	ation.	13 Iviay 2	OID V	ersion. 4		
	•		·			1	;	*		
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		
Sensitiz	ation									
Skin sensitizatio		lav cause	e an allergic sk	in reaction						
Respiratory sensitization: Allergic persons may d										
Sympto	ms related	l to phys	ical, chemical,	and toxicologica	l propertie	<u>2</u> S				
Oral exposure: No known spec			own specific sy	mptoms. May ca	use discor	nfort if swa	allowed.			
Dermal exposure: No known s			own specific sy	mptoms. May ca	use discor	nfort.				
Inhalation exposure: No known specific s			own specific sy	ymptoms. Aerosols/vapor may cause respiratory system irritation						
Eye exposure:		No kno	own specific sy	mptoms. May ca	use mild e	ye irritatio	n.			
Repeate	ed dose to	xicity (su	bacute, subch	ronic, chronic)	:	2		-		
	Do	se	Exposure time	Species	Method	d Ev	valuation	Note		
Subacute oral	No infor		No information available	No information available	No informa availab		o formation vailable	No information available		
Subacute dermal	No infor available		No information available	No information available	No informa availab		o formation vailable	No information available		
Subacute inhalation	No infor		No information available	No information available	No informa availab		o formation vailable	No information available		
Subchronic oral	No information available		intormation			No No information available available		No information available		
Subchronic dermal	No infor		nation No No information available available		No informa availab		o formation vailable	No informatio available		
Subchronic	No infor	mation	No	No	No	N	0	No		

information

information

available

available

No



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Chronic dermal	No information available	No information available	No information available	on	No information available	No information available	No information available	
Chronic inhalation	No information available	No information available	No information available	on	No information available	No information available	No n information available	
Spac	ific target organ toxi	city - rapastad a	ovnosuro (ST	·∩T_D	E/·			
Jpcc	me target organ toxi	Specific ef			Target org	ıan	Note	
Subacute ora	ıl N	No information a		No	information av		No information available	
Subacute dermal		lo information a	vailable	No	information av	ailable	No information available	
Subacute inhalation		lo information a	vailable	No	information av	ailable	No information available	
Subchronic oral		No information available			information av	ailable	No information available	
Subchronic dermal		No information available			information av	ailable	No information available	
Subchronic inhalation		No information available			information av	ailable	No information available	
Chronic oral	١	lo information a	No information available			No information available		
Chronic dern	nal N	o information available		No information available			No information available	
Chronic inha	lation N	lo information a	vailable	No information available		ailable	No information available	
CMR	effects (carcinogenic	rity mutagenicit	v reproduc	tive to	oxicity)			
	nogenicity:	,atagemen	·		tion available			
	ngenicity <i>in-vitro</i> :		No inf	orma	tion available			
	otoxicity:		No inf	orma	tion available			
	ngenicity <i>in-vivo</i> :		No inf	orma	tion available			
Germ cell mutagenicity :		No inf	orma	tion available				
Reproductive toxicity:			No toxic effects on reproductive organs were noted durin testing on animals.					
	mary of evaluatio erties; :	n of the CI	MR No inf	orma	tion available			



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11.2.	Practical experiences:	
	Classification observations:	No information available
	Other observations:	No information available
11.3.	General notes:	
	-	

SECTION 12. Ecologic	al informa	ntion				
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 (isopropanol)
Crustacea: EC ₅₀ 24 hours		Daphnia magna (water flea)	-	-	5.120 mg/l (isopropanol) 25.4 mg/l (ammonia)	
Algae/aquatic plants:	IC ₅₀	72 hours	Desmodesmus subspicatus (green algae)	-	-	>2.000 mg/l (isopropanol)
Other organisms	-	-	-	-	-	-
Chronic (long-term) toxicity	Doza	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	-	-	-	-
Crustacea:	EC ₅₀	48 hours	-	-	-	-
Algae/aquatic plants:	IC ₅₀	72 hours	-	-	-	-
Other organisms	-	-	-	-	-	-

Ab	iotic 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



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% Degra	adation		Time (da	ys)		Method			Evaluation			Note
No inforr available		No ir availa	nformation able	n	No informa available		on	No information available			-	
12.3.	Bioaccum	nulativ	ve potenti	al								
					cient (log	Kow)						
Value	Value Concentration pH		°C	M	ethod		Evalua	tion	Note			
No informati available	ion avail		nation	-	-	No info		on	No informa available	ation	-	
В	ioconcent	ratior	n Factor (E	BCF)								
Value Species			Method		Evaluation				Note			
No inforr available		No ir availa	nformation able	n	No ir avail	nformatio able	on 		o informatio railable	n	_	
C	Chronic eco	otoxic	ity									
	Value		Dose		posure time	Spe	cies		Method	Eval	uation	Note
Chronic t	toxicity on	fish	LC ₅₀	No infoi avail	mation able	No informa availab	nformation i		o formation ailable	No information available		-
	toxicity on a (Daphnia		EC ₅₀	1	mation able	No informa availab			o formation ailable	No inforr availa	mation ble	-
12.4.	Mobility											
	Known o	r prec	licted dist	ributio	on in envir	onmenta	l comp	oartm	ents:			
	Surface to	ensio	n:									
	Value		°C		Concen	tration		M	lethod			Note
	No informati n availab	o ir	lo nformation vailable	n	No informavailable	nation	No ir availa		nation	-		



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	ame:		TISSU	IE MARKING DYE	S, BLACK		
Product code:		3408-3-X**	Date	of compilation:	13 May 2019	Version:	
	Adsorptio	on / desorption					
Transpo	ort	A/D coefficient Henry's constant	log Kow	Evaporation rate	Method	Not	e
Soil-wat	tor ∶	o information	No information	No information	No information	_	
	av	ailable	available	available	available		
Water-a	air av	o information railable	No information available	No information available	No information available	_	
Soil-air		o information railable	No information available	No information available	No information available	-	
	-						
12.5.	Results	of PBT and vPvB as	ssessment				
	No info	ormation available					
12.6.	Other a	adverse effects					
	No information available						
SECTIO		sposal consideration	ons				
SECTIO 13.1.	N 13. Dis		ons				
	N 13. Dis	sposal consideration	ons				
13.1.	N 13. Dis	sposal consideration					
13.1.	N 13. Dis	sposal consideration treatment methods uct/Packaging disponent	osal:	horized by the Minis	try of Environment	tal and Natur	e
13.1.1	N 13. Dis Waste t Produ Subm Prote	sposal consideration treatment methods uct/Packaging disponit for disposal to the	osal: e legal person autl		try of Environment	tal and Natur	e
13.1.	N 13. Dis Waste t Produ Subm Prote Waste	treatment methods uct/Packaging disponit for disposal to the ction.	osal: e legal person autl gnations according	to Law:	itry of Environment	tal and Natur	e
13.1. 13.1.1.	N 13. Dis Waste t Produ Subm Prote Waste	sposal consideration treatment methods uct/Packaging disponit for disposal to the	osal: e legal person autl gnations according	to Law:	etry of Environment	tal and Natur	e
13.1. 13.1.1.	N 13. Dis Waste t Produ Subm Prote Waste Dispo	treatment methods uct/Packaging disponit for disposal to the ction.	e legal person autl gnations according according to officia	to Law:	itry of Environment	tal and Natur	e
13.1.1. 13.1.1.	N 13. Dis Waste t Produ Subm Prote Waste Dispo	sposal consideration treatment methods uct/Packaging disponit for disposal to the ction.	e legal person auti gnations according according to officia	to Law:	try of Environment	tal and Natur	e
13.1.1. 13.1.1.	N 13. Dis Waste t Produ Subm Prote Waste Dispo	sposal consideration treatment methods for the disposal to the ction. The codes/waste designs all must be made a set treatment – relevant to the ction.	e legal person auti gnations according according to officia	to Law:	etry of Environment	tal and Natur	e
13.1.1. 13.1.1.	N 13. Dis Waste t Produ Subm Prote Waste Dispo Waste No in	sposal consideration treatment methods for the disposal to the ction. The codes/waste designs all must be made a set treatment – relevant to the ction.	psal: e legal person autions according to officiant information:	to Law:	try of Environment	tal and Natur	e
13.1.1. 13.1.2. 13.1.3.	N 13. Dis Waste t Produ Subm Prote Waste Dispo Waste No in	sposal consideration treatment methods uct/Packaging disposal to the ction. e codes/waste designs all must be made as the certain treatment – relevation available to the company of the codes of the certain treatment – relevation available treatment – relevation a	e legal person auti gnations according according to officia ant information:	to Law: Il regulations.	itry of Environment	tal and Natur	е
13.1.1. 13.1.2. 13.1.3.	N 13. Dis Waste t Produ Subm Prote Waste Dispo Waste No in	sposal consideration treatment methods for disposal to the ction. The codes/waste designs all must be made a set treatment – relevation available ge disposal – relevation and consideration available ge disposal – relevation and consideration available ge disposal – relevation available ge dispo	e legal person auti gnations according according to officia ant information:	to Law: Il regulations.	etry of Environment	tal and Natur	e
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Trade name:		TISSUE MARKING DYES, BLACK			
Product code:	3408-3-X**	Date of compilation:	13 May 2019	Version:	4

13.1.6. Relevant Community provision	ons:
-	
SECTION 14. Transport information	
Transporting/shipment by road (ADR)
UN number:	Not regulated
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by rail (R	ID)
UN number:	Not regulated
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by inland	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 (If	MDG)
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 (IC	AO-TI/IATA-DGR)
UN number:	Not regulated



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Trade name:	TISSUE MARKING DYES, BLACK				
Product code:	3408-3-X**	Date of compilation:	13 May 2019	Version:	4

UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Further information: -	

L5.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations			
	Authorisation and/or res	strictions on use		
	Authorisations:	-		
	Restrictions:	-		
	Other EU regulations:	EC Regulation No. 1906/2007 and EC Regulation No. 1272/2008 of the European Parliament and the European Council; The European Commission Regulation No. 453/2006 of 2010 on changes and amendments to the Regulation (EC) No. 1907/2006 of the European Parliament and Council on registration, evaluation, authorization and restriction of chemical substances (REACH); EC Regulation No. 2037/200 of the European Parliament and Council of 29 June 2000 on ozone-depleting substances; EC Regulation No. 689/2008 of the European Parliament and Council of 17 June 2008 concerning the export and import of dangerous chemicals; EC Regulation No. 850/2004 of the European Parliament and Council of 29 April 2004 on persistent organic pollutants; Directive 2008/98/EC of the European Parliament and Council of 19 November 2008 on waste and repealing certain Directives		
	Information according 1 guideline)	999/13/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		
.5.2.	Chemical safety assessment			

SECTION 16. Other information



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Trade name:	TISSUE MARKING DYES, BLACK				
Product code:	3408-3-X**	Date of compilation:	13 May 2019	Version:	4

16.1.	Indication of changes:	-		
16.2.	Abbreviations and acronyms: Key literature references	PBT Stable, bioaccumulative and toxic vPvB Strongly stable and strongly bioaccumulative LD50 Lethal dose, 50% LC50 Lethal concentration, 50% TCOJ Specific target organ toxicity - single exposure STOT - RE Specific target organ toxicity - repeated exposure		
16.4.	and source of data: Classification and proceded 1272/2008 (CLP)	ure used to derive the classification for mixture according to Regulation (EC)		
Classific	ation	Classification procedure		
-		-		
16.5.	Relevant H statements (number and full text)			
	H: 221 225 314 315 319 331 336 400	Flammable gas. Highly flammable liquid and vapour. Causes severe skin burns and eye damage. Causes skin irritation. Causes serious eye irritation. Toxic if inhaled. May cause drowsiness or dizziness. Very toxic to aquatic life.		
16.6.	Training advice:	-		
16.7.	Further information:	"X" in the product code marks different volumes (different packaging of the product) We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.		

ANNEX: Exposure scenario resulting to Chemical safety assessment
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