

Page 1 of 17

Trade name:		TISSUE MARKING DYES, BLACK						
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5			

1.1.	Product identifier				
	Trading name:	TISSUE M	IARKIN	IG DYES, B	LACK
	Chemical name:	-			
	Product code:	3408-3-X	* *		
1.2.	Relevant identified use	es of the s	substar	nce or mixt	ture and uses advised against
	Uses:			For markir	ng and orientation of tissue samples.
	Uses advised against:			Only the id	dentified uses are advised.
	Reason why uses advi	sed agains	st:		act is intended for use only as an <i>in vitro</i> diagnostic evice and there is no reason to use it for other
1.3.	Details of the supplier of the safety data sheet				
	Supplier: BioG		BioGn	Gnost Ltd.	
	Address:		Medju	djugorska 59, Zagreb	
	Telephone number:		+385	85 1 2409997	
	Telefax:		+385	85 1 2404039	
	e-mail of competent p	erson:	msds@	ds@biognost.hr	
	National contact:		-		
1.4.	Emergency telephone numbers				
	National Protection ar	nd Rescue	Direct	torate:	112
	Medical information:				+385 1 2348 342
	Other information:	Other information:			-

SECTIO	TION 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 category 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 MARK	ING DYES, BLACK			
	Identification number:	-				
	Authorisation number:	-				



Page 2 of 17

Trade name:		TISSUE MARKING DYES, BLACK						
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5			

	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			
	No known endocrine disrupting properties. This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent 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.			



Page 3 of 17

Trade name:		TISSUE MARKING DYES, BLACK						
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5			

	Treat symptomatically.			
4.3.	Indication of any immedi	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	CTION 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	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 compressed air breathing apparatus and fireproof clothing. Cool closed containers exposed to fire with water spray or vapor.					
5.4.	Additional information					
	9	ing 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				



Page 4 of 17

Trade name:		TISSUE MARKING DYES, BLACK						
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5			

	Protective equipment:	Use suitable personal protective equipment (see Section 8).		
	Accident prevention method	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:	No information available.		
6.4.	Reference to other sections			
	-			

SECTIO	SECTION 7. Handling and storage				
7.1.	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:		Use in well ventilated storage rooms. Refer to the manufacturer's recommendations.		
	Measures to prevent aerosol and dust generation	n:	Secure proper ventilation.		
	Measures to protect the environment:	Measures to protect the environment:			
	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	patibilities			
	Technical measures and storage conditions:	well venti	ghtly closed and upright set containers in a lated storage rooms at temperatures rom 15 to 25 °C.		
	Packaging materials:	Manufacturer's original packaging.			
	Requirements for storage rooms and vessels:	Keep awa	y from food and drink. Keep the containers osed.		



Page 5 of 17

Trade name:		NG DYES, BLACK			
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5

	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	3-0	400/500	999/1.250		-	
Ammonia		7664-4	1-7	20/50	14/36		-	
Substance: -		T			T			
EC No: -		CAS No:	-					
DNEL								
				Industrial				
Doute of exposure:	Acu	te effect	Acute effect		Chronic effect		Chronic effect	
Route of exposure:		ocal	systemic		local		systemic	
Oral	-		-		-		-	
Inhalation	36 mg,		47.6 m (ammo	_	14 mg/ m³ (ammonia)		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 parameters: solubility, flammability, corrosivity:								
				Consumer	•			
Davita of over a comme	Acu	te effect	Ac	ute effect	Chronic e	ffect	Chronic effect	
Route of exposure:		ocal	S	systemic	local		systemic	



Page 6 of 17

Trade name:	TISSUE MARKING DYES, BLACK					
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5	

Oral	6.8 mg/kg bw (ammonia)		ow/day	-	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 b (ammonia)	ow/day	-	319 mg/kg (propan-2-ol) 6.8 mg/kg bw/day (ammonia)
PNEC				1		
Environm	ental prote	ection target		PNEC		
Fresh wat	ter			No info	rmation available	
Freshwate	er sedimen	ts			rmation available	
Marine w	ater			No info	rmation available	
Marine se	ediments			No info	rmation available	
Food cha	in				rmation available	
Microorg	anisms in s	ewage treatment		No info	rmation available	
Soil (agric	cultural)			No information available		
Air				No information available		
8.2.	Exposure	e controls				
8.2.1.	Appropr	iate engineering co	ntrols			
		ce/mixture related n nt exposure during	identified	•	nal protective equipm the workspace.	nent. Do not eat, drink or
	Structura exposure	al measures to preve e:	ent	No information available		
	Organisa exposure	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.	Personal	protection equipme	ent:			
8.2.2.1.	FVE and tace protection.		Safety glasses tested and approved under appropriate standards such as EN 166(EU).			
8.2.2.2.	Skin pro	tection:				
	Hand pro	otection:		protective	-	gloves. The selected y the specifications of EU tandard EN 374 derived from



Page 7 of 17

Trade name:	TISSUE MARKING DYES, BLACK				
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5

	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. Adapt the work process to the required working conditions of workplace. See Section 6		
	Organisational measures to prevent exposure:			
	Technical measures to prevent exposure:			

Information on basic phy	sical and chemical properties	
	Value	Method
Physical state:	liquid	No information available
Colour:	black	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 bo	No information available	No information available
Flammability:	No information available	No information available
Lover and upper explosion limit:	No information available	No information available
Flash point:	> 93.3 °C	No information available
Auto-ignition temperatu	re: No information available	No information available
Decomposition tempera	ture: 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 noctanol/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



Page 8 of 17

Trade name:	TISSUE MARKING DYES, BLACK				
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5

	Relative vapour density:	No information available	No information available
	Particle characteristics:	No information available	No information available
9.2.	Other information		
	-		

SECTIO	N 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	N 11. Tox	icological information								
11.1.	Informat	nation on toxicological effects								
	Acute to	xicity:								
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	50	No informatio available		5.840 mg/kg (2-propanoll)		
Dermal:		No information available	rabbit	LDs	50	No informatio available		12.800 mg/kg (2-propanol)		
Inhalatio	on:	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 (STOT-SE):						
		Spec	ific effects		Targ	jet organ		Note		
Oral:		No information availa	able		-		-			



Page 9 of 17

Trade name:			-	ΓISSUE MARKI	ING DYES, BLA		ge 5 01 17			
Product code:	3408-3	3-X**	Date of	compilation:	14 November	2022	Version: 5			
Dermal: Inhalation:			n available n available		-	-				
Aspira	ation hazard	d:	-	-						
1,	ion and cor	:								
Irritati	ion and cor		osure time	Species	Evaluation	Method	Note			
Skin corrosion/i	rritation:	No availa	information	rabbit	-	-	mild skin irritation			
Serious irritation	n to eyes:	eyes: No information available rate			24 h	_	eye irritation			
Sensit	ization									
Skin sensitizatio	n: Ma	ay cause	an allergic sk	n reaction.						
Respiratory sensitization:	All	ergic pe	rsons may dis	play irritation.						
Symp	toms relate	d to phy	vsical, chemica	ıl, and toxicologi	cal properties					
Oral exposure:					use discomfort if	swallowed.				
Dermal exposur	e:			mptoms. May ca						
Inhalation expo					ls/vapor may cau	ıse respiratory :	system irritation.			
Eye exposure:		No kno	wn specific sy	ecific symptoms. May cause mild eye irritation.						
Repea	ated dose to	oxicity (s	subacute, subc	hronic, chronic)	-		,			
	Dos	e	Exposure time	Species	Method	Evaluation	Note			
Subacute oral	No inforr available	nation	No information available	No information available	No information available	No information available	No information available			
Subacute dermal	No inforr available	nation	No information available	No information available	No information available	No information available	No information available			
Subacute inhalation	No inforr available	nation	No information available	No information available	No information available	No information available	No information available			
Subchronic oral	No inforr available	nation	No information available	No information available	No information available	No information available	No information available			



Page 10 of 17

Trade name:		TISSUE MARKING DYES, BLACK								
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5					

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 tovicity -	repeated exposure	(STOT_RE).
Specific target	ordan toxicity -	repeated exposure	(3101-KE).

	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)



Page 11 of 17

Trade name:		TISSUE MARKING DYES, BLACK							
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5				

	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 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	-	-	-	-



Page 12 of 17

Trade name:				Т	ISSUE MAR	KINC	G DYES, BLA	ACK			
Product code	e: 340	08-3-X**		Date of	compilation:	: 14	4 Novembe	r 2022		Version:	5
Algae/aquation	·····	IC ₅₀	72 ho	urs -			-	-		-	
Other organis	sms	-	-	-			-	-		-	
	-										
	sistence a		idability								
Abi	otic degra									***	
	Degr	adation h	ialt-lives		Method			Eva	luation		Note
Marine water	No info	mation a	vailable	No i	nformation av	⁄ailab	le No ir	nformat	ion avail	able	_
Fresh water	er No information ava		vailable	No i	nformation av	⁄ailab	le No ir	nformat	ion avail	able	_
Air	No information availal		vailable	No i	nformation av	⁄ailab	le No ir	nformat	ion avail	able	_
Soil	No info	mation a	vailable	No i	nformation av	⁄ailab	le No ir	nformat	ion avail	able	_
-											
Bio	degradat	ion									
% Degradati		Time (•		Method		Evaluation	n		Note	
No information		informat ilable	ion	No i avail	nformation		information ailable	1	-		
avaliable	ava	паріе		avalı	able	avo	aliable				
12.3. Bioa	accumula	tive pote	ntial								
			n coeffici	ent (loa	Kow)						
Value		ntration	рН	°C	Metho	d	Evalu	ation		Note	
No	No info		-	-	No informa		No inform		-		
information	available	9			available		available				
available											
Pio	concentra	tion Eact	or (BCE)								
Value	Concentra	Spec			Method		Evaluatio	\n		Note	
No information	on No	informat		No i	nformation	ı	No informati			Note	
available		ilable		avail			available	···	-		
,											
Chr	onic ecot	oxicity			:					:	
Valu	е	Dose	3 :	osure me	Species		Method	Ev	aluation	No	ote



Page 13 of 17

Frade n						MARKING											
Product	code:	3408	8-3-X**	Date of o	compila	ition: 14	Nove	ember 2	2022	Version:	ļ						
Chronic	toxicity c	on fish	LC ₅₀	No information available	No inform availab	ation in	information in		No information available	۱ -							
Chronic toxicity on crustacea (Daphnia)			EC ₅₀	No information available	No information available		No information available		No information available	ı -							
12.4.	Mobilit	v in soi															
				bution in enviro	onmenta	al compartn	nents:										
	Surface	tensio	n:														
	Value	e	°C	Concent	ration	N	Лetho	d		Note							
	informatio		lo nformation vailable	No inform available	nation	No inforn available	nformation able		-								
Transpo Soil-wa	ter No	•	pefficient s constant nation	No information	tion N	vaporation o informati			ethod ormation le	Note -							
Water-a	air No	inforn ailable	nation	No information	tion N	o informati vailable	ormation No in		rmation	-							
Soil-air	No	inforn ailable	nation	No information	tion N	o informati vailable	available nation No informa available		rmation	_							
12.5.	Results	of PBT	and vPvB a	assessment													
		This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.															
12.6.	Fndocri	ne disr	unting pro	nerties													
12.0.	The sub	ndocrine disrupting properties ne substance/mixture does not contain components considered to have endocrine disrupting roperties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or commission Regulation (EU) 2018/605 at levels of 0.1% or higher.															
10.7								Other adverse effects									
12.7.	Other a		effects n available														



Page 14 of 17

Trade name:	TISSUE MARKING DYES, BLACK				
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5

13.1.	13.1. Waste treatment methods				
13.1.1.	Product/Packaging disp	oosal:			
	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:			
	Disposal must be made	according to official regulations.			
13.1.3.	Waste treatment – relev	vant information:			
	No information availab	е			
13.1.4.	Sewage disposal – relev	vant information:			
	Waste must not be disp	oosed of into the sewage system.			
13.1.5.	Other disposal recommendations:				
	authorized by the minis	product's remains into the sewage system. Submit the remains to the collectors stry 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	rovisions:			
	-				
SECTION	N 14. Transport informat	ion			
	Transporting/shipment b	y road (ADR)			
UN num	ber:	Not regulated			
UN prop	er shipping name:	-			
Transpoi	rt hazard class(es):	-			
Packing	group:	-			
Environn	nental hazards:	-			
Special p	precautions for user:	-			
	Transporting/shipment b	y rail (RID)			
UN number:		Not regulated			
UN proper shipping name:		-			
Transpoi	rt hazard class(es):	-			
Packing	group:	-			



Page 15 of 17

Trade name:	TISSUE MARKING DYES, BLACK				
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5

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: -	

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



Page 16 of 17

Trade name:		TISSUE MARKI	NG DYES, BLACK	<u> </u>	
Product code:	3408-3-X**	Date of compilation:	14 November 2022	Version:	5

		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			
	Other EU regulations:	solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC; Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work;			
		Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006;			
		REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);			
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds 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			
<u> </u>					

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.			



Page 17 of 17

Trade name:	TISSUE MARKING DYES, BLACK				
Product code:	3408-3-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	cation		Classification procedure	
-			-	
16.5.	Relev	ant H statements (nu	mber and full text)	
	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.	Train	ing 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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