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Trade name:	TISSUE MARKING DYES, ORANGE					
Product code:	3408-6-X**	Date of compilation:	14 November 2022	Version:	5	

SECTIO	ON 1: Identification of	the subst	ance/i	mixture and	of the company/undertaking	
1.1.	Product identifier					
	Trading name:	TISSUE	TISSUE MARKING DYES, ORANGE		ANGE	
	Chemical name:	-				
	Product code:	3408-6-	X**			
1.2.	Relevant identified u	ses of the	substa	ance or mixtu	re and uses advised against	
	Uses:			For marking	and orientation of tissue samples.	
	Uses advised against	t:		Only the ide	entified uses are advised.	
	Reason why uses adv	vised agai	· · · · · · · · · · · · · · · · · · ·		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 supplie	er of the s	afety d	lata sheet		
	Supplier:		BioGnost Ltd.			
	Address: N		Medj	Medjugorska 59, Zagreb		
	Telephone number:		+385	+385 1 2409997		
	Telefax: +3		+385	85 1 2404039		
	e-mail of competent	person:	<u>msds</u>	sds@biognost.hr		
	National contact:		-			
1.4.	Emergency telephon	e number	S			
	National Protection	and Rescu	e Dire	ctorate:	112	
	Medical information	:			+385 1 2348 342	
	Other information:				-	

SECTIO	N 2. Hazards identification					
2.1.	Classification of the substa	nce or mixture				
2.1.1.	Classification according to	Regulation (EC) No 1	272/2008 (CLP)			
	Hazard class and ca	ategory 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	ses see Section 16.				
2.2.	Label elements					
	Product identification:	Product identification: TISSUE MARKING DYES, ORANGE				
	Identification number:	Identification number: -				
	Authorisation number:	-				



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	Hazard pictograms:	GHS07		
	Signal word:	Warning		
	Hazard statement:	H315 Causes skin irritationH319 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.			



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Troduct code.	5400 0 X	Date of compliation.		version.	-	

	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 symptoms	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 immediat	te medical attention and special treatment needed
	Treat symptomatically.	

SECTIO	SECTION 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				
	3 1	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				



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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, Protection and Rescue Direct	drainage system and waterways. In case of large spillage contact National orate (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:		lated storage rooms. Refer urer's recommendations.			
	Measures to prevent aerosol and dust generation	Secure proper ve	entilation.			
	Measures to protect the environment:	Prevent spilling and waterways.	into the sewage system			
	Other measures:	-				
7.1.2.	Advice on general occupational hygiene:					
	Do not eat, drink or smoke in the workspace. Th	roughly wash hands after w	ork and before eating.			
7.2.	Conditions for safe storage, including any incon	atibilities				
	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 away from food and c tightly closed.	lrink. Keep the containers			



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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 parameters								
Substance			CAS No			Occupational exposure limit values/short term values		iological limit values
					ppm	mg/m ³		
Isopropanol			67-63	8-0	400/500	999/1.250		-
Ammonia			7664-4	1-7	20/50	14/36		-
Substance:								
	-		CAS No:	_				
EC No:	-		CAS NO:	-				
DNEL								
					Industrial			
Route of exposi	ure:				ute effect Chronic effe		ect	Chronic effect
			local	S	ystemic	local		systemic
Oral		-		-		-		-
Inhalation		36 mg, (ammo		47.6 mg/ m ³ (ammonia)		14 mg/ m ³ (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			
Route of expos	ure:		te effect	_	ute effect	Chronic eff	ect	Chronic effect
			local	S	ystemic	local		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)		
Inhalatior	1	_	-		-	89 mg/m ³ (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	ental prot	ection target		PNEC				
Fresh wat	er			No info	rmation available			
Freshwate	er sedimer	nts		No info	rmation available			
Marine w	ater			No info	rmation available			
Marine se	diments			No info	rmation available			
Food cha	in			No info	rmation available			
Microorg	anisms in s	sewage treatment	t	No info	rmation available			
Soil (agric	ultural)			No info	rmation available			
Air				No information available				
8.2.	Exposur	re controls						
8.2.1.	Approp	riate engineering	controls					
		nce/mixture relate ent exposure duri	na identified		nal protective equipme he workspace.	ctive equipment. Do not eat, drink or space.		
	Structur exposur	ral measures to pr re:	revent	No information available				
	Organis exposur	ational measures re:	•	Organization of work in order to reduce other worker's influence during work process.				
	Technic exposur	al measures to pr re:		Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.				
8.2.2.	Persona	al protection equi	oment:					
8.2.2.1.	Eye and	face protection:		Safety glasses tested and approved under appropriate standards such as EN 166(EU).				
8.2.2.2.	Skin pro	otection:						
	Hand p	rotection:		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.				



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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 Section 6				
	Structural measures to prevent exposure:	Use	modern equipment.			
	Organisational measures to prevent exposure:	Adapt the work process to the required working conditions workplace.				
	Technical measures to prevent exposure:	See	Section 6			

Information on basic phy	sical and chemical properties		
	Value	Method	
Physical state:	liquid	No information available	
Colour:	orange	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 point and boiling range:	iling No information available	No information available	
Flammability:	No information available	No information available	
Lower and upper explosion limit:	on No information available	No information available	
Flash point:	> 93.3 °C	No information available	
Auto-ignition temperatur	re: No information available	No information available	
Decomposition temperat	ure: 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 Particle charact		/apour density:	No information available	No information avail	able		
		haracteristics:	No information available No information		able		
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 effects							
	Acute toxicity:								
Route of exposure		Method	Species	Effect Dos LD ₅₀ /LC ATE _{mi}	se E ₅₀ or	Exposur time	e	Results	
Oral:		No information available	rat	LD	LD ₅₀ LD ₅₀ available		-	5.840 mg/kg (2-propanoll)	
Dermal:		No information available	rabbit	LD	No o information available		12.800 mg/kg (2-propanol)		
Inhalation:		No information available	rat	LC₅	LC ₅₀ LC ₅₀ 4 h (ammoni			37.5 mg/l (2-propanol) 9.850 mg/m ³ air (ammonia)	
Specific target organ toxicity - single exposure (STOT-SE):									
		Specific effects			Target organ			Note	
Oral:		No information avail	able		-		-		



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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 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



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Trade n	iame:		TISSU	JE MARKIN	IG DYES, ORANGE	
Produc	Product code: 3408-6-X**		Date of co	mpilation:	14 November 2022	Version: 5
	Carcinog	enicity:		Toxicology Research o	t classified as a carcinogen Program (NTP), the Interna n Cancer (IARC), or the Occu ninistration (OSHA).	tional Agency for
	Mutagenicity in-vitro:			No informa	tion available	
	Genotox	icity:		No informa	tion available	
	Mutager	nicity <i>in-vivo</i> :		No informa	tion available	
	Germ ce	l mutagenicity:		No informa	tion available	
	Reprodu	ctive toxicity:		No informa	tion available	
	Summar	y of evaluation of es:	the CMR	No informa	tion available	
11.2.	Informat	ion on other hazards:				
11.2.1.	Endocrin	e disrupting propertie	es:			
		n endocrine disruptin ct human health.	g properties			
11.2.2.	Other in	formations:				
	-					

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	-	-	-	-



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A.I. /		10	70.1						
Algae/aquati	-		72 ho			-		-	
Other organi	sms	-	-	-		-	-	-	•
		and degra	dability						
Abi		gradation							
	De	gradation h	alf-lives		Method		E	valuation	Note
Marine water	No inf	formation a	vailable	No ii	nformation ava	ilable	No inform	ation availa	ble -
Fresh water	No inf	formation a	vailable	No i	nformation ava	ilable	No inform	ation availa	ble -
Air	No inf	formation a	vailable	No i	nformation ava	ilable	No inform	ation availa	ble -
Soil	No inf	formation a	vailable	No i	nformation ava	ilable	No inform	ation availa	ble -
Bio	degrad	ation							
% Degradati	ion	Time (days)		Method		Evaluation		Note
No information		lo informat	on	No i	nformation	No ir	nformation	-	
available	a	vailable		avail	able	availa	able		
		llative poter							
		ater partitio	n coeffici						
Value		entration	рН	°C	Method		Evaluation		Note
No information available	No inf availa	formation ble	-	-	No informati available	on	No information available) –	
avallable									
Bio	concen	tration Fact	or (BCF)						
Value		Spec	ies		Method		Evaluation		Note
No information available		lo informat vailable	on	No ir avail	nformation able		information ailable	-	
Chi	ronic ec	otoxicity	;		1				
Valu	e	Dose		osure	Species		Method I	Evaluation	Note

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Produc	t code:	: 34	408-6-X**	Date of	compi	lation:	14 No	vember	2022	Version:	5
Chronic	toxicity	y on fish	1 LC ₅₀	No information available	No inform availat		No informa availab		No informatior available	n -	
Chronic crustace	-	•	EC ₅₀	No information available	No inform availat		No informa availab		No informatior available	n -	
12.4.	Mobi	ility in so	oil								
		-		ibution in envirc	onmenta	al compa	artments	•			
	Surfac	ce tensi	on:								
	Val	lue	°C	Concentr	ration		Metho	d		Note	_
	No inforr n avai	matio iilable	No information available	No inform available	ation	No info availat	formation ble -		-		
	Adaa		(docorrotion								
Transpo		A/D	' desorption coefficient	log Kow	E	vaporatio	on rate	Me	ethod	Note	
	ort ter	A/D Henry No info	coefficient 's constant rmation	log Kow No informat	ion N	vaporatio		No info	ormation	Note	
	ort ter a	A/D Henry No infor available	coefficient 's constant rmation	No informat available	ion N a'	lo inform vailable	ation	No info availab	ormation le	Note -	
Soil-wa	ort ter a	A/D Henry No info	coefficient 's constant rmation e rmation	No informat	ion N a'	lo inform	ation	No info availab	ormation le ormation	Note -	
Transpo Soil-wa Water-a Soil-air	ort ter air	A/D Henry No info available No info	coefficient 's constant rmation e rmation e rmation	No informat available No informat	ion N av ion N av	lo inform vailable lo inform	nation nation	No info availab No info availab	ormation le ormation le ormation	-	
Soil-wa Water-a Soil-air	ort fer a	A/D Henry No infor available No infor available No infor available	coefficient s constant rmation e rmation e rmation e	No informat available No informat available No informat available	ion N av ion N av	lo inform vailable lo inform vailable lo inform	nation nation	No info availab No info availab No info	ormation le ormation le ormation	-	
Soil-wa Water-a	ort Iter Iter Iter Iter Iter Iter Iter It	A/D Henry No infor available No infor available available Its of PB	coefficient s constant rmation e rmation e rmation e T and vPvB	No informat available No informat available No informat available	ion N av ion N av ion N av	lo inform vailable lo inform vailable lo inform vailable	nation nation nation	No info availab No info availab No info availab	ormation le ormation le ormation le	-	
Soil-wa Water-a Soil-air	ort nair nair nair nair nair nair nair nair	A/D Henry No infor available No infor available No infor available Its of PB	coefficient s constant rmation e rmation e rmation e T and vPvB ce/mixture c	No informat available No informat available No informat available	ion N av ion N av ion N av	lo inform vailable lo inform vailable lo inform vailable	nation nation nation ered to b	No info availab No info availab No info availab	prmation le prmation le prmation le persistent, b	- - iioaccumulative	
Soil-wa Water-a Soil-air	ort Result Result This s and to	A/D Henry No infor available No infor available Its of PB substance coxic (PB	coefficient s constant rmation e rmation e rmation e T and vPvB ce/mixture c	No informat available No informat available No informat available assessment ontains no comp ersistent and ve	ion N av ion N av ion N av	lo inform vailable lo inform vailable lo inform vailable	nation nation nation ered to b	No info availab No info availab No info availab	prmation le prmation le prmation le persistent, b	- - iioaccumulative	
Soil-wa Water-a Soil-air 12.5.	ort Inter And Conternation Inter And Conternation Internation Inte	A/D Henry No infor available No infor available No infor available Its of PB substance crine dis substance erties acc	coefficient 's constant rmation e rmation e rmation e T and vPvB ce/mixture c srupting pro- ce/mixture d ccording to l	No informat available No informat available No informat available assessment ontains no comp ersistent and ve	ion N av ion N av ion N av ponents ry bioad compo 7(f) or C	lo inform vailable lo inform vailable lo inform vailable s conside ccumulat	nation nation ered to b tive (vPvE nsidered on Deleg	No info availab No info availab No info availab e either (3) at leve	prmation le prmation le prmation le persistent, b ls of 0.1% o endocrine c	- - - vioaccumulative r higher.	
Soil-wa Water-a Soil-air 12.5.	ort Iter Iter Iter Iter Iter Iter Iter It	A/D Henry No infor available No infor available No infor available Its of PB substance crine dis substance erties ac mission	coefficient 's constant rmation e rmation e rmation e T and vPvB ce/mixture c srupting pro- ce/mixture d ccording to l	No informat available No informat available No informat available assessment ontains no comp ersistent and ve perties oes not contain REACH Article 57	ion N av ion N av ion N av ponents ry bioad compo 7(f) or C	lo inform vailable lo inform vailable lo inform vailable s conside ccumulat	nation nation ered to b tive (vPvE nsidered on Deleg	No info availab No info availab No info availab e either (3) at leve	prmation le prmation le prmation le persistent, b ls of 0.1% o endocrine c	- - - vioaccumulative r higher.	



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Trade name:		TISSUE MARKIN	IG DYES, ORANGE		
Product code:	3408-6-X**	Date of compilation:	14 November 2022	Version:	5

SECTION	I 13. Disposal considerat	ions
13.1.	Waste treatment method	S
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.	Wasta codos (wasta dos	ignations according to Law:
13.1.2.		according to official regulations.
13.1.3.	Waste treatment – relev	vant information:
	No information availabl	e
	1	
13.1.4.	Sewage disposal – relev	vant information:
	Waste must not be disp	oosed of into the sewage system.
13.1.5.	Other disposal recomm	endations:
	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	I 14. Transport informat	ion
	Transporting/shipment b	y road (ADR)
UN num	ber:	Not regulated
UN prop	er shipping name:	-
Transpor	t hazard class(es):	-
Packing	group:	-
Environm	nental hazards:	-
Special p	recautions for user:	-
	Transporting/shipment b	y rail (RID)
UN num	ber:	Not regulated
UN prop	er shipping name:	-
Transpor	t hazard class(es):	-
Packing	group:	-



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Environmental haza	ards	_	
Special precautions		_	
· ·	ting/shipment by inla	nd waterways (ADN)	
UN number:	ing/shphent by ind	Not regulated	
UN proper shipping	a name.	-	
Transport hazard c		_	
Packing group:		_	
Environmental haza	ards:	_	
Special precautions		_	
	ting/shipment by sea	(IMDG)	
UN number:		Not regulated	
UN proper shipping	g name:	-	
Transport hazard c		-	
Packing group:		-	
Environmental haza	ards:	-	
Special precautions	s for user:	-	
Transport in bulk a of MARPOL73/78 a	ccording to Annex II and the IBC code:	-	
Transpor	ting/shipment by air	(ICAO-TI/IATA-DGR)	
UN number:		Not regulated	
UN proper shipping	g name:	-	
Transport hazard c	lass(es):	-	
Packing group:		-	
Environmental haza	ards:	-	
Special precautions	s for user:	-	
Further informatior	n: -		

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



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		1	1					

	Other EU regulations:	 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC; Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work; Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC- guideline)	
	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act
15.2.	Chemical safety assessment	

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

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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.	Relevant H statements (nu		mber and full text)	
	H:	221	Flammable gas.	
		225	Highly flammable liquid and vapour.	
		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:		-	
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