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Trade name:		ВІО	CLEAR		
Product code:	BC-X**	Date of compilation:	08 May 2019	Version:	3

SECTI	ON 1: Identification of	the substan	ce/mixture a	nd of the company/undertaking	
1.1.	Product identifier				
	Trade name:	BIOCLEAR	{		
	Chemical name:	-			
	Catalogue number:	BC-X**			
1.2.	Relevant identified us	es of the sub	stance or mix	ture and uses advised against	
	Uses:		For use in hi	stology and cytology	
	Uses advised against:		Only the ide	ntified uses are advised	
	Reason why uses advi	sed	•	is intended for use only as an <i>in vitro</i> diagnostic medical here is no reason to use it for other purposes	
1.3.	Details of the supplier of the safety data sheet				
	Supplier:		BioGnost Ltd.		
	Address:		Medjugorska 59, Zagreb		
	Telephone number:		+385 1 2409997		
	Telefax:		+385 1 2404039		
	e-mail of competent p	person:	msds@biog	<u>nost.hr</u>	
	National contact:		-		
1.4.	Emergency telephone numbers				
	National Protection a	nd Rescue D	irectorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			-	

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*:					
	Flam. Liq. 3	H226					
	Asp. Tox. 1	H304					
	Acute Tox. 4	H312					
	Acute Tox. 4	H332					
	Skin Irrit. 2	H315					
	Eye Irrit. 2	H319					
	STOT SE 3	H335					
	STOT RE 2	STOT RE 2 H373					
2.1.2.	Additional information						
	-						



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2.2.	Label elements			
	Product identification:	BIOCLEAR		
	Identification number:	-		
	Authorisation number:	-		
	Hazard pictograms:	GHS02  GHS07  GHS08		
	Signal word:	Danger		
	Hazard statement:	<ul> <li>H226 Flammable liquid and vapor.</li> <li>H304 May be fatal if swallowed and enters airways.</li> <li>H312+H332 Harmful in contact with skin or if inhaled.</li> <li>H315 Causes skin irritation.</li> <li>H319 Causes serious eye irritation.</li> <li>H335 May cause respiratory irritation.</li> <li>H373 May cause damage to organs through prolonged or repeated exposure.</li> </ul>		
	Precautionary statements:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 Wear protective gloves/protective clothing/eye/protection/face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor. P331 DO NOT induce vomiting. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.		
	Supplemetal hazard information (EU):	-		



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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)				
1330-20-7/ 215-535-7/ 601-022-00-9	01-2119488216-32- XXXX	≤100	xylene	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Acute Tox. 4; H312 Acute Tox. 4, H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 STOT RE 2; H373				

SECTI	TION 4. First aid measures				
4.1.	Description of first aid meas	sures			
	General notes:	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident. Immediately remove any clothing soiled by the product.			
	Following inhalation:	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.			
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water and soap and rinse thoroughly. If symptoms persist, consult a doctor.			
	Following eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.			
	Following ingestion:	DO NOT induce vomiting. If symptoms persist, consult a doctor.			
	Self-protection of the first aider	Avoid direct contact with the chemical; use appropriate protective equipment described in Section 8.			
4.2.	Most important symptoms a	and effects, both acute and delayed			
	Following inhalation:	High concentration vapor inhalation may cause headache, dizziness, difficult breathing and unconsciousness.			
	Following skin contact:	Causes skin irritation, redness, swelling. Prolonged or repeated contact causes defatting and dry skin.			
	Following eye contact:	Vapors irritate eyes. Splashing may cause irritation and redness.			



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	Following ingestion:	Nausea, vomiting (danger of aspiration), diarrhoea. Aspiration may cause headache, vertigo, nausea, dazed feeling-unconsciousness/coma, possible hypothermia, reactions to the heart/circulatory system such as vasodilation (flush), hypotension, arrhythmia (possible ventricular fibrillation through cardiac sensitization), danger of central respiratory paralysis or of cardiac arrest; functional disturbance to the liver and kidneys and persistent disturbance to the CNS as sequelae.	
4.3.	Indication of any immediate medical attention and special treatment needed		
	No further relevant information available.		

SECTIO	SECTION 5. Firefighting measures					
5.1.	Extinguishing media					
	Suitable extinguishing media:	CO <sub>2</sub> , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.				
	Unsuitable extinguishing media:	water with full jet				
5.2.	Special hazards arising from the substance or mixture					
	Hazardous by products of fire:	Formation of toxic gases is possible during heating or in case of fire.				
5.3.	Advice for firefighters					
	Use a self-contained open-circuit compressed air breathing apparatus and fireproof clothing.					
5.4.	Additional information					
	Collect contaminated firefighting water separately.  Do not contaminate the environment with extinguishing media.					

SECTIO	ON 6. Accidental release measures	
6.1.	Personal precautions, protective ed	quipment and emergency procedures
6.1.1.	For non-emergency personnel	
	Protective equipment:	Use personal protective equipment (see Section 8). Keep unprotected persons away.
	Accident prevention methods:	Evacuate members of all non-essential personnel and those members without protective equipment. Do not breathe in vapor, ensure adequate ventilation and avoid contact with skin and eyes. Remove all sources of sparks and ignition. Do not smoke.
	Emergency procedures:	Mark the area using proper signs.
6.1.2.	For emergency responders:	
	Use protective equipment; in case (see Section 8).	of inadequate ventilation use adequate airways protective equipment
6.2.	Environmental precautions:	
	Do not dispose of in sewage, drain Protection and Rescue Directorate	age system and waterways. In case of large spillage contact National (NPRD) on 112.



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6.3.	Methods and materials for o	containment and cleaning up
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.
6.3.2.	Cleaning up:	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and and involved materials with water.
6.3.3.	Other information:	Do not use tools that may cause sparks.
6.4.	Reference to other sections	
	See Section 7 for information See Section 8 for information See Section 13 for ,disposal	on on personal protection equipment.

SECTIO	ON 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. Keep away from sources of heat and ignition. Carry out measures for preventing static electricity.			
	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 wa	ash hands after work and before eating.			
7.2.	Conditions for safe storage, including any incom	patibilities				
	Technical measures and storage conditions:	well ven	tightly closed and upright set containers in a tilated storage rooms, and away from sources sunlight, and other incompatible substances.			
	Packaging materials:	Manufa	cturer's original packaging.			
	Requirements for storage rooms and vessels:	Keep aw tightly o	vay from food and drink. Keep the containers losed.			
	Advices for storage equipment:	must be drain th	rage must be made of hard material; floors resistant to chemicals. There must be no at directly leads into sewage system. Secure ventilation.			



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	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 10).
7.3.	Specific end use(s)	
	Recommendations:	-
	Industrial sector specific solutions:	-

SECTION 8. Exposu	re contr	ols/persona	l protec	tion				
8.1. Control par	ameters							
Substance				Occupational exposure limit values/short term values			Biological limit values	
				ı	opm	mg/m³		-
Xylene (all isomers)		1330-20-7		50	0/100	220/440	blood, 1.50 g, creatin	g/L (14.13 µmol/L) xylene, end of shift /g (0.88 mol/mol) ine (methyl hippuric acid, end of shift)
Substance: -								
EC No: -		CAS No:	-					
DNEL			·					
				Inc	lustrial			
Route of exposure:		te effect local			ute effect Chronic ef ystemic local			Chronic effect systemic
Oral	-		-			-		-
Inhalation	289 m	g/m³	-			-		77 mg/m <sup>3</sup>
Dermal	-		-			-		180 mg/kg
Critical physical para	meters:	solubility, fla	mmabilit	y, cor	rosivity:	-		
				Coi	nsumer			
Route of exposure:	Acu	te effect	te effect Acute		fect	Chronic effect		Chronic effect
Noute of exposure.		local	9	systen	nic	lo	ocal	systemic
Oral	-		-			-		-
Inhalation	174 m	g/m³	-			-		14,8 mg/m <sup>3</sup>
Dermal	-		-			-		108 mg/kg
PNEC								
Environmental prote	ction tar	get			PNEC			
Fresh water					0.327 mg	g/l		



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Facilities 1			12.46
	er sediments		12.46 mg/kg
Marine w			0.327 mg/l
Marine se			12.46 mg/kg
Food cha	in		0.327 mg/l
Microorg	anisms in sewage treatment		6.58 mg/l
Soil (agrid	cultural)		2.31 mg/kg
Air			No information available
8.2.	Exposure controls		
8.2.1.	Appropriate engineering control	5	
	Substance/mixture related measures to prevent exposure during identified uses:	Use per the wor	rsonal protective equipment. Do not eat, drink or smoke in kspace.
	Structural measures to prevent exposure:	No information available	
	Organisational measures to prevent exposure:	_	zation of work in order to reduce other worker's influence work process.
	Technical measures to prevent exposure:		proper workspace ventilation in order to keep tration levels in air below permitted levels.
8.2.2.	Personal protection equipment:		
8.2.2.1.	Eye and face protection:	testec	shield and safety glasses Use equipment for eye protection and approved under appropriate government standards as EN 166(EU)
8.2.2.2.	Skin protection	<u>i</u>	
		techni contac satisfy standa	s must be inspected prior to use. Use proper glove removal ique (without touching glove's outer surface) to avoid skin ct with this product. The selected protective gloves have to the specifications of EU Directive 89/686/EEC and the ard EN 374 derived from it.
	Hand protection:		Glove material: Viton Glove thickness: 0.7 mm Break through time: 480 min n contact: Glove material: Nitrile rubber Glove thickness: 0.4 mm Break through time: 35 min
	Other skin protection:	antista equip	ollete suit protecting against chemicals, flame retardant atic protective clothing (EN 13688). The type of protective ment must be selected according to the concentration and nt of the dangerous substance at the specific workplace.



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8.2.2.3.	Respiratory protection:	Where risk assessment shows air-purifying respirators are appropriate use type ABEK (EN 14387) respirator cartridges as a backup to engine protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).
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 of the workplace.
	Technical measures to prevent exposure:	See Section 6

Information on basic physical and chemi	cal properties	
	Value	Method
Physical state:	Liquid	No information available
Colour:	Colorless	No information available
Odour:	Aromatic	No information available
Odour threshold:	No information available	No information available
рН:	No information available	No information available
Melting point / freezing point;	- 34 °C	No information available
Initial boiling point and boiling range:	138 - 142 °C	No information available
Flash point:	25 °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:	lower: 1 %(V) upper: 7 %(V)	No information available
Vapour pressure:	8.7 – 8.9 hPa (20 °C)	No information available
Vapour density:	No information available	No information available
Relative density	No information available	No information available
Bulk density:	0.87 (20 °C)	No information available
Solubility(ies):	No information available	No information available
Partition coefficient: n-octanol/water (log Pow):	log Pow 2.95	No information available
Auto-ignition temperature:	460 °C	No information available



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	Decomposition temperature:	No information available	No information available
	Viscosity:	0,812 mPa.s (20 °C)	No information available
	Explosive properties:	Possible occurrence of explosive vapor/air mix.	No information available
	Oxidising properties:	No information available	No information available
2.	Other information		
	-		

SECTIO	SECTION 10.: Stability and reactivity					
10.1.	Reactivity:	No relevant information available.				
10.2.	Chemical stability:	The product is chemically stable under recommended stora conditions.				
10.3.	Possibility of hazardous reactions:	No dangerous reactions known.				
10.4.	Conditions to avoid:	Sources of heat, flamesa and sparks.				
10.5.	Incompatible materials:	Strong oxidizing agents.				
10.6.	Hazardous decomposition products:	Carbon monoxide.				

SECTION 11. Toxicological information									
11.1. Inform	11.1. Information on toxicological effects								
Acute t	Acute toxicity:								
Route of exposure:	Method	Species	Effective Dose $LD_{50}/LC_{50}$ or $ATE_{mixture}$	Exposure ti	me Results				
Oral:	No information available	rat	LD <sub>50</sub>	No informati available	ion 3,523 mg/kg (xylene)				
Dermal:	No information available	rabbit	LD <sub>50</sub>	No informati available	ion 1,134 mg/kg (xylene)				
Inhalation:	No information available	rat	LC <sub>50</sub>	4 h	11,23 mg/l (xylene)				
Specifi	c target organ toxicity -	single exposure	(STOT-SE):						
	Specif	Target	organ	Note					
Oral:	No information av	No information available		n available	-				
Dermal:	No information available		No information	n available	-				
Inhalation: No information available		Respiratory sy	/stem	May cause respiratory irritation					



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Aspirat	ion hazard	d:		May cause enters respi			May be fatal if sv	wallowed and
Irritatio	n and cor	rosion						
·			osure me	Species	Evaluatio	on Metl	nod	Note
Skin corrosion/i	rritation	24h		obit lene)	<b>–</b>	-	Causes	skin irritation.
Serious eye damage/irritatio	n	-	-		-	-	No info	mation available
Sensitiz	zation							
Skin sensitizatio	n:	No informa	tion availabl	е				
Respiratory sensitization:		No informa	ition availabl	e				
Sympto	oms relate	d to physic	al, chemical,	and toxicol	ogical prop	perties		
Oral exposure:	Nausea, vomiting (danger of aspiration nausea, dazed feeling-unconsciousnes heart/circulatory system such as vaso ventricular fibrillation through cardiac of cardiac arrest; functional disturbanthe CNS as sequelae.				ation (flush ensitization	n), hypotens n), danger o	sion, arrhythmia f central respira	(possible Itory paralysis or
Dermal exposur	e: Caus dry s		ation, redne	ss, swelling.	Prolonged	or repeate	d contact cause	s defatting and
Inhalation exposure:	brea	thing and s	uffocating. H	High concen	tration vap	or inhalatio	•	t, cough, difficult eadache, malaise ers.
Eye exposure:			eyes. Splashi ohotophobia		se irritation	and redne	ss, lacrimation,	pain, swelling,
Repeat	ed dose to	oxicity (sub	acute, subch	ıronic, chror	nic)			
ļ <b>1</b>		ose	Exposure time	Species		ethod	Evaluation	Note
Subacute oral	No inta	formation e	No information available	No informa available		ormation ailable	No information available	-
Subacute dermal	No inta	formation e	No information available	No informa available		ormation ailable	No information available	-



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

Chacific target	araan tavicity	ropostod ox	(DOCUEO (CTOT DE)
Specific farder	Ordan toxicity	/ - rebeated ex	(posure (STOT-RE):

	Specific effects	Target organ	Note
Subacute oral	No information available	No information available	-
Subacute dermal	No information available	No information available	-
Subacute inhalation	No information available	No information available	-
Subchronic oral	No information available	No information available	-
Subchronic dermal	No information available	No information available	-
Subchronic inhalation	No information available	No information available	-
Chronic oral	No information available	No information available	-
Chronic dermal	No information available	No information available	-
Chronic inhalation	No information available	Central nervous system, liver, kidney	May cause damage to organs.

CMR effects (carcinogenic	CMR effects (carcinogenicity, mutagenicity, reproductive toxicity)			
Carcinogenicity:	Tests on animals did not reveal carcinogenic effect.			
Mutagenicity in-vitro:	Current in vitro tests did not indicate mutagenic effects.			
Genotoxicity:	No information available			
Mutagenicity in-vivo:	Current in vivo tests did not indicate mutagenic effects.			



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r				. age <b>=</b> =	0. 20
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	Germ cell mutagenicity:	No information available				
	Reproductive toxicity:	No effect on fertility.				
	Summary of evaluation of the CMR properties:	Studies did not demonstrate CMR effects.				
11.2.	Practical experiences:					
	Classification observations:	No information available				
	Other observations:	No information available				
11.3.	General notes:	General notes:				

#### **SECTION 12. Ecological information** 12.1. **Toxicity** Acute (short-term) Exposure Dose **Species** Method Evaluation Note toxicity time Oncorhynchus No mykiss (rainbow Fish $LC_{50}$ 96 hours information 3.3 mg/l trout) available No information 75.49 mg/l Crustacea: $EC_{50}$ 48 hours Daphnia magna available No Pseudokirchneriella Algae/aquatic 72 hours information 72 mg/l $IC_{50}$ plants: subcapitata available Other organisms: Chronic (long-term) Exposure Doza **Species** Method Evaluation Note toxicity time No No No information $LC_{50}$ information information Fish 96 hours available available available No No No information $EC_{50}$ 48 hours information information Crustacea: available available available No No Algae/aquatic No information $IC_{50}$ 72 hours information information plants: available available available -Other organisms: -\_ --



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12.2. Pers	isten	ce and degrad	ability								
Abio	tic de	egradation									
		Degradation l	nalf-lives			Method		[	valuat	ion	Note
Marine water	No	information available			No inf	ormation availa	able	No inforn	nation	available	-
Fresh water	No	information a	vailable		No inf	ormation availa	able	No inforn	nation	available	-
Air	No	information available			No inf	ormation availa	able	No inforn	nation	available	-
Soil	No	information a	vailable		No inf	ormation availa	able	No inforn	nation	available	-
Biod	egrad	dation									
% Degradati		Time (da	vs)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	М	ethod		Evaluation		Note	 e
No information			rmation		o inform ailable			information ailable		tremely odegradable	
12.2 Piece		ulativa natant	ial								
		ulative potent vater partition		n+ /l	og Kow	<u> </u>					
Value		oncentration	рН	111 (1	°C	Method	2 2 3 4 5 6 6 7	Evaluation		No	to
log Kow	No	information	рп			No information	1	No informatio		INC	<u></u>
2.95		able	-	-	. :	available	•	available		_	
D:			(PCF)		-						
Value	oncei	ntration Factor Spe				Method	0 0 0 0 0 0 0 0 0	Evaluation	9 9 9 9 9 9	Not	Δ
No information	on	No informat						No information available		- Note	
					3.31100						
Chrc	nic e	cotoxicity					:		i		
Value Do		ose		osure ime	Species		Method	Ev	aluation	Note	
Chronic toxicity on fish		n fish LC <sub>50</sub>	ir	lo nforr vaila	mation ible	No information available	1	No information available	No infor avail	mation able	-
Chronic toxic	ity or	1 EC <sub>50</sub>	٨	lo		No		No	No		-



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crustac	cea (D	aphnia	)		information available	informa availabl		formation vailable	inform availab			
12.4.	Mo	bility ir	soil									
	-	-		tributi	on in environm	ental com	partments:					
			ation availab									
		face te										
		Vá	alue		°C	Conc	entration		Method	<u> </u>	Note	
	No ava	ilable	information	No avail	information able	No inforr available	nation	No info	rmation	available	-	
	Ads		n / desorptio	n								
Transp	ort		D coefficient nry's constant	ţ	log Kow	Evapo	Evaporation rate		Method		Note	
Soil-W	ater	No availa	information able		lo informatio vailable	on No int availal	ormation ole	No inforr available	No information available			
Water-	-Air	No availa	information ble		lo informatio vailable	on No inf availal	ormation ole	No inforr available	nation	-		
Soil-Aiı	r	No availa	information able		lo informatio vailable	on No inf availal	ormation ole	No inforr available	nation	-		
12.5.			PBT and vPvE		ssment							
	No	inform	ation availab	e								
12.6.	Oth	ner adv	erse effects									
	No	inform	ation availab	e								
SECTIO	ON 13	B. Dispo	osal conside	ration	S							
13.1.	V	/aste p	rocessing me	thods								
13.1.1.	P	roduct/	Packaging di	sposa	l:							
	S		or disposal to	•	egal person au	thorized by	the Minis	try of Enviro	nmental	and Natu	re	
1312	۱۸	laste co	ndes/waste d	esiana	ations according	a to Low.						



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	Disposal must be made according to official regulations.					
13.1.3.	Waste tretment – relevan	t information				
13.1.3.	No information available	tillomation				
	TVO IIIIOTTIAGOTI available					
13.1.4.	Sewage disposal – relevar	nt information:				
		sed of into the sewage system.				
	!	3 7				
13.1.5.	Other disposal recommer	ndations:				
	Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge. Do not dispose of in places where ignition may occur.					
13.1.6.	Relevant Community prov	visions:				
	-					
SECTIO	N 14. Transport informatio	n				
	Transporting/shipment by r	oad (ADR)				
UN num	ber:	1307				
UN prop	per shipping name:	Xylenes				
Transpo	rt hazard class(es):	3				
Packing	group:	III				
Environr	mental hazards:	-				
Special	orecautions for user:	-				
	Transporting/shipment by r	ail (RID)				
UN num	ber:	1307				
UN prop	er shipping name:	Xylenes				
Transpo	rt hazard class(es):	3				
Packing	group:	Ш				
Environr	mental hazards:	-				
Special p	orecautions for user:	-				
	Transporting/shipment by i	nland waterways (ADN)				
UN number:		1307				
UN prop	er shipping name:	Xylenes				
Transpo	rt hazard class(es):	3				
Packing	group:	ш				
Environr	mental hazards:	-				



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Trade name:	BIO		OCLEAR			
Product code:	BC-X**	Date of compilation:	08 May 2019	Version:	3	

Special precautions for user:	-
Transporting/shipment by sea (IM	MDG)
UN number:	1307
UN proper shipping name:	Xylenes
Transport hazard class(es):	3
Packing group:	ш
Environmental hazards:	-
Special precautions for user:	-
Transport in bulk condition in accordance with Annex II. of MARPOL 73/78 and IBC Codex:	-
Transporting/shipment by air (IC	AO-TI/IATA-DGR)
UN number:	1307
UN proper shipping name:	Xylenes
Transport hazard class(es):	3
Packing group:	Ш
Environmental hazards:	-
Special precautions for user:	-
Further information: -	

SECTIO	SECTION 15. Regulatory information				
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:	BIOCLEAR				
Product code:	BC-X**	Date of compilation:	08 May 2019	Version:	3

	None			
15.2.	Chemical safety assessmen	t		
	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		
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)			
	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. 453/2010 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		

SECTIO	SECTION 16. Other information				
16.1.	Indication of changes:	-			
16.2.	Abbreviations and acronyms:	PBT Stable, bioaccumulative and toxic  vPvB Strongly stable and strongly bioaccumulative  LD <sub>50</sub> Lethal dose, 50%  LC <sub>50</sub> Lethal concentration, 50%  STOT – SE Specific target organ toxicity - single exposure			
16.3.	Key literature references and source of data:	-			
16.4.	Classification and procedure 1272/2008 (CLP)	used to derive the classification for mixture according to Regulation (EC)			
Classific	cation	Classification procedure			
_		-			
16.5.	Relevant H statements (num	per and full text)			



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Trade name:	BIOCLEAR				
Product code:	BC-X**	Date of compilation:	08 May 2019	Version:	3

	H: H226		Flammable liquid and vapor.		
	H304		May be fatal if swallowed and enters airways.		
	H312		Harmful in contact with skin.		
		H332	Harmful if inhaled.		
		H315	Causes skin irritation.		
		H319	Causes serious eye irritation.		
		H335	May cause respiratory irritation.		
		H373	May cause damage to organs through prolonged or repeated exposure.		
16.6.	Training advice:		-		
			** "X" in the product code marks different volumes (different packaging of the product)		
16.7.	Further 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: Exposure scenario resulting to Chemical safety assessment