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Trading name:	EOSIN Y 1% AQUEOUS				
Product code:	EOY-10-OT-X**	Date of compilation:	14 November 2022	Version: 3	

SECTI	ON 1: Identification of	the substan	ce/mixture a	and of the company/undertaking	
1.1.	Product identifier				
	Trading name:	EOSIN Y 1	% AQUEOUS	5	
	Chemical name:	-			
	Catalogue number:	EOY-10-0	T-X**		
1.2.	Relevant identified use	es of the sub	ostance or mi	xture and uses advised against	
	Uses:		For cytop	lasm contrast staining.	
	Uses advised against:		Only the i	dentified uses are advised.	
	Reason why uses advis	vised against: The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Production Medical Devices and there is no reason to use it for other pure			
1.3.	Details of the supplier	of the safet	y data sheet		
	Supplier:		BioGnost Ltd.		
	Address:		Medjugorska 59, Zagreb		
	Telephone number:		+385 1 2409997		
	Fax no.:		+385 1 2404039		
	e-mail of competent p	erson: <u>I</u>	msds@biognost.hr		
	National contact:				
1.4.	Emergency telephone	number			
	National Protection ar	nd Rescue Di	irectorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			-	

SECTIO	CTION 2. Hazards identification				
2.1.	Classification of the substance or	nixture			
2.1.1.	Classification according to Regula	ion (EC) No 1272/2008 (CLP)			
	Hazard class and category	code: Hazard statements*:			
	Not identified as hazardous subst	ince			
2.1.2.	Additional information				
	-				
*For ful	l text of Hazard- and EU Hazard-sta	tements: see Section 16			
2.2.	Label elements				
	Product identification:	EOSIN Y 1% AQUEOUS			
	Identification number:	-			
	Authorization no.:	-			
	Hazard pictograms:	-			



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	Signal word:	-
	Hazard statements:	-
	Precautionary statements:	-
	Supplemetal hazard information (EU):	-
2.3.	Other hazards	
	Endocrine Disrupting Properties:	
	No known endocrine disrupting prop	erties.

SECTION 3. Co	SECTION 3. Composition/information on ingredients					
CAS/ EC/ Index no.	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)		
-	-	-	Contains no hazardous substances	-		

SECTI	ON 4. First aid measures			
4.1.	Description of first aid measures			
	General notes:	-		
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well- ventilated area or out for fresh air. If breathing becomes erratic or it stops, immediately apply artificial respiration (other than mouth-to- mouth) and contact a physician.		
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water and soap. Seek medical assistance if the symptoms of irritation remain.		
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open using clean fingers. If the symptoms remain, immediately call a physician.		
	Following ingestion:	Do not induce vomiting. Make the afflicted person drink a glass of water. If spontaneous vomiting occurs, wash the mouth with water, then make the person drink 100-200 ml of water and seek medical attention.		
	Self-protection of the first ai	der: Treat symptomatically.		
4.2.	Most important symptoms a	nd effects, both acute and delayed		
	Following inhalation:	Inhalation of large amounts of vapors in inadequately ventilated perimeter may cause coughing, sneezing, headache and nausea.		
	Following skin contact:	Slight irritation. After short exposure, resorption effects are not likely. Long- term exposure may cause drying, cracking and tingling sensation of skin.		
	Following eye contact:	Direct eye contact may cause slight to moderate irritation, lacrimation and burning sensation.		



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	Following	ingestion:	Swallowing may cause irritat burning sensation; higher lev abdominal pain and vomitin coughing, difficult breathing suffocation.	vels of concentration may g. In case of vomiting, asp	cause nausea	5	
4.3.	Indication	n of any immediate medical attention and special treatment needed					
	-						

SECTIO	CTION 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Small fire - water spray, dry powder, CO ₂ Large fire - water spray or alcohol-resistant foam			
	Unsuitable extinguishing media:	water jet			
5.2.	Special hazards arising from the substance or mixture				
	Hazardous combustion products:	No information available			
5.3.	Advice for firefighters				
	Use a self-contained open-circuit containers exposed to f	ompressed air breathing apparatus and fireproof clothing. fire with water spray or vapor.			
5.4.	Additional information				
	Remove sources of heat and ignition Do not contaminate the environment				

SECTIC	ECTION 6. Accidental release measures				
6.1.	Personal precautions, protect	ive equipment and emergency procedures			
6.1.1.	For non-emergency personne	1			
	Protective equipment:	Use personal protective equipment (see Section 8).			
	Accident prevention methods: Evacuate members of all non-essential personnel and the members without protective equipment. Remove all sources sparks and ignition. Do not smoke.				
	Emergency procedures: Mark the area using proper signs.				
6.1.2.	For emergency responders:				
	Wear 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 material for containment and cleaning up				
6.3.1.	Bunding, covering of drains; capping procedures: Sand or clay barriers.				



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6.3.2.	Cleaning	ιp:	Where possible, the substar material (sand, diatomaceou in tightly closed impermeat ventilated storage rooms ur persons authorized by the N Protection. After disposal of materials with water.	us earth, vermiculite). Plac ole containers. Store the su ntil disposal. Submit for di Ministry of Environmental	e the waste material ubstance in well sposal to the legal and Nature
6.3.3.	Other information:		-		

6.3.3.	Other information: -
6.4.	Reference to other sections
	See Section 7 for information about secure handling.
	See Section 8 for information about personal protective equipment.
	See Section 13 for information about containment.

SECTIO	ON 7. Handling and storage				
7.1.	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:	Keep away from sources of heat and ignition. Do not smoke.			
	Measures to prevent aerosol and dust generat	ion: 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 incompatibilities				
	Technical measures and storage conditions:	Keep in tightly closed and upright set containers in a well ventilated storage rooms, and away from sources of heat, sunlight, and other incompatible substances.			
	Packaging materials:	Manufacturer's original packaging.			
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.			
	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)				



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Recommendations:	-
Industrial sector specific solutions:	-

SECTION 8. Exposure controls/personal protection									
8.1.	Control	oaramete	rs						
	Substand	ce	CASI	No			exposure limit term values	Biological limit values	
				р	pm	mg/m³			
-		-			-	-	No information available		
Substa name:	ince -								
EC No:	: -		CAS No:	-					
DNEL									
					Indu	ustrial			
Route	of exposur	<u>a</u> .	Acute		Acute		Chron	ic Chronic	
Roule	or exposur	e. 6	effect local	effe	ect syste	emic	effect lo	ocal effect systemic	
Oral		-		-			-	-	
Inhalat	tion	-		-			-	-	
Derma	I	-		-			-	-	
Critica	l physical p	arameter	s: solubility, fla	mmabili	ty, corro	osivity:	-		
				1	Con	sumer			
Route	of exposur	e:	Acute				Chron		
			effect local	effect sys		emic	effect lo	ocal effect systemic	
Oral		-		-			-	-	
Inhalat		-		-			-	-	
Derma		-		-			-	-	
PNEC									
	nmental pr	otection	arget			PNEC			
Fresh v						No information available			
	ater sedim	ents				No information available			
Marine water				No information available					
	e sediments	5					mation availabl		
Food o							mation availabl		
	-	n sewage	treatment				mation availabl		
Soil (ag	gricultural)					No infor	mation availabl	e	



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Air			No information available			
8.2.	Exposure controls					
8.2.1.	Appropriate engineering	controls	S			
	Substance/mixture relate measures to prevent exp during identified uses:		Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace.			
	Structural measures to preserve exposure:	revent	No information available			
	Organisational measures prevent exposure:	to	Organization of work in order to reduce other worker's influence during work process.			
	Technical measures to pr exposure:	event	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.			
8.2.2.	Personal protection equi	Jipment				
8.2.2.1.	Eye and face protection:		Safety glasses that stick to face (preventing splashing) (EN 166) or visor.			
8.2.2.2.	Skin protection					
			ective gloves must be according to the EU Directive 2016/425/EEC and dard EN 374. Glove material: nitrile rubber Glove thickness: ≥0.50 mm Break through time: >480 min			
	Other skin protection:		r antistatic clothing made of natural fibers (such as cotton) with long ves (EN 13034), and shoes that cover the entire foot (EN 10335).			
8.2.2.3.	Respiratory protection:	filter f	ctive full face mask (EN 136) or half mask (EN 140) equipped with a for organic vapors, type "A" (boiling point >65°C) acording to EN 7) used when concentration levels exceed GVI.			
8.2.2.4.	Thermal hazards:	No inf	iformation available			
8.2.3.	Environmental exposure	controls	5			
	Substance/mixture relate measures to prevent exp		See Section 6			
	Structural measures to pr exposure:	revent	Use modern equipment.			
	Organisational measures prevent exposure:	to	Adapt the work process to the required working conditions of the workplace.			
	Technical measures to pr exposure:	event	See Section 6			



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	Value	Method
Physical state:	liquid	No information available
Color:	dark red	No information available
Odour/odour threshold:	no odor/no information available	No information available
Melting point / freezing point:	No information available	No information available
Boiling point or initial boiling point and boiling range:	No information available	No information available
Flammability:	No information available	No information available
Lover and upper explosion limit:	No information available	No information available
 Flash point:	No information available	No information available
Auto-ignition temperature:	No information available	No information available
Decomposition temperature:	No information available	No information available
pH:	5.5 – 5.75	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	No information available	No information available
Relative vapour density:	No information available	No information available
Particle characteristics:	No information available	No information available

SECTIO	SECTION 10.: Stability and reactivity				
10.1.	Reactivity:	See subsections 10.3 through 10.5.			
10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using.			
10.3.	Possibility of hazardous reactions:	No information available.			
10.4.	Conditions to avoid:	No information available.			
10.5.	Incompatible materials:	No information available.			
10.6.	Hazardous decomposition products:	No information available.			

SECTION 11. Toxicological information



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11.1. Informatio	n on hazard classes as	defined in Regul	ation (EC) No 127	2/2008	
Acute toxic	city:				
Route of exposure:	Method	Species	Effective Dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure t	ime Results
Oral exposure:	No information available	-	LD ₅₀	-	-
Dermal exposure:	No information available	-	LD ₅₀	-	-
Inhalation exposure:	No information available	-	LC ₅₀	-	-
Specific ta	rget organ toxicity – si	ngle exposure (S	fot se):		
		ic effects	Target	organ	Note
Oral exposure:	No information		No information	-	-
Dermal exposure:	No information		No informatio	on available	-
Inhalation exposure	: No information	available	No informatio	on available	-
	:		I		:
Aspiration	hazard:	No inform	nation available		
E •					
Irritation a	nd corrosion:				
	Exposure time	Species	Evaluation	Method	Note
Skin irritation:	-	rabbit	_		
Eye irritation:	-	rabbit	-		
	1	I		I	
Sensitizatio	on				
Dermal exposure:	No information avail	able			
Inhalation exposure:	No information avail	able			
Symptoms	related to the physica	l, chemical and to	oxicological chara	cteristics	
	Swallowing may c				e mouth, burning ninal pain and vomiting
Oral exposure:		g, aspiration caus	ses coughing, diffi	cult breathing	. Higher levels of



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Product code:	EOY-10-OT->	۲** Date o	of compilation	n: 14 November 2022		Version: 3	
Inhalation exposi	Ire [.]	of large amount meezing, heada	•	nadequately vent a.	tilated perime	eter may cause	
Eye exposure:	Direct eye sensation.	contact may cau	use slight to mo	oderate irritation,	lacrimation a	and burning	
			· · · · · ·				
Repeate	d dose toxicity (su		onic, chronic)				
	Dose	Exposure time	Species	Method	Evaluation	Note	
Subacute oral	No informatior available	No information available	No information available	No information available	No informatio available	n -	
Subacute dermal	No informatior available	No information available	No information available	No information available	No informatio available	n -	
Subacute inhalation	No informatior available	No information available	No information available	No information available	No informatio available	n -	
Subchronic oral	ronic oral No information available		No information available	No information available	No informatio available	n -	
Subchronic dermal	No informatior available	No information available	No information available	No information available	No informatio available	n -	
Subchronic inhalation	No informatior available	No information available	No information available	No information available	No informatio available	n -	
Chronic oral	No informatior available	No information available	No information available	No information available	No informatio available	n -	
Chronic dermal	ronic dermal No information available		No information available	No information available	No informatio available	n -	
Chronic inhalation	No informatior available	No information available	No information available	No information available	No informatio available	n -	
- ···			·				
Specific	target organ toxic			-			
		Specific effects		Target organ		Note	
Subacute oral		nation available		o information ava		-	
Subacute dermal Subacute inhalat		nation available nation available		o information ava		-	



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Subchro	onic oral	No informatio	n available	No ir	nformation available	_		
Subchronic dermal No informatio				nformation available	-			
Subchro	onic inhalati	on No information	n available	No ir	formation available	-		
Chronic	oral	No information	n available	No ir	nformation available	-		
Chronic dermal No informatio		n available	No ir	nformation available	-			
Chronic inhalation No information		n available	No ir	nformation available	-			
	CMR effec	ts (carcinogenicity; m	nutagenicity; repro	ductive to	oxicity)			
	Carcinogenicity:		Current studies on test animals did not indicate carcinogenic effects.					
	Mutageni	city <i>in-vitro</i> :	Current in vitro tests did not indicate mutagenic effects.					
	Genotoxic	ity:	No information available					
	Mutageni	city <i>in-vivo</i> :	Current in vivo tests did not indicate mutagenic effects.					
	Germ cell	mutagenicity:	No information available					
	Reproduct	tive toxicity:	No toxicity on reproductive organs was determined in reproductive organs.					
	Summary	of evaluation of the 0	CMR properties:	_				
	i							
11.2.	Informatio	on on other hazards:						
11.2.1.	Endocrine	disrupting properties	s:					
	No knowr	endocrine disrupting	g properties that a	ffect hum	an health.			
11.2.2.	Other info	rmations:						
	-							

SECTION 12. Ecologi	SECTION 12. Ecological information								
12.1. Toxicity	12.1. Toxicity								
Acute toxicity	Dose	Exposure time	Species	Method	Evaluation	Note			
Fish	LC ₅₀	96 hours	No information available	No information available	-	-			
Crustacea:	EC ₅₀	48 hours	No information available	No information available	-	-			
Algae/aquatic plants	IC ₅₀	8 days	No information available	No information available	-	-			
Microorganisms	LC ₅₀	72 hours	-	-	-	-			
Chronic (long-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note			



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Fish	LC ₅₀	96 ho	urs	No information available	No information available	No information available	n -		

		EC ₅₀	48 hou	rs	No information available		information lable	nation No information available		
Algae/aquatic	: plants	IC ₅₀	72 hou	rs	No information available		information lable available		-	
Other organis	sms	-	-		-					
			•1•.							
		nd degrada	oility							
ADIO	tic degra		fliver		Method		Ev	aluation		Note
Degradation half-lives			Method		ΕV	aluation		note		
water	No inf	ormation av	ailable	No	information availa	able	No informat	tion available	-	
Fresh water	No inf	ormation av	ailable	No	information availa	able	No informat	tion available	-	
Air	No inf	ormation av	ailable	No information available			No information available		-	
Soil	No inf	ormation av	ailable	No information available		able	No information available		-	
% Degradation No information available	on No	Time (days inforr iilable	s) nation	No ir availa	Method Iformation able		Evaluation o information ailable	No infor available		1
		tive potentia								
Octa	nol-wate	er partition c	oefficien							
	nol-wate Conce	er partition c entration		t (log °C	Method		Evaluati		Note	2
Octa	nol-wate Conce	er partition c entration Iformation	oefficien			Dn	Evaluati No informat available		Not	2
Octa Value	nol-wate Conce No ir available	er partition c entration Iformation	oefficien pH -		Method No information	Dn	No informat		Not	9



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		1			I							
No info availabl	ormation le	No availal	inform ple	ation	ation No information available		No information available			No information available		
								1				
	Chronic e	ecotoxicit	су.									
	Value		Dose		osure ime	Spe	ecies	Met	hod	Eva	aluatior	n Note
Chronic	toxicity o	n fish	LC ₅₀	No infor availa	mation able	No inforr availa	nation Ible	No informa availab	ation ir	lo nforr vaila	nation able	-
Chronic toxicity on crustacea (<i>Daphnia</i>)		EC ₅₀	No infor availa	mation able	No inforr availa	nation Ible	No informa availab	ation ir	No nformation available		-	
									·			
12.4.	Mobility	in soil										
		-	ed distributi	on in e	environm	ental c	compart	ments:				
	No infor		vailable									
	Surface t									<u> </u>		
	Value		°C	C(oncentrat	tion		Metho	d			Note
	No informat available		o ormation ailable	No information available		ion	n No information available		ו	-		
	Adsorpti	on / desc	orption									
Transpo	ort	A/D coef Henry's co		lc	og Kow	E٧	vaporati	on rate	Metł	nod		Note
Soil-wa	ter No ava	ir ilable	nformation	No ir availa	nformatio able		o inform ailable	nation	No information - available			
Water-a	air No ava	ir ilable	nformation	No ir availa	nformatio able		o inform ailable	nation	No inforr available	natio	on -	
Soil-air	No ava	ir ilable	nformation	No ir availa	nformatio able		o inform ailable	nation	No inforr available	natio	on -	
12.5.			d vPvB asses	sment								
	No infor	mation av	/ailable									



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12.6.	Endocrine disrupting propertie	es
	No known endocrine disruptir	ng properties that affect the environment.
12.7.	Other adverse effects	
	No adverse effects are expect	ted.
SECTIO	N 13. Disposal considerations	_
13.1.	Waste treatment methods	
13.1.	waste treatment methods	
13.1.1.	Product/Packaging disposal	:
	Submit for disposal to the le Protection.	egal person authorized by the Ministry of Environmental and Nature
13.1.2.	Waste codes/waste designa	tions according to Law:
	No information available	
13.1.3.	Waste treatment – relevant	information:
	No information available	
13.1.4.	Sewage disposal – relevant	information:
10.1.1.		d of into the sewage system.
13.1.5.	Other disposal recommenda	ations:
	authorized by the ministry in	uct's remains into the sewage system. Submit the remains to the collectors n charge. Do not dispose of the packaging into the sewage system. Submit cors authorized by the ministry in charge. Do not dispose of in places where
13.1.6.	Relevant Community provisi	ions:
	-	
SECTIO	N 14. Transport information	
	Transporting/shipment by roa	
UN num		Not subject to transport regulations.
	per shipping name:	-
Transpo	rt hazard class(es):	-



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Packing group:		-			
Environmentally ha	zardous:	-			
Special precautions	for user:	-			
Transporti	ng/shipment by rail (I	RID)			
UN number:		Not subject to transport	regulations.		
UN proper shipping	g name:	-			
Transport hazard cl	ass(es):	-			
Packing group:		-			
Environmentally ha	zardous:	-			
Special precautions	for user:	-			
Inland wat	erway transport (ADN	J)			
UN number:		Not subject to transport	regulations.		
UN proper shipping	g name:	-			
Transport hazard cl	ass(es):	-			
Packing group:		-			
Environmentally ha	zardous:	-			
Special precautions	for user:	-			
Transporti	ng/shipment by sea (IMDG)			
UN number:		Not subject to transport	regulations.		
UN proper shipping	g name:	-			
Transport hazard cl	ass(es):	-			
Packing group:		-			
Environmentally ha	zardous:	-			
Special precautions	for user:	-			
Transporti	ng/shipment by air (l	CAO-TI/IATA-DGR)			
UN number:		Not subject to transport	regulations.		
UN proper shipping	g name:	-			
Transport hazard cl	ass(es):	-			
Packing group:		-			
Environmentally ha	zardous:	-			
Special precautions	for user:	-			
Further information	: The product i	s not subject to classificatio	n.		



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	EU regulations	
	Authorization and/or rest	rictions of use
	Authorizations:	-
	Restrictions:	-
	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 793/9 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 2000 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 safet 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 11 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 certaid dangerous substances, mixtures and articles (Annex XVII);
	Information according 19 guideline)	99/13/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 assessme	ent

SECTIO	SECTION 16. Other information					
16.1.	Indication of changes:	-				
		PBT	Stable, bioaccumulative and toxic			
		vPvB	Strongly stable and strongly bioaccumulative.			
16.2.	Abbreviations and acronyms:	LD ₅₀	Lethal dose, 50%			
		LC ₅₀	Lethal concentration, 50%			
		STOT-SE	Specific target organ toxicity - single exposure			



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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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Trading name:	EOSIN Y 1% AQUEOUS					
Product code:	EOY-10-OT-X**	Date of compilation:	14 November 2022	Version: 3		

16.3.	Key literature references and source of data:	-
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)	
Classification		Classification procedure
-		-
16.5.	Relevant H statements (number and full text)	
	H: -	-
16.6.	Training advice:	-
		** "X" in the product code marks different volumes (different packagings 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