

### BIOGNOST® According to Regulation (EC) No. 1907/2006 amended by Regulation (EU) No. 2020/878

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Trading name:	HEMATOXYLIN COL			
Product code:	HEMCO-OT-X**	Date of compilation: 14 November 2022	Version: 5	

SECTI	ION 1: Identification of	the substance	ce/mixture a	nd of the company/undertaking	
1.1.	Product identifier				
	Trading name:	HEMATOX	YLIN COL		
	Chemical name:	-	- HEMCO-OT-X**		
	Catalogue number:	НЕМСО-О			
1.2.	Relevant identified use	es of the sub	stance or mix	ture and uses advised against	
	Uses:			nematoxylin acc. to Cole for progressive and regressive ining in histopathology.	
	Uses advised against:		Only the id	lentified uses are advised.	
	Reason why uses advi	sed against:	The product is intended for use only as an <i>in vitro</i> diagnostic medicinst:  device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes		
1.3.	Details of the supplier	of the safety	data sheet		
	Supplier:	В	ioGnost Ltd.		
	Address:	١	/ledjugorska 5	59, Zagreb	
	Telephone number:	+	-385 1 240999	97	
	Fax no.:	4	-385 1 240403	39	
	e-mail of competent p	person: <u>msds@biognost.hr</u>		o <u>st.hr</u>	
	National contact:	-			
1.4.	Emergency telephone	number			
	National Protection ar	nd Rescue Di	rectorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			-	

SECTIO	N 2. Hazards identification			
2.1.	Classification of the substance or mixture			
2.1.1.	Classification according to Regula	tion (EC) No 12	272/2008 (CLP)	
	Hazard class and category	code:		Hazard statements*:
	Not identified as hazardous substa	ance.	-	
2.1.2.	Additional information			
	-			
*For fu	l text of Hazard- and EU Hazard-sta	tements: see S	ection 16	
2.2.	Label elements			
	Product identification:	HEMATOXYLI	N COL	
	Identification number:	-		
	Authorization no.:	-		



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

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	-		

SECTIO	TION 4. First aid measures				
4.1.	Description of first aid meas	res			
	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	ler: 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.			



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	Following eye contact:	Direct eye contact may cause slight to moderate irritation, lacrimation and burning sensation.
	Following ingestion:	Swallowing may cause irritation of mucosa, tingling sensation in the mouth, burning sensation; higher levels of concentration may cause nausea, abdominal pain and vomiting. In case of vomiting, aspiration causes coughing, difficult breathing. Higher levels of concentration may cause suffocation.
4.3.	Indication of any immedia	te medical attention and special treatment needed
	-	

SECTI	ON 5. Firefighting measures
5.1.	Extinguishing media
	Suitable extinguishing media:  Small fire - water spray, dry powder, CO <sub>2</sub> 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 compressed air breathing apparatus and fireproof clothing.  Cool closed containers exposed to fire with water spray or vapor.
5.4.	Additional information
	Remove sources of heat and ignition.  Do not contaminate the environment 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			
	Protective equipment:	Use personal protective equipment (see Section 8).		
	Accident prevention methods:	Evacuate members of all non-essential personnel and those members without protective equipment. Remove all sources of 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 containmen	nt and cleaning up		



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6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.				
6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using inflammable material (sand, diatomaceous earth, vermiculite). 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:	-				
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 informatio	n 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 generation	n: Secure proper ventilation.				
	Measures to protect the environment:	Prevent spilling into the sewage system and waterways.				
	Other measures:	-				
7.1.2.	Advice on general occupational hygiene:					
	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating.					
7.2.	Conditions for safe storage, including any incom	patibilities				
	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 cotightly 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.				



Marine water

### SAFETY DATA SHEET

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Furthe	Further information on storage conditions:			ns:	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. Specif	ic end	use(s)	ıse(s)						
Recon	nmenc	dations:				-			
Indust	rial se	ctor spe	cific solutior	ns:		-			
SECTION 8. Ex	posur	e contro	ols/persona	al protec	tion				
8.1. Contro	ol para	meters							
Substa	Substance CAS No		Vo.		•	xposure lim term values		ological limit values	
					I	opm	mg/m³		
-			-			-	-	No info	rmation available
Substance name:	-								
EC No:	-		CAS No:	-					
DNEL									
		1		I		lustrial			T
Route of expos	ure:		Acute ect local	Acut effect sys			Chronic effect local		Chronic effect systemic
Oral		-		-			-		-
Inhalation		-	-			-		-	
Dermal		-		-			-		-
Critical physica	l parar	meters: s	olubility, fla	mmabilit	<u> </u>		-		
		1		I	Co	nsumer			T
Route of expos	Route of exposure:  Acute effect loca			effe	Acute ect sys				Chronic effect systemic
Oral -			-			-		-	
Inhalation -			-			-		-	
Dermal		-		-			-		-
PNEC									
Environmental	protec	ction targ	get			PNEC			
Fresh water						No information available			
Freshwater sediments					No information available				

No information available



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Marine se	diments			No information available	
Food chai	in			No information available	
Microorga	anisms in sewage treatment			No information available	
Soil (agric	cultural)			No information available	
Air				No information available	
8.2.	Exposure controls				
8.2.1.	Appropriate engineering	controls			
	Substance/mixture related measures to prevent expo	d	Use the	product in well ventilated rooms. Use personal protective ent. Do not eat, drink or smoke in the workspace.	
	Structural measures to prevent exposure:  Organisational measures to prevent exposure:		No info	rmation available	
			-	Organization of work in order to reduce other worker's influence during work process.	
	Technical measures to pre exposure:	event	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.		
8.2.2.	Personal protection equipment				
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (preventing splashing) (EN 166) o visor.			
8.2.2.2.	Skin protection		L		
			ctive gloves must be according to the EU Directive 2016/425/EEC an lard EN 374.  Glove material: nitrile rubber  Glove thickness: ≥0.50 mm  Break through time: >480 min		
			antistatic clothing made of natural fibers (such as cotton) with long es (EN 13034), and shoes that cover the entire foot (EN 10335).		
8.2.2.3.	Respiratory protection:	filter fo	or organi	ace mask (EN 136) or half mask (EN 140) equipped with a c vapors, type "A" (boiling point >65°C) acording to EN then concentration levels exceed GVI.	
8.2.2.4.	Thermal hazards:	No inf	ormation	available	
8.2.3.	Environmental exposure of	ontrols			
	Substance/mixture related measures to prevent expo		See Sec	tion 6	
	Structural measures to pre exposure:	event	Use modern equipment.		
	Organisational measures prevent exposure:	to	Adapt t workpla	he work process to the required working conditions of the ace.	
	i.				



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Technical measures to prevent	See Section 6
exposure:	See Section 0

Information on basic physical and che	mical properties		
	Value	Method	
Physical state:	liquid	No information available	
Color:	red-purple	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	
Lower 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	
рН:	No information available	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	
Other information			

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.			



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10.6. Hazardous decomposition products: No information available.

	n on hazard classes as		lation (FC) No 12	72/2008		
Acute toxic		denned in Regu	lation (EC) NO 121	72/2000		
Route of exposure:	Method	Species	Effective Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>mixture</sub>	Exposure t	ime Resul	lts
Oral exposure:	No information available	-	LD <sub>50</sub>	-	_	
Dermal exposure:	No information available	-	LD <sub>50</sub>	-	-	
Inhalation exposure:	No information available	-	LC <sub>50</sub>	-	-	
Specific ta	rget organ toxicity – si	ngle exposure (S	TOT SE):			
	Specifi	ic effects	Target	t organ	Note	
Oral exposure:	No information	available	No informati	No information available		
Dermal exposure:	No information	available	No informati	No information available -		
Inhalation exposure	: No information	available	able No information available		-	
Aspiration	hazard:	No inform	mation available			
Irritation a	nd corrosion:					
:	Exposure time	Species	Evaluation	Method	Note	
Skin irritation:	-	-	-			
Eye irritation:	-	-	-			
Sensitizatio	on					
Dermal exposure:	No information avail	able				
Inhalation exposure:	No information available					
Symptoms	related to the physica	ıl, chemical and t	oxicological chara	acteristics		
Oral exposure:	Swallowing may c sensation; higher In case of vomiting concentration may	ause irritation of levels of concent g, aspiration cau	mucosa, tingling ration may cause ses coughing, diff	sensation in th	ninal pain and von	



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coughing, sn	eezing, heada	•	nadequately vent	ilated perimeter				
	ntact may cau	che and hausea	f large amounts of vapors in inadequately ventilated perimeter may cause neezing, headache and nausea.					
Eye exposure:  Direct eye contact may cause slight to moderate irritation, lacrimation and burning sensation.								
d dose toxicity (sub	acute, subchro	onic, chronic)						
Dose	Exposure time	Species	Method	Evaluation	Note			
No information available	No information available	No information available	No information available	No information available	-			
No information available	No information available	No information available	No information available	No information available	-			
No information available	No information available	No information available	No information available	No information available	-			
No information available	No information available	No information available	No information available	No information available	-			
No information available	No information available	No information available	No information available	No information available	_			
No information available	No information available	No information available	No information available	No information available	-			
No information available	No information available	No information available	No information available	No information available	-			
No information available	No information available	No information available	No information available	No information available	-			
No information available	No information available	No information available	No information available	No information available	-			
target organ toxicit	y – repeated e	xposure (STOT	RE):					
S	pecific effects		Target orga	an	Note			
	No information available  No information available	Dose  Exposure time  No information available  No information available	No information available  No information available	No information available   No information avai	Dose   Exposure time   Species   Method   Evaluation			



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		•				

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	No information available	-

CMR effects (carcinogenicity	y; mutagenicity; reproductive toxicity)
Carcinogenicity:	Current studies on test animals did not indicate carcinogenic effects.
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.
Germ cell mutagenicity:	No information available
Reproductive toxicity:	No toxicity on reproductive organs was determined in reproductive organs.

Summary of evaluation of the CMR properties:	-

#### 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 information:

-

#### **SECTION 12. Ecological information** 12.1. **Toxicity** Exposure Acute toxicity Method Evaluation Note Dose **Species** time No information No information Fish $LC_{50}$ 96 hours available available No information No information Crustacea: 48 hours $EC_{50}$ available available No information No information $IC_{50}$ 8 days Algae/aquatic plants available available Microorganisms $LC_{50}$ 72 hours



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	C <sub>50</sub>	96 hours	No information	No information	No	
Crustacea: EC			available	available	information available	-
	C <sub>50</sub>	48 hours	No information available	No information available	No information available	-
Algae/aquatic plants IC	<b>-</b> 50	72 hours	No information available	No information available	No information available	-
Other organisms						
12.2. Persistence and	degradabil	lity				
12.2. Persistence and degradability  Abiotic degradation						

12.2. Pe	Persistence and degradability								
А	Abiotic degradation								
	Degradation half-lives	Method	Evaluation	Note					
Marine water	No information available	No information available	No information available	-					
Fresh wate	er No information available	No information available	No information available	-					
Air	No information available	No information available	No information available	-					
Soil	No information available	No information available	No information available	-					

Biodegradation							
% Degradation	Time (days)	Method	Evaluation	Note			
No information available							

12.3.	Bioaccumulative potenti	al							
	Octanol-water partition coefficient (log Kow)								
Value	e Concentration	рН	°C	Method	Evaluation	Note			
-	No information available	-	-	No information available	No information available	-			
	Bioconcentration factor (BCF)								



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Value	Species	Method	Evaluation	Note
No information available				

Chronic ecotoxic	Chronic ecotoxicity					
Value	Dose	Exposure time	Species	Method	Evaluation	Note
Chronic toxicity on fish	LC <sub>50</sub>	No information available	No information available	No information available	No information available	-
Chronic toxicity on crustacea ( <i>Daphnia</i> )	EC <sub>50</sub>	No information available	No information available	No information available	No information available	-

12.4.	Mobility in soil
	Known or predicted distribution in environmental compartments:

No information available

#### Surface tension:

Value	°C	Concentration	Method	Note
No information available	No information available	No information available	No information available	-

#### Adsorption / desorption

Transport	A/D coefficie Henry's consta	loa Kow	Evaporation rate	Method	Note
Soil-water	No informavailable	nation No informa	tion No information available	No information available	-
Water-air	No informavailable	nation No informa	tion No information available	No information available	-
Soil-air	No inform available	nation No informa	tion No information available	No information available	-

#### 12.5. Results of PBT and vPvB assessment



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	No information available			
12.6.	Endocrine disrupting properties			
	No known endocrine disrupting properties that affect the environment.			
12.7.	Other adverse effects			
	No adverse effects are expected.			
SECTIO	N 13. Disposal considerations			
13.1.	Waste treatment methods			
13.1.1.	Product/Packaging disposal:			
	Submit for disposal to the legal person authorized by the Ministry of Environmental and Nature Protection.			
13.1.2.	Waste codes/waste designations according to Law:			
	No information available			
13.1.3.	Waste treatment – relevant information:			
	No information available			
13.1.4.	Sewage disposal – relevant information:			
	Waste must not be disposed of into the sewage system.			
13.1.5.	Other disposal recommendations:			
	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 provisions:			
	-			
SECTIO	N 14. Transport information			
	Transporting/shipment by road (ADR)			
UN num	ber: Not subject to transport regulations.			
UN prop	per shipping name: -			



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Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           I Transporting/shipment by rail (RID)         Not subject to transport regulations.           UN proper shipping name:         -           Transport hazard class(es):         -           Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           Inland waterway transport (ADN)         Not subject to transport regulations.           UN proper shipping name:         -           Transport hazard class(es):         -           Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           Transporting/shipment by sea (IMDG)           UN number:         Not subject to transport regulations.           UN proper shipping name:         -           Transport hazard class(es):         -           Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           Transporting/shipment by air (ICAO-TI/IATA-DGR)           UN number:         Not subject to transport regulations.	Product code:	HEMCO-OT-X**	Date of compilation:	14 November 2022	Version: 5
Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           I Transporting/shipment by rail (RID)         Not subject to transport regulations.           UN proper shipping name:         -           Transport hazard class(es):         -           Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           Inland waterway transport (ADN)         Not subject to transport regulations.           UN proper shipping name:         -           Transport hazard class(es):         -           Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           Transporting/shipment by sea (IMDG)           UN number:         Not subject to transport regulations.           UN proper shipping name:         -           Transport hazard class(es):         -           Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           Transporting/shipment by air (ICAO-TI/IATA-DGR)           UN number:         Not subject to transport regulations.		-			-
Environmentally hazardous:         -           Special precautions for user:         -           Inansporting/shipment by rail (RID)         Not subject to transport regulations.           UN proper shipping name:         -           Transport hazard class(es):         -           Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           UN number:         Not subject to transport regulations.           UN proper shipping name:         -           Transport hazard class(es):         -           Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           Transporting/shipment by sea (IMDG)         UN number:           UN proper shipping name:         -           Transporting/shipment by sea (IMDG)         UN number:           UN proper shipping name:         -           Transporting/shipment by are (ICAO-TI/IATA-DGR)         -           UN number:         Not subject to transport regulations.           UN number:         Not subject to transport regulations.           UN number:         Not subject to transport regulations.           UN number:         Not subject to transport regu	Transport hazard cl	ass(es):	-		
Special precautions for user:         -           UN number         Not subject to transport regulations.           UN proper shipping name:         -           Transport hazard class(es):         -           Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           UN numbers hisping name:         -           Transport hazard class(es):         -           Packing group:         -           Environmentally hazardous:         -           Special precautions for user:         -           Transporting/shipment by sea (IMDG)         -           UN number shipping name:         -           Transporting/shipment by sea (IMDG)         -           UN proper shipping name:         -           Transporting/shipment by sea (IMDG)         -           UN proper shipping name:         -           Transporting/shipment by sea (IMDG)         -           UN number shipping name:         -           Transporting/shipment by sea (IMDG)         -           Packing group:         -           Environmentally hazardous:         -           Packing group:         -           Transporting/shipment by se	Packing group:		-		
UN number shipping name:  Transport hazard class(es): Packing proup: Inland waterway transport (ADN)  UN number shipping name:  Transport hazard class(es): Packing group: Inland waterway transport (ADN)  UN number shipping name:  Transport hazard class(es): Packing group: Inland waterway transport (ADN)  UN number shipping name:  Transport hazard class(es): Packing group: Inland waterway transport (ADN)  UN number shipping name:  Transport hazard class(es): Packing group: Inland waterway transport (ADN)  UN number shipping name: Inland waterway transport regulations. Inland waterway transport regu	Environmentally ha	zardous:	-		
UN n u b b b b b b b b b b b b b b b b b b	Special precautions	for user:	-		
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## amended by Regulation (EU) No. 2020/878

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Trading name:	HEMATOXYLIN COL				
Product code:	HEMCO-OT-X**	Date of compilation: 14 November 2022	Version: 5		

SECTIO	ON 15. Regulatory information	tion					
15.1.	Safety, health and environ	Safety, health and environmental regulations/legislation specific for the substance or mixture					
	EU regulations						
	Authorization and/or restr	ictions 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 793/93 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 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 (VOC-quideline)						
	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 assessmen	nt					
	None						

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 <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:	-			



### BIOGNOST® According to Regulation (EC) No. 1907/2006 amended by Regulation (EU) No. 2020/878

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Trading name:	HEMATOXYLIN COL				
Product code:	HEMCO-OT-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)				
Classifi	cation	Classification procedure			
-		-			
16.5.	5. Relevant H statements (number and full text)				
	H: -	-			
16.6.	Training advice:	-			
16.7.	Further information:	** "X" in the product code marks different volumes (different packagings 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