

### HEMATOXYLIN INSTANT KIT

The kit contains:

Hematoxylin Instant - component A

Hematoxylin Instant - component B



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Trading name:	HE	HEMATOXYLIN INSTANT – COMPONENT A						
Product code:	HEMI-KA	Revision date:	14 November 2022	Version:	4			

SECTI	ON 1: Identification of t	he substai	nce/mixture a	nd of the company/undertaking	
1.1.	Product identifier				
	Trading name:	HEMATO	XYLIN INSTAN	NT – COMPONENT A	
	Chemical name:	-			
	Catalogue number:	HEMI-KA	4		
1.2.	Relevant identified use	es of the su	ıbstance or miz	xture and uses advised against	
	Uses:			ring Hematoxylin Instant for nuclear staining in ology and cytology.	
	Uses advised against:		Only the i	dentified uses are advised.	
	Reason why uses advis	uct is intended for use only as an <i>in vitro</i> diagnostic evice, registered at the Agency for Medicinal Products and evices and there 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		
	Fax no.:		+385 1 2404039		
	e-mail of competent p	e-mail of competent person: ms		msds@biognost.hr	
	National contact:		_		
1.4.	Emergency telephone number				
	National Protection an	d Rescue [	Directorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:	Other information:		-	

SECTIO	SECTION 2. Hazards identification					
2.1.	Classification of the substance	e or mixture				
2.1.1.	Classification according to Re	egulation (EC) No 1272/20	08 (CLP)			
	Hazard class and c	category code:	Hazard statements*:			
	Eye Dam. 1 H318					
2.1.2.	Additional information	Additional information				
	-					
*For ful	l text of Hazard- and EU Hazard	d-statements: see Section	16			
2.2.	Label elements					
	Product identification: HEMATOXYLIN INSTANT – COMPONENT A					
	Identification number: -					
	Authorization no.:	-				



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	Hazard pictograms:	
	Signal word:	GHS05  Danger
	Hazard statements:	H318 Causes serious eye damage.
	Precautionary statements:	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. P310 Immediately call POISON CENTER or a doctor/physician if exposed.
	Supplemetal hazard information (EU):	-
2.3.	Other hazards	
	Endocrine Disrupting Proper No known endocrine disruptin Results of PBT and vPvB asse PBT or a vPvB.	

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)					
7784-31-8/ 616-524-3/ -	-	80- 100 %	aluminum sulfate octadecahydrate	Eye Dam. 1; H318					

SECTI	SECTION 4. First aid measures					
4.1.	Description of first aid measu	ıres				
	General notes:	Take off contaminated clothing.				
	Following inhalation:	Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.				
	Following skin contact:	Rinse skin with water/shower. In all cases of doubt, or when symptoms persist, seek medical advice.				
	Following eye contact:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.				



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	Following ingestion:		Rinse mouth. Call a doctor if you feel unwell.	
	Self-protection of the first	aider:	Treat symptomatically.	
4.2.	Most important symptoms	s and ef	fects, both acute and delayed	
	Following inhalation: No		nformation available	
	Following skin contact: No i		information available	
	Following eye contact:	Risk	of blindness, Risk of serious damage to eyes.	
	Following ingestion:	No i	nformation available	
4.3.	Indication of any immediate med		cal attention and special treatment needed	
	-			

SECTIO	SECTION 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Small fire - water spray, dry powder, foam, 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				
	Do not enter fire area without pro	pper protective equipment, including respiratory protection.			
5.4.	Additional information				
	Remove sources of heat and ignit Do not contaminate the environm				

SECTIO	TION 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:				
	Do not enter fire area without pro	oper protective equipment, including respiratory protection.			
6.2.	Environmental precautions:				
	Do not dispose of in sewage, drai Protection and Rescue Directorate	nage system and waterways. In case of large spillage contact National e (NPRD) on 112.			



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6.3.	Methods and material for containment and cleaning up			
6.3.1.	Bunding, covering of drains; capping procedures:	Covering of drains. Take up mechanically.		
6.3.2.	Cleaning up:	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 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:	Place in appropriate containers for disposal.		
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	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 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:		n tightly closed and upright set containers in a well ted place.			
	Packaging materials:	Manufa	acturer's original packaging.			
	Requirements for storage rooms and vessels:	Keep av	way from food and drink. Keep the containers 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:	and do	place the unused material in the storage room not use empty containers for storing other als. Do not store with incompatible materials (see 19).			



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

SECTION 8.	Exposur	e contr	ols/persona	ai protec	tion					
8.1. Cor	ntrol para	ameters								
Substance		CAS I	No		•	al exposure ort term valu		Biological I	imit values	
					ı	ppm	mg/n	1 <sup>3</sup>		
-			-			-	-		No information	n available
Substance name:	Alumi	nium su	lphate octa	decahydr	ate					
EC No:	233-1	35-0	CAS No:	778	34-31	-8				
DNEL	:			:						
					Inc	dustrial				
Route of exposure:			Acute ect local	effe	Acute			ronic ct local		Chronic ct systemic
Oral		-		-		-		-		
Inhalation		-	-			-		13,4 mg/	′m³	
Dermal		-	-			-		3,8 mg/k	g bw/day	
Critical physi	cal parar	neters:	solubility, fla	ammabili	ty, cor	rosivity:	_		<u>.</u>	
					Co	nsumer				
Route of exposure:			Acute ect local	Acute effect systemic			Chronic effect local			Chronic ct systemic
Oral		-		-			-		-	
Inhalation		-		-			-		-	
Dermal		-		-			-		-	
PNEC										
Environment	al protec	tion tar	get			PNEC				
Fresh water					No information available					
Freshwater sediments					No information available					
Marine wate	٢					No info	mation avai	ilable		
Marine sedin	nents					No information available				
Food chain						No information available				
Microorganis	sms in se	wage tr	eatment			No info	mation avai	ilable		



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Soil (agric	ultural)		No information available			
Air			No information available			
8.2.	Exposure controls					
8.2.1.	Engineering measures					
	Substance/mixture relate measures to prevent expoduring 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 prexposure:	event	No information available			
	Organisational measures prevent exposure:	to	Organization of work in order to reduce other worker's influence during work process.			
		event	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.			
8.2.2.	Personal protection equip	oment				
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					
	Hand protection:	Chem 374.	Glove material: nitrile rubber Glove thickness: > 0.11 mm Break through time: >480 min			
	Other skin protection:		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:	In cas	e of inadequate ventilation wear respiratory protection.			
8.2.2.4.	Thermal hazards:	No in	formation available			
8.2.3.	Environmental exposure	controls				
	Substance/mixture relate measures to prevent expe		See Section 6			
	Structural measures to prexposure:	event	Use modern equipment.			
	Organisational measures prevent exposure:	to	Adapt the work process to the required working conditions of the workplace. Keep away from drains, surface and ground water.			
	Technical measures to prexposure:	event	See Section 6			

#### **SECTION 9. Physical and chemical properties**

9.1. Information on basic physical and chemical properties



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Trading name:	HEMATOXYLIN INSTANT – COMPONENT A				
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		Value	Method
	Physical state:	powder	No information available
	Color:	light orange	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
	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
2.	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.			
10.6.	Hazardous decomposition products:	No information available.			

#### **SECTION 11. Toxicological information**

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008



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Acute toxic	city:				
Route of exposure:	Method	Species	Effective dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>mixture</sub>	Exposu time	RESUITS
Oral exposure:	anhydrous (ECHA)	rabbit	LD <sub>50</sub>	<b>–</b>	>2.000-<5.000 mg/kg (aluminium sulphate octadecahydrate)
Dermal exposure:	anhydrous (ECHA)	rat	LD <sub>50</sub>	-	>5.000mg/kg (aluminium sulphate octadecahydrate)
Inhalation exposure:	No information available	-	LC <sub>50</sub>	_	-
			:		
Specific tar	get organ toxicity – sing	le exposure (STOT	SE):		
	Specific	effects	Targ	et organ	Note
Oral exposure:	No information ava	ilable	No information available		-
Dermal exposure:	No information ava	iilable	No information available		-
Inhalation exposure:	No information ava	iilable	No information available		-
Respiratory	/ irritation:	No information	available		
1					
IIIIIation at	nd corrosion  Exposure time	Species	Evaluati on	Meth od	Note
Skin irritation:	-	-	-	-	
Eye irritation:	-	-	-	- (	Causes serious eye damage
Sensitizatio	on				
Dermal exposure:	No information availabl	e			
Inhalation exposure:	No information availabl	e			
Symptoms	related to the physical,	chemical and toxic	ological chara	acteristics	
Oral exposure:	No information avail		.ological criais	actoristics	



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Inhalation expos	ure:	No informati	on available					
Eye exposure:		Causes serio	us eye damage	9				
	·							
Repeat	ed dos	se toxicity (sul	oacute, subchr	onic, chronic)				
		Dose	Exposure time	Species	Method	Evaluatio	n	Note
Subacute oral	No avail	information able	No information available	No information available	No information available	No inforn	nation	<b>–</b>
Subacute dermal	No avail	information able	No information available	No information available	No information available	No inform	nation	-
Subacute inhalation	No information available		No information available	No information available	No information available	No information available		-
Subchronic oral	No avail	information able	No information available	No information available	No information available	No information available		-
Subchronic dermal	No avail	information able	No information available	No information available	No information available	No information available		-
Subchronic inhalation	No avail	information able	No information available	No information available	No information available	No information available		-
Chronic oral	No avail	information able	No information available	No information available	No information available	No inforn	nation	-
Chronic dermal	No avail	information able	No information available	No information available	No information available	No inform	nation	-
Chronic inhalation	No avail	information able	No information available	No information available	No information available	No inform	nation	<b>-</b>
Specific	targe	t organ toxici	ty – repeated e	exposure (STO	T RE):			
			Specific effect	:S	Target or	gan		Note
Subacute oral		No informa	tion available		No information	available	-	
Subacute dermal No informa			tion available	ation available		No information available		



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Subchro	onic oral	No information availa	able	No information available	_			
	onic dermal	No information availa			-			
	onic inhalation	No information availa						
Chronic		No information availa		No information available				
Chronic	: dermal	No information availa	able	No information available				
Chronic	inhalation	No information availa	able	No information available	_			
	CMR effects (c	carcinogenicity, mutage	enicity, reproductiv	ve toxicity)				
	Carcinogenici	3 , 3	No information a	•				
	Mutagenicity	-	No information available					
	Genotoxicity:		No information a	vailable				
	Mutagenicity	in-vivo:	No information available					
	Germ cell mut	tagenicity:	No information available					
	Reproductive	toxicity:	No information available					
		-						
	Summary of e	valuation of the CMR p	roperties:	-				
11.2.	Information o	n other hazards:						
11.2.1.	Endocrine dis	rupting properties:						
	No known properties that	endocrine disrupti nt affect human health.	ng					
11.2.2.	Other informa	ations:						

SECTION 12. Ecolog	ical inforn	SECTION 12. Ecological information										
12.1. Toxicity												
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note						
Fish	LC <sub>50</sub>	96 hours	Fish	ECHA	>85.9 mg/l (aluminium sulphate octadecahydrate)	-						
Crustacea:	EC <sub>50</sub>	48 hours	aquatic invertebrates	ЕСНА	>200 mg/l (aluminium sulphate octadecahydrate)	-						



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	HEMI-KA								

Algae/aquatic plants	IC <sub>50</sub>	8 days	algae	No information available	-	-
Microorganisms	LC <sub>50</sub>	72 hours	-	-	-	-
Chronic toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC <sub>50</sub>	96 hours	No information available	No information available	No information available	<b>–</b>
Crustacea:	EC <sub>50</sub>	48 hours	No information available	No information available	No information available	-
Algae/aquatic plants	IC <sub>50</sub>	72 hours	No information available	No information available	No information available	-
Other organisms	EC <sub>50</sub>	180 min	microorganisms	ECHA	>1.000 mg/l (aluminium sulphate octadecahydrate)	-

#### 12.2. Persistence and degradability

Abiotic degradation

	Degradation half-lives	Method	Evaluation	Note
Marine water	No information available	No information available	No information available	-
Fresh water	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					

#### Bioaccumulative potential 12.3.

Partition coefficient: n-octanol/water (log Kow):

Value	lue Concentration		Concentration pl		ntration pH °C		Evaluation	Note	
No information available		_	_	No information available	No information available	-			



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	Bioconc	entratio	n factor (BCF	)	T		1						
Va	alue		Species		Мє	ethod		Evalu	ation		Not	:e	
No infor available		No availa	inforn able	nation	ation No information available		No information available			No information available			
	Chronic	ocotovi	oit.										
	Chronic	ecotoxi	City	Evn	ocuro		* * * * * * * * * * * * * * * * * * *						
Value D		Dose		osure me	Species	М	letho	d	E	valuation	Note		
Chronic toxicity on fish		LC <sub>50</sub>	information		No informat ion available	No inf availat		tion	No information - available		-		
Chronic toxicity on crustacea ( <i>Daphnia</i> )		EC <sub>50</sub>	No information available		No informat ion available	No inf availat		tion	No information available		-		
12.4.	Mobility	in soil											
	Known	or predic	cted distribut	ion in e	environm	ental comp	partmen	its:					
	No infor	mation	available										
	Surface	tension:			1		Π						
	Value	e	°C		Conce	entration	М	letho	d		Note		
	No informat available	ion	No inform vailable	nation	No info availabl	ormation le	No inf availat		tion	-			
	Adcorpt	ion / do	corption										
	Ausorpt		efficient					# 1					
Transpo	rt		constant	lo	g Kow	Evapoi	ation ra	ite	Method		Ŋ	Note	
Soil-wat	er No		information	No in availa	formatio ble		No information available		No information available		on -		



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Water-air	No information available	No information available	No information available	No information available
Soil-air	No information available	No information available	No information available	No information available
12.5. R	Results of PBT and vPvB ass	essment		
١	lo information available			
	ndocrine disrupting prope			
١	lo known endocrine disrup	ting properties tha	t affect the environ	ment.
	Other adverse effects			
ľ	lo adverse effects are expe	cted.		
CECTION	12 Disposal consideratio			
13.1.	<b>13. Disposal consideratio</b> Waste treatment methods			
15.1.	waste treatment methods			
13.1.1.	Product/Packaging dispos	al·		
13			orized by the Minist	ry of Environmental and Nature
	Protection.			
Î				
13.1.2.	Waste codes/waste design	ations according to	o Law:	
	No information available			
1212	NA/- status turnitus aut.	. :		
13.1.3.	Waste treatment – relevan	t information:		
	No information available			
13.1.4.	Sewage disposal – relevan	t information:		
	Waste must not be dispos		ige system.	
			<u> </u>	
13.1.5.	Other disposal recommend	dations:		
	authorized by the ministry	in charge. Do not	dispose of the pack	n. Submit the remains to the collectors aging into the sewage system. Submit arge. Do not dispose of in places where
13.1.6.	Relevant Community prov	sions:		
	-			



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SECTION 14. Transport information						
Transporting/shipment by road	(ADR)					
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 rail (R	IID)					
UN number:	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	)					
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 (I	MDG)					
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 (IC	Transporting/shipment by air (ICAO-TI/IATA-DGR)					
UN number:	Not subject to transport regulations.					
UN proper shipping name:	-					
Transport hazard class(es):	-					
Packing group:	-					



Further information:

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

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Trading name:		HEMATOXYLIN INSTANT – COMPONENT A						
Product code:	HEMI-KA	Revision date:	14 November 2022	Version: 4				
Environmentally h	nazardous:	-						
Special precaution	ns for user:	-						

The product is not subject to classification.

15.1.	Safety, health and enviro	nmental regulations/legislation specific for the substance or mixture					
	EU regulations						
	Authorization and/or restrictions of use						
	Authorizations:	-					
	Restrictions:	-					
		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 (EC) 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;					
	Other EU regulations:	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 19 guideline)	999/13/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					
15.2.	Chemical safety assessme	ent					
	None						

#### **SECTION 16. Other information**



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Trading name:	HEMATOXYLIN INSTANT – COMPONENT A					
Product code:	HEMI-KA	Revision date:	14 November 2022	Version:	4	

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:	<b>d</b> -
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	ber and full text)
	H: 318	Causes serious eye damage.
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
-



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Trading name:	HEMATOXYLIN INSTANT – COMPONENT B						
Product code:	HEMI-KB	Revision date:	14 November 2022	Version:	4		

SECTI	ON 1: Identification of t	he substan	ce/mixture a	and of the company/undertaking				
1.1.	Product identifier							
	Trading name:	HEMATO	KYLIN INSTAN	NT – COMPONENT B				
	Chemical name:	-						
	Catalogue number:	HEMI-KB	HEMI-KB					
1.2.	Relevant identified use	ed uses of the substance or mixture and uses advised against						
	Uses:		For preparing Hematoxylin Instant for nuclear staining in histopathology and cytology.					
	Uses advised against:		Only the i	dentified uses are advised.				
	Reason why uses advis	ed against:	The product is intended for use only as an <i>in vitro</i> diagnostic against: medical 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 safet	y data sheet					
	Supplier: Bi		BioGnost Ltd.					
	Address:	N	Medjugorska !	59, Zagreb				
	Telephone number:	-1	-385 1 24099	97				
	Fax no.:	-1	-385 1 24040	39				
	e-mail of competent p	erson: <u>r</u>	nsds@biogno	<u>ost.hr</u>				
	National contact:	-						
1.4.	Emergency telephone	number						
	National Protection an	d Rescue D	irectorate:	112				
	Medical information:		+385 1 2348 342					
	Other information:			-				

SECTIO	SECTION 2. Hazards identification							
2.1.	Classification of the substance or	Classification of the substance or mixture						
2.1.1.	Classification according to Regula	ation (EC) No 1272/200	08 (CLP)					
	Hazard class and categ	Hazard class and category code: Hazard statements*:						
	Eye Dam. 1 H318							
2.1.2.	Additional information							
	-							
*For ful	l text of Hazard- and EU Hazard-sta	atements: see Section	16					
2.2.	Label elements							
	Product identification: HEMATOXYLIN INSTANT – COMPONENT B							
	Identification number: -							
	Authorization no.:	-						



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Trading name:	HEMATOXYLIN INSTANT – COMPONENT B					
Product code:	HEMI-KB	Revision date:	14 November 2022	Version:	4	

	Hazard pictograms:		
	Signal word:	GHS05  Danger	
	Hazard statements:	H318 Causes serious eye damage.	
	i iazaiu Statements.		
	Precautionary statements:	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. P310 Immediately call POISON CENTER or a doctor/physician if exposed.	
	Supplemetal hazard information (EU):	-	
2.3.	Other hazards		
	Endocrine Disrupting Properties:		
	No known endocrine disruptin	g properties	
	<b>Results of PBT and vPvB assessment</b> : According to the results of its assessment, this substance is not PBT or a vPvB.		

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)		
7784-31-8/ 616-524-3/ -	-	80- 100 %	aluminum sulfate octadecahydrate	Eye Dam. 1; H318		

SECTI	SECTION 4. First aid measures				
4.1.	Description of first aid measures				
	General notes:	Take off contaminated clothing.			
	Following inhalation:	Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.			
	Following skin contact:	Rinse skin with water/shower. In all cases of doubt, or when symptoms persist, seek medical advice.			
	Following eye contact:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.			



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Product code:	HEMI-KB	Revision date:	14 November 2022	Version:	4

			Rinse mouth. Call a doctor if you feel unwell.	
			Treat symptomatically.	
4.2.	Most important symptoms and e		fects, both acute and delayed	
	Following inhalation: No		nformation available	
	Following skin contact: No i		information available	
	Following eye contact:	Risk	of blindness, Risk of serious damage to eyes.	
	Following ingestion:	No i	nformation available	
4.3.	Indication of any immediate med		cal attention and special treatment needed	

SECTIO	ION 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Small fire - water spray, dry powder, foam, 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				
	Do not enter fire area without proper protective equipment, including respiratory protection.				
5.4.	Additional information				
	Remove sources of heat and ignition.  Do not contaminate the environment with extinguishing media.				

SECTIO	N 6. Accidental release measures					
6.1.	Personal precautions, protective e	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 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:					
	Do not enter fire area without pro	oper protective equipment, including respiratory protection.				
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.					



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Trading name:	HEMATOXYLIN INSTANT – COMPONENT B				
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6.3.	Methods and material for containment and cleaning up		
6.3.1.	Bunding, covering of drains; capping procedures:	Covering of drains. Take up mechanically.	
6.3.2.	Cleaning up:	Soak up spills with inert solids, such as clay or diatomaceous earth as social as possible. On land, sweep or shovel into suitable containers. 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:	Place in appropriate containers for disposal.	
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. T	Γhorough	ly wash hands after work and before eating.		
7.2.	Conditions for safe storage, including any inco	mpatibili	ties		
	Technical measures and storage conditions:	•	p in tightly closed and upright set containers in a well tilated place. nufacturer's original packaging. p away from food and drink. Keep the containers ntly closed.		
	Packaging materials:	Manufa			
	Requirements for storage rooms and vessels:				
	Advices for storage equipment:	dvices for storage equipment:  The storage be resis directly ventilation.			
	Further information on storage conditions:	and do	not place the unused material in the storage room do not use empty containers for storing other micals. Do not store with incompatible materials (see tion 9).		



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

8.1. Cor	1. Control parameters									
Subs	stance		CAS I	No		•	cupational exposure limit values/short term values		В	iological limit values
					ı	opm	pm mg/m³			3
-			-			-		-	No in	formation available
	2									
Substance name:	Alumir	nium su	Ilphate octa	decahydr	ate					
EC No:	233-13	35-0	CAS No:	778	34-31	-8				
DNEL										
					Inc	dustrial				
Route of			Acute		Acute	9		Chronic		Chronic
exposure:		effe	ect local	effect system		emic	effect local			effect systemic
Oral		-		-			-		-	
Inhalation		-		-			-		13,4 mg/m <sup>3</sup>	
Dermal		-		-						3,8 mg/kg bw/day
Critical physi	cal paran	neters:	solubility, fla	ammabili	ty, cor	rosivity:		-		
				1	Co	nsumer				
Route of			Acute		Acute		Chronic			Chronic
exposure:		effe	ect local	effe	ct syst	emic		effect local		effect systemic
Oral		-		-			-			-
Inhalation		-		-			-			-
Dermal		-		-			-			-
PNEC										
Environment	al protec	tion tar	get			PNEC				
Fresh water						available				
Freshwater sediments						available				
Marine water						available				
Marine sedin	nents					No information available				
Food chain						No information available				
Microorganis	ms in se	wage tr	eatment			No information available				



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Soil (agric	ultural)		No information available					
Air			No information available					
8.2.	Exposure controls							
8.2.1.	Engineering measures							
	Substance/mixture relate measures to prevent expoduring 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 prexposure:	event	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 equip	oment						
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							
	Hand protection:	Chem 374.	Glove material: nitrile rubber Glove thickness: > 0.11 mm Break through time: >480 min					
	Other skin protection:		ear antistatic clothing made of natural fibers (such as cotton) with long eves (EN 13034), and shoes that cover the entire foot (EN 10335).					
8.2.2.3.	Respiratory protection:	In cas	e of inadequate ventilation wear respiratory protection.					
8.2.2.4.	Thermal hazards:	No in	formation available					
8.2.3.	Environmental exposure	controls						
	Substance/mixture relate measures to prevent expe		See Section 6					
	Structural measures to prexposure:	event	Use modern equipment.					
	Organisational measures prevent exposure:	to	Adapt the work process to the required working conditions of the workplace. Keep away from drains, surface and ground water.					
	Technical measures to prevent exposure:		See Section 6					

#### **SECTION 9. Physical and chemical properties**

9.1. Information on basic physical and chemical properties



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Trading name:	HEMATOXYLIN INSTANT – COMPONENT B				
Product code:	HEMI-KB	Revision date:	14 November 2022	Version:	4

	Value	Method
Physical state:	powder	No information available
Color:	white	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
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.				
10.6.	Hazardous decomposition products:	No information available.				

#### **SECTION 11. Toxicological information**

Information on hazard classes as defined in Regulation (EC) No 1272/2008 11.1.



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Trading name:	HEMATOXYLIN INSTANT – COMPONENT B				
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Acute tox	icity:				
Route of exposure:	Method	Species	Effective dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>mixture</sub>	Exposu time	RACILITO
Oral exposure:	anhydrous (ECHA)	rabbit	LD <sub>50</sub>	-	>2.000-<5.000 mg/kg (aluminium sulphate octadecahydrate)
Dermal exposure:	anhydrous (ECHA)	rat	LD <sub>50</sub>	-	>5.000mg/kg (aluminium sulphate octadecahydrate)
Inhalation exposure:	No information available	-	LC <sub>50</sub>	-	-
Specific ta	orget organ toxicity – sing	gle exposure (STO)	SE):		
	Specific	effects	Targe	et organ	Note
Oral exposure:	No information ava	ailable	No information available		-
Dermal exposure:	No information ava	No information available			-
Inhalation exposure	e: No information ava	ailable	No inform available	-	
Respirato	ry irritation:	No information	available		
Irritation a	and corrosion				
	Exposure time	Species	Evaluati on	Meth od	Note
Skin irritation:	-	-	-	-	
Eye irritation:	-	-	-	- (	Causes serious eye damage
· · · ·					
Sensitizati	1	la.			
Dermal exposure: Inhalation exposure:	No information availab				
Symptom	s related to the physical,	chemical and toxic	cological chara	acteristics	
Oral exposure:	No information avail		J		



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Inhalation expos	ure:	No informati	No information available						
Eye exposure:		Causes serio	us eye damage	9					
	·								
Repeat	ed dos	se toxicity (sub	oacute, subchr	onic, chronic)					
		Dose	Exposure time	Species	Method	Evaluatio	n	Note	
Subacute oral	No avail	information able	No information available	No information available	No information available	No inforn	nation	<b>-</b>	
Subacute dermal	No avail	information able	No information available	No information available	No information available	No inform	nation	_	
Subacute inhalation	No avail	information able	No information available	No information available	No information available	No information available		-	
Subchronic oral	No avail	information able	No information available	No information available	No information available	No information available		-	
Subchronic dermal	No avail	information able	No information available	No information available	No information available	No information available		_	
Subchronic inhalation	No avail	information able	No information available	No information available	No information available	No information available		-	
Chronic oral	No avail	information able	No information available	No information available	No information available	No information available		-	
Chronic dermal	No avail	information able	No information available	No information available	No information available	No inforn available	nation	-	
Chronic inhalation			No information available	No information available	No information available	No inform	nation	-	
-									
Specific	targe	t organ toxici	ty – repeated e	exposure (STO	T RE):				
			Specific effect	:S	Target or	gan		Note	
Subacute oral		No informa	ition available		No information available		-		
Subacute dermal No informa		No informa	ation available		No information available -		-		



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Subchro	Subchronic oral No information av		able	No information available	-		
Subchronic dermal		No information availa	able	No information available	-		
Subchro	onic inhalation	No information availa	able	No information available	-		
Chronic	oral	No information availa	able	No information available	-		
Chronic	dermal	No information availa	able	No information available	-		
Chronic	inhalation	No information availa	able	No information available	-		
	CMR effects (	carcinogenicity, mutage	nicity, reproductiv	e toxicity)			
	Carcinogenici <sup>-</sup>	ty:	No information available				
	Mutagenicity	in-vitro:	No information available  No information available  No information available				
	Genotoxicity:						
	Mutagenicity	in-vivo:					
	Germ cell mut	tagenicity:	No information a				
	Reproductive	toxicity:	No information a				
	Summary of e	valuation of the CMR p	roperties:	-			
	:						
11.2.	Information o	n other hazards:					
11.2.1.	Endocrine dis	rupting properties:					
	No known properties that	endocrine disrupti at affect human health.	ng				
11.2.2.	Other informa	ations:					

SECTION 12. Ecological information									
12.1. Toxicity									
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note			
Fish	LC <sub>50</sub>	96 hours	Fish	ECHA	>85.9 mg/l (aluminium sulphate octadecahydrate)	-			
Crustacea:	EC <sub>50</sub>	48 hours	aquatic invertebrates	ECHA	>200 mg/l (aluminium sulphate	-			



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	HEMATOXYLIN INSTANT – COMPONENT B	rading name:	Trading na
Product code: HEMI-KB Revision date: 14 November 2022 Version: 4	Revision date: 14 November 2022 Version: 4	roduct code: HEMI-KB	Product co

Algae/aquatic plants	IC <sub>50</sub>	8 days	algae	No information available	-	-
Microorganisms	LC <sub>50</sub>	72 hours	-	-	-	-
Chronic toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC <sub>50</sub>	96 hours	No information available	No information available	No information available	<b>–</b>
Crustacea:	EC <sub>50</sub>	48 hours	No information available	No information available	No information available	-
Algae/aquatic plants	IC <sub>50</sub>	72 hours	No information available	No information available	No information available	-
Other organisms	EC <sub>50</sub>	180 min	microorganisms	ЕСНА	>1.000 mg/l (aluminium sulphate octadecahydrate)	-

#### 12.2. Persistence and degradability

Abiotic degradation

	Degradation half-lives	Method	Evaluation	Note
Marine water	No information available	No information available	No information available	-
Fresh water	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 potential

Partition coefficient: n-octanol/water (log Kow):

Value	Concentration	рН	°C	Method	Evaluation	Note
-	No information available	_	_	No information available	No information available	-



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Trading	name:	HEMATOXYLIN INSTANT – COMPONENT B									
Produc	t code:	HEM	I-KB		Revis	sion date:	14 Nove	ember 2	2022	Version:	4
	Bioconc	entration	factor (BCF)	)							
Vá	alue		Species	<u>′</u>	Me	ethod	Eva	luation		Not	:e
No infor		No availa	inform	nation	No info	ormation le	No inform available	ation		No informati available	on
	Chronic	ecotoxici	ity		:		:				
	Value		Dose		osure me	Species	Meth	od	E۷	aluation	Note
Chronic	toxicity o	n fish	LC <sub>50</sub>	No inforr availa	mation able	No informat ion available	No inform available	ation	No int	formation ble	-
	toxicity o ea ( <i>Daphn</i>		EC <sub>50</sub>	No inforr availa	mation able	No informat ion available	No inform available	ation	No inf	formation ble	-
12.4.	Mobility	in soil									
	· ·		ted distribut	ion in e	environm	nental comp	partments:				
	No infor	mation a	vailable								
	Surface	tension:									
	Value	)	°C		Conce	entration	Meth	od		Note	
	No informat available	i av	o inform ailable	nation	No info	ormation le	No inform available	ation	n -		
							<u>i</u>		1		
	Adsorpt	on / des									
Transpo	rt	A/D coe Henry's c		lo	g Kow	Evapor	ration rate	М	lethod	N	lote
Soil-wat	er No ava	ii lable	nformation	No in availa	oformatic oble	n No info availab	ormation le	No inf availat	ormatio ole	n -	



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r No information available	No information available	No information available	No information available	-
No information available	No information available	No information available	No information available	-
Results of PBT and vPvB ass	essment			
No information available				
Endocrine disrupting prope	rties			
No known endocrine disrup	ting properties tha	t affect the environ	ment.	
Other adverse effects				
	ected.			
-				
waste treatment methods				
Product/Packaging dispos	al:			
Submit for disposal to the Protection.	legal person autho	rized by the Minist	ry of Environmental	and Nature
Waste codes/waste design	nations according to	o Law:		
No information available	<u>-</u>			
Waste treatment – relevar	nt information:			
No information available				
<u> </u>		an system		
waste must not be dispos	ed of fillo the sewa	ge system.		
Other disposal recommen	dations:			
-	in charge. Do not	dispose of the pack	caging into the sewa	ge system. Submit
ignition may occur.				
	Results of PBT and vPvB ass No information available  Endocrine disrupting prope No known endocrine disrupting Other adverse effects No adverse effects are expensively  Naste treatment methods  Product/Packaging disposed Submit for disposal to the Protection.  Waste codes/waste design No information available  Waste treatment — relevant No information available  Sewage disposal — relevant Waste must not be disposed of the product dispose dispose of the product dispose d	Results of PBT and vPvB assessment No information available  Results of PBT and vPvB assessment No information available  Endocrine disrupting properties No known endocrine disrupting properties that Other adverse effects No adverse effects are expected.  Nate treatment methods  Product/Packaging disposal: Submit for disposal to the legal person author Protection.  Waste codes/waste designations according to No information available  Waste treatment — relevant information: No information available  Sewage disposal — relevant information: Waste must not be disposed of into the sewal Other dispose of the product's remains into authorized by the ministry in charge. Do not dispose on the service of the product's remains into authorized by the ministry in charge. Do not dispose on the service of the product's remains into authorized by the ministry in charge. Do not dispose of the product's remains into authorized by the ministry in charge. Do not dispose of the product's remains into authorized by the ministry in charge.	Results of PBT and vPvB assessment  No information available  Results of PBT and vPvB assessment  No information available  Endocrine disrupting properties  No known endocrine disrupting properties that affect the environ of the adverse effects  No adverse effects are expected.  Nate treatment methods  Product/Packaging disposal:  Submit for disposal to the legal person authorized by the Minist Protection.  Waste codes/waste designations according to Law:  No information available  Waste treatment — relevant information:  No information available  Sewage disposal — relevant information:  Waste must not be disposed of into the sewage system.  Other disposal recommendations:  Do not dispose of the product's remains into the sewage system authorized by the ministry in charge. Do not dispose of the pack	available available available available available available available available available No information available  Results of PBT and vPvB assessment  No information available  Endocrine disrupting properties  No known endocrine disrupting properties that affect the environment.  Other adverse effects  No adverse effects are expected.  Value 13. Disposal considerations  Waste treatment methods  Product/Packaging disposal:  Submit for disposal to the legal person authorized by the Ministry of Environmental Protection.  Waste codes/waste designations according to Law:  No information available  Waste treatment – relevant information:  No information available  Sewage disposal – relevant information:  Waste must not be disposed of into the sewage system.  Other disposal recommendations:  Do not dispose of the product's remains into the sewage system. Submit the remain authorized by the ministry in charge. Do not dispose of the packaging into the sewage available a



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SECTION 14. Transport information					
Transporting/shipment by road	(ADR)				
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 rail (F	RID)				
UN number:	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)					
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 (I	MDG)				
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 (IC	CAO-TI/IATA-DGR)				
UN number:	Not subject to transport regulations.				
UN proper shipping name:	-				
Transport hazard class(es):	-				
Packing group:	-				



Trading name:

Further information:

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

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	·		·	
Product code:	HEMI-KB	Revision date:	14 November 2022	Version: 4
	,	,		
Environmentally haz	zardous:	-		
Special precautions	for user:	-		
	<u>.                                    </u>			

The product is not subject to classification.

15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture			
	EU regulations			
	Authorization and/or restrictions 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 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			
	None			

#### **SECTION 16. Other information**



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Trading name:	HEMATOXYLIN INSTANT – COMPONENT B				
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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:	-			
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)				
Classific	cation	Classification procedure			
-		-			
16.5.	Relevant H statements (number and full text)				
	H: 318	Causes serious eye damage.			
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
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