

HEMATOXYLIN INSTANT KIT

The kit contains:

Hematoxylin Instant - component A

Hematoxylin Instant - component B



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

1.1.	Product identifier				
	Trading name:	HEMATOXYLIN INSTANT – COMPONENT A			
	Chemical name:	_			
	Catalogue number:	HEMI-KA			
1.2.	Relevant identified uses	of the substa	ance or mi	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 advised against:		The product is intended for use only as an <i>in vitro</i> diagnostic 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 safety data sheet				
	Supplier:	Bio	oGnost Ltd.		
	Address:	Me	ledjugorska 59, Zagreb		
	Telephone number:	+38	385 1 2409997		
	Fax no.:	+38	385 1 2404039		
	e-mail of competent per	rson: <u>msc</u>	nsds@biognost.hr		
	National contact: -				
1.4.	Emergency telephone n	Emergency telephone number			
	National Protection and	Rescue Dire	ctorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			_	

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



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	Hazard pictograms:	GHS05
	Signal word:	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 PRT and vPvR asse	
	PBT or a vPvB.	According to the results of its assessment, this substance is not a

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	ures			
	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 i	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	ECTION 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Small fire - water spray, dry powder, foam, 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				
	Do not enter fire area without pro	oper protective equipment, including respiratory protection.			
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:					
	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 8 for information	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. I	horoug	hly wash hands after work and before eating.	
7.2.	Conditions for safe storage, including any inco	mpatibi	lities	
	Technical measures and storage conditions:		n tightly closed and upright set containers in a well ted place.	
	Packaging materials:	Manuf	acturer's original packaging.	
	Requirements for storage rooms and vessels:	•	away 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	t place the unused material in the storage room onot use empty containers for storing other cals. Do not store with incompatible materials (see n 9).	



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

SECTION 8. 8.1. Cor				al protec	tion					
8.1. Control parameters Substance CAS No			No		ccupation		osure limit n values		Biological limit values	
			C/ (3 1	•		ppm		mg/m³		siological milit values
-					-		-	No ir	nformation available	
Substance name:	Alumi	nium su	lphate octa	decahydr	ate					
EC No:	233-1	35-0	CAS No:	778	34-31	-8				
DNEL				'			l			
					Inc	dustrial				
Route of exposure:			Acute ect local		Acute		Chronic effect local		Chronic effect systemic	
Oral		-		-			-			-
Inhalation		-		-			-			13,4 mg/m³
Dermal		-		-			-			3,8 mg/kg bw/day
Critical physi	cal parar	meters:	solubility, fla	mmabilit	ty, cor	rosivity:		-		
				1	Co	nsumer	1			
Route of exposure:			Acute ect local		Acute ct syst			Chronic effect local		Chronic effect systemic
Oral		-		-			-			-
Inhalation		-		-			-			-
Dermal		-		-			-			-
PNEC										
Environmental protection target				PNEC						
Fresh water						n available				
Freshwater sediments				No information available						
Marine water								n available		
Marine sediments				No information available						
Food chain				No information available						
Microorganisms in sewage treatment				No info	rmatio	n available				



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Soil (agric	cultural)		No information available			
Air			No information available			
8.2.	Exposure controls					
8.2.1.	Engineering measures					
	Substance/mixture related measures to prevent exponential 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 pr exposure:	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 pre exposure:	event	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.			
8.2.2.	Personal protection equip	pment				
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 relater measures to prevent experience.	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 pre exposure:	event	See Section 6			

SECTION 9. Ph	ysical and	chemical	properties
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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
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	ON 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 toxi	city:				
Route of exposure:	Method	Species	Effective dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposu time	RACILITO
Oral exposure:	anhydrous (ECHA)	rabbit	LD ₅₀	-	>2.000-<5.000 mg/kg (aluminium sulphate octadecahydrate)
Dermal exposure:	anhydrous (ECHA)	rat	LD ₅₀	-	>5.000mg/kg (aluminium sulphate octadecahydrate)
Inhalation exposure:	No information available	-	LC ₅₀	-	-
Specific ta	rget organ toxicity – sing	•	SE):		
	Specific	effects		et organ	Note
Oral exposure:	No information ava	ilable	No inform available	nation	-
Dermal exposure:	No information ava	ilable	No inform available	nation	-
Inhalation exposure	e: No information ava	ilable	No inform available	nation	-
Respirator	y 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	on				
Dermal exposure:	No information available	 e			
Inhalation exposure:	No information available	e			
Symptom	s related to the physical, o	hemical and toxic	cological char	actoristics	



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Dermal exposure	e:	No informati	on available					
Inhalation expos	ure:	No informati	on available					
Eye exposure:		Causes serio	us eye damage	9				
,								
Repeat	ed dos	se toxicity (sub	pacute, 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 inform	nation	–
Subacute dermal	No avail	information able	No information available	No information available	No information available	No information available		-
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 inform	nation	-
Chronic dermal	No avail	information able	No information available	No information available	No information available	No inform	nation	-
Chronic inhalation	No information available		No information available	No information available	No information available	No inform	nation	-
Specific	c 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 derma	1	No informa	ation available		No information available -		-	
Subacute inhalat	tion	No informa	ation available		No information	available	-	



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Subchro	onic oral	No information avail	able	No information available	-			
Subchro	onic dermal	No information avail	able	No information available	_			
Subchro	onic inhalation	No information avail	able	No information available	_			
Chronic	oral	No information avail	able	No information available	_			
Chronic	dermal	No information avail	able	No information available	-			
Chronic	inhalation	No information avail	able	No information available	-			
	CMR effects (d	carcinogenicity, mutag	enicity, reproductiv	ve toxicity)				
	Carcinogenici	ty:	No information a	vailable				
	Mutagenicity	in-vitro:	No information available					
	Genotoxicity:		No information a	vailable				
	Mutagenicity	in-vivo:	No information a	vailable				
	Germ cell mut	agenicity:	No information a	vailable				
	Reproductive	toxicity:	No information a	vailable				
	Summary of e	valuation of the CMR p	oroperties:	-				
11.2.	Information o	n other hazards:						
11.2.1.	Endocrine disi	rupting properties:						
	No known properties tha	endocrine disrupt t affect human health.	ing					
11.2.2.	Other informa	itions:						
	_							

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



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Product code: Algae/aquatic plants Microorganisms Chronic toxicity	HEMI-KA		Re	vision date:	1⊿	November 2	2022	Varcion:	1
plants Microorganisms	IC ₅₀			Revision date: 14 November 2			2022 Version: 4		4
		8 days		algae		information available		_	-
Chronic toxicity	s LC ₅₀	72 hours	-		-			-	-
	Dose	Exposure time	e	Species		Method Evaluation		Note	
Fish	LC ₅₀	96 hours	No ir avail	nformation able	No ir availa	nformation able	No i avail	nformation able	-
Crustacea:	EC ₅₀	48 hours	No ir avail	nformation able	No ir availa	nformation able	No i avail	nformation able	-
Algae/aquatic plants	IC ₅₀	72 hours	No ir avail	nformation able	No ir availa	nformation able	No i avail	nformation able	-
Other organism	s EC ₅₀	180 min	micro	oorganisms	ECHA	>1.000 mg/l (aluminium sulphate octadecahydrate)		-	
	tence and degra c degradation Degradation h	•		Method		Ev	valuation	on	Note
Abioti		nalf-lives		Method		Eν	/aluati	on	Note
water	No information			ormation ava		No informat			-
	No information			ormation ava		No informat			-
	No information			ormation ava		No informat			-
Soil	No information	available	No info	ormation ava	lable	No informat	tion av	/ailable	-
Biode	gradation								
% Degradation	Time (d	ays)	М	ethod		Evaluation		Not	e
No information available	No infa	ormation	No infor available			o information railable		No information	n available
		***			!				
	cumulative poter		ator /l	Kaw):					
	on coefficient: n	-octanol/wa pH	°C	Kow): Method	4	Evaluati	ion	NL	ote
N		- μπ	-	No informa		No informa		-	ne .



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D:	00000	tration	factor (PCE)								
Value		itiation	factor (BCF))	Mad	thad	Eval	luation		No	to
No informa		No	Species inform	nation	Method		Evaluation No information		No informat		
available	available		iation		No information available No information available		ation		available		
Cl	avanis as	o to vi cit	.						·		
Ci	nronic ed	COLOXICI	ıy	- Francis							
V	'alue		Dose		osure me	Species	Metho	bc	E۱	/aluation	Note
Chronic tox	icity on	fish	LC ₅₀	No inforn availa	nation	No informat ion available	No inform available	ation	No int	formation ble	-
Chronic tox crustacea (<i>L</i>	-)	EC ₅₀	No inforn availa	nation	No informat ion available	No inform available	ation	No information available		-
12.4. M	obility ir	n soil									
			ed distribut	ion in e	nvironme	ental com	nartments:				
	o inform	-				ziitai comp	Jartinerits.				
	ırface te		vaniabie								
	Value		°C		Conce	ntration	Metho	 od		Note	
		on ava	inform ailable	nation	No infor	rmation	No inform available		-		
Ad	dsorptio										
Transport		./D coef enry's co		lo	g Kow	Evapo	ration rate	V	lethod	l	Note
Soil-water	No availa		nformation	No in availa	formation ble	n No info availab	ormation ble	No inf availat	ormatic ole	on -	



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Water-a	ir 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.	Results of PBT and vPvB asse	essment			
	No information available				
12.6.	Endocrine disrupting proper	ties			
	No known endocrine disrupt	ing properties tha	t affect the environ	ment.	
12.7.	Other adverse effects				
	No adverse effects are exped	ted.			
	N 13. Disposal consideration	ıs			
13.1.	Waste treatment methods				
13.1.1.	Product/Packaging disposa	ıl:			
	Submit for disposal to the Protection.		rized by the Minist	ry of Environmental	and Nature
13.1.2.	Waste codes/waste design	ations 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 dispose	ed of into the sewa	ge system.		
13.1.5.	Other disposal recommend	ations:			
	Do not dispose of the proc authorized by the ministry the packaging to the collect ignition may occur.	uct's remains into in charge. Do not o	dispose of the pack	aging into the sewa	ige system. Submit
13.1.6.	Relevant Community provi	sions:			
	-				



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SECTION 14. Transport information	
Transporting/shipment by ro	pad (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 ra	iil (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 (A	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 se	ea (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 ai	r (ICAO-TI/IATA-DGR)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-



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Environmentally hazardous:		-					
Special precautions for user:		-					
Further information	n: Tł	ne product is not s	subject to classifica	tion.			

15.1.	Safety, health and enviro	Safety, health and environmental regulations/legislation specific for the substance or mixture					
	EU regulations						
	Authorization and/or rest	trictions 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-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 assessme	ent					
	None						

SECTIO	N 16. Other information	
16.1.	Indication of changes:	-



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

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 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 the product) We are not responsible for consequences in case of failure to comply wi 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

1.1.	Product identifier					
	Trading name:	HEMATOXYLIN INSTANT – COMPONENT B				
	Chemical name:	-				
	Catalogue number:	HEMI-KB				
1.2.	Relevant identified uses	Relevant identified uses of the substance or mixture and uses advised against				
	Uses:			ring Hematoxylin Instant for nuclear staining in ology and cytology.		
	Uses advised against:		Only the i	identified uses are advised.		
	Reason why uses advised against:		The product is intended for use only as an <i>in vitro</i> diagnostic 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	Details of the supplier of the safety data sheet				
	Supplier:	Ві	oGnost Ltd.			
	Address:	М	edjugorska	59, Zagreb		
	Telephone number:	+3	385 1 2409997			
	Fax no.:	+3	+385 1 2404039			
	e-mail of competent pe	erson: <u>m</u>	nsds@biognost.hr			
	National contact: -					
1.4.	Emergency telephone r	number				
	National Protection and	d Rescue Dir	ectorate:	112		
	Medical information:			+385 1 2348 342		
	Other information:			-		

SECTIO	CTION 2. Hazards identification					
2.1.	Classification of the substance or mixture					
2.1.1.	Classification according to Regula	ation (EC) No 1272/20	08 (CLP)			
	Hazard class and cated	gory 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				
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	Hazard pictograms:	GHS05
	Signal word:	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)	ldentification 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	ires			
	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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Trading name:	HEMATOXYLIN INSTANT – COMPONENT B						
Product code:	HEMI-KB	Revision date:	14 November 2022	Version:	4		

	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 i	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	lo information available				
4.3.	Indication of any immedia	te medi	cal attention and special treatment needed				
	-						

SECTIO	ON 5. Firefighting measures					
5.1.	Extinguishing media					
	Suitable extinguishing media: Small fire - water spray, dry powder, foam, CO ₂ Large fire - water spray or alcohol-resistant foam					
	Unsuitable extinguishing media: water jet					
5.2.	Special hazards arising from the s	ubstance or mixture				
	Hazardous combustion products: No information available					
5.3.	Advice for firefighters					
	Do not enter fire area without pro	per protective equipment, including respiratory protection.				
5.4.	Additional information					
	Remove sources of heat and ignit Do not contaminate the environm					

SECTIO	ON 6. Accidental release measures	s e e e e e e e e e e e e e e e e e e e				
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, drain Protection and Rescue Directorate	inage system and waterways. In case of large spillage contact National e (NPRD) on 112.				



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Trading name:	HEMATOXYLIN INSTANT – COMPONENT B						
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6.3.	Methods and material for co	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 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. I	Thorough	nly wash hands after work and before eating.				
7.2.	Conditions for safe storage, including any inco	mpatibil	ities				
	Technical measures and storage conditions:		n tightly closed and upright set containers in a well ted place.				
	Packaging materials:	Manuf	Manufacturer's original packaging.				
	Requirements for storage rooms and vessels:		Keep away from food and drink. Keep the containers ightly closed.				
	Advices for storage equipment:	The storage must be made of hard material; floor be resistant to chemicals. There must be no drain 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 cals. Do not store with incompatible materials (see n 9).				



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

1112		<u> </u>	ecinc solutio								
SECTION 8. I	Exposur	e contr	ols/persona	al protec	tion						
8.1. Con	trol para	meters									
Substance					cupational exposure limit values/short term values		Biological limit values				
					ppm	opm mg/m³					
-		-			-		-	No ir	formation available		
Substance name:	Alumir	nium su	lphate octa	decahydı	rate						
EC No:	233-13	35-0	CAS No:	77	84-31	-8					
DNEL											
					In	dustrial	•				
Route of			Acute		Acute			Chronic		Chronic	
exposure:		effe	ect local	effe	ct sys	temic	effect local			effect systemic	
Oral		-		-			-		-		
Inhalation		-		-			-			13,4 mg/m³	
Dermal		-		-			-			3,8 mg/kg bw/day	
Critical physic	cal paran	neters: :	solubility, fla	mmabili							
				Π		nsumer				<u> </u>	
Route of exposure:			Acute ect local	Acural effect sys			Chronic effect local			Chronic effect systemic	
Oral		-	ect iocai	-	ct sys	ternic	_	eriect local		-	
Inhalation		_		_			_			-	
Dermal		_		_			_			-	
PNEC				<u> </u>			<u> </u>				
Environmenta	al protec	tion tar	get			PNEC					
Fresh water				No information available							
Freshwater sediments				No information available							
Marine water				No information available							
Marine sediments					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 related 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 pre exposure:	event	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.			
8.2.2.	Personal protection equip	pment				
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.	ical protection gloves are suitable, which are tested according to EN 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	se of inadequate ventilation wear respiratory protection.			
8.2.2.4.	Thermal hazards:	No in	formation available			
8.2.3.	Environmental exposure of	controls	5			
	Substance/mixture related measures to prevent expo		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 pre exposure:	event	ee 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
	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
.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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Trading name:	HEMATOXYLIN INSTANT – COMPONENT B					
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Acute toxi	icity:				
Route of exposure:	Method	Species	Effective dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposu time	RACILITO
Oral exposure:	anhydrous (ECHA)	rabbit	LD ₅₀	-	>2.000-<5.000 mg/kg (aluminium sulphate octadecahydrate)
Dermal exposure:	anhydrous (ECHA)	rat	LD ₅₀	-	>5.000mg/kg (aluminium sulphate octadecahydrate)
Inhalation exposure:	No information available	-	LC ₅₀	-	-
Specific ta	rget organ toxicity – sing	•			
	Specific	effects	Targe	et organ	Note
Oral exposure:	No information ava	ilable	No information available		-
Dermal exposure:	No information ava	nformation available		ation	-
Inhalation exposure	e: No information ava	ilable	No inform available	-	
Respirator	y irritation:	No information	available		
Irritation	and corrosion				
middone	Exposure time	Species	Evaluati on	Meth od	Note
Skin irritation:	-	-	-	-	
Eye irritation:	-	-	-	- (Causes serious eye damage
Sensitizati	on				
Dermal exposure:	No information available	e			
Inhalation exposure:	No information availabl				
Symptom	s related to the physical, o	chemical and toxic	cological chara	acteristics	
Oral exposure:	No information avail				



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Dermal exposure Inhalation expos		No informati No informati						
-								
Eye exposure:		Causes serio	us eye damage	9				
Repeat	ed dos	e toxicity (sub	oacute, subchr	onic, chronic)				
		Dose	Exposure time	Species	Method	Evaluatio	n	Note
Subacute oral	No availa	information able	No information available	No information available	No information available	No inform	nation	-
Subacute dermal	No availa	information able	No information available	No information available	No information available	No inform	nation	-
Subacute inhalation	No availa	information able	No information available	No information available	No information available	No inform	nation	-
Subchronic oral	No availa	information ible	No information available	No information available	No information available	No inform	nation	-
Subchronic dermal	No availa	information able	No information available	No information available	No information available	No inform	nation	-
Subchronic inhalation	No availa	information ible	No information available	No information available	No information available	No inform	nation	-
Chronic oral	No availa	information ible	No information available	No information available	No information available	No inform	nation	-
Chronic dermal	No availa	information ible	No information available	No information available	No information available	No inform	nation	-
Chronic No information available			No information available	No information available	No information available	No inform	nation	-
Specific	target	organ toxici	ty – repeated o	exposure (STO	T RE):			
			Specific effect	:s	Target organ			Note
Subacute oral		No informa	tion available		No information available -		-	
Subacute derma	l	No informa	tion available		No information	available	-	
Subacute inhalat	ion	No informa	ition available		No information	available	_	



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

Cubabra	onic oral	No information avai	labla	No information available			
					-		
	onic dermal	No information avai		No information available	-		
Subchro	onic inhalation	No information avai	lable	No information available	-		
Chronic	oral	No information avai	lable	No information available	-		
Chronic	dermal	No information avai	lable	No information available	-		
Chronic	inhalation	No information avai	lable	No information available	-		
	CMR effects (c	carcinogenicity, mutag	genicity, reproductiv	ve toxicity)			
	Carcinogenicit	ty:	No information a	vailable			
	Mutagenicity (in-vitro:	No information available				
	Genotoxicity:		No information available				
	Mutagenicity (in-vivo:	No information available				
	Germ cell mut	agenicity:	No information available				
	Reproductive	toxicity:	No information available				
	Summary of e	valuation of the CMR	properties:	-			
11.2.	Information o	n other hazards:					
11.2.1.	Endocrine disr	rupting properties:					
	No known properties tha	endocrine disrupt t affect human health	•				
11.2.2.	Other informa	tions:					
	_						

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



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Trading name	e:			HEMA	TOXYLIN IN	STAN	T – COMPO	NEN	ТВ	
Product code	e:	HEMI-KB		Re	evision date:	14	November 2	2022	Version:	4
Algae/aquatic plants		IC ₅₀	8 days		algae		nformation vailable		_	-
Microorganisn	ns	LC ₅₀	72 hours	-		-			-	-
Chronic toxicit	У	Dose	Exposure time	e	Species	ľ	Method		Evaluation	Note
Fish		LC ₅₀	96 hours		nformation lable	No ir availa	nformation able		nformation able	-
Crustacea:		EC ₅₀	48 hours		nformation lable	No ir availa	nformation able		nformation able	-
Algae/aquatic plants		IC ₅₀	72 hours		nformation lable	No ir availa	nformation able		nformation able	-
Other organisi	ms	EC ₅₀	180 min	micr	oorganisms	ECHA	4	(alur sulp	00 mg/l minium hate decahydrate)	-
Abio		gradation egradation h	alf-lives		Method		Ev	aluati	on	Note
		e and degrad gradation	dability							
Marine	No i	nformation a	availahle	No inf	ormation avai	lahla	No informat	tion a	vailable	_
water										_
Fresh water		nformation a			ormation avai		No informat			-
Air		nformation a					No informat			-
Soil	NO I	nformation a	avallable	NO INT	ormation avai	iabie	No informat	tion a	valiable	-
Biode	egrad	ation								
% Degradatio	n	Time (da	nys)	N	1ethod	Evaluation		Not	Note	
		No information N					No information available		No information availa	
		ulative poten		ator (la-	Kow):					
Value		oefficient: n- centration	pH	°C	Method	1	Evaluat	ion	NI	ote
value		nformation	Pil		No informat		No informa		IN	



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Trading na	ame:			Н	ЕМАТО	XYLIN IN	STANT – C	ОМРО	ONENT	В	
Product co	ode:	HEMI	-KB		Revis	sion date:	14 Nove	ember	2022	Version:	4
Ві	ioconcen	tration	factor (BCF)							<i>.</i>
Value			Species	·	M	ethod	Eva	luation		No	te
No informa available	ation	No availab	inform	nation	No info	ormation le	No inform available	ation		No informat available	ion
C	hronic ed	otoxici	ty								
١	/alue		Dose		osure me	Species	Metho	od	E,	valuation	Note
Chronic tox	kicity on	fish	LC ₅₀	No inforr availa	nation ble	No informat ion available	No inform available	ation	No information available		-
Chronic tox crustacea (-)	EC ₅₀	No inforr availa	nation ble	No informat ion available	No inform available	ation	No in availa	formation ble	-
12.4. N	من بداناه دا	s soil									
	lobility in		ed distribut	ion in e	nvironm	nental comm	nartments:				
	o inform					ientai comp	Jartinents.				
Sı	urface te	nsion:									
	Value		°C		Conce	entration	Metho	od		Note	
in	No information available		o inform ailable	nation	No info	ormation lle	No inform available	ation	-		
A	dsorptio	n / desc	orption								
Transport	A	/D coef		lo	g Kow	Evapo	ration rate	N	Method		Note
Soil-water	No availa		nformation	No in availa	formation ble	on No info availab	ormation lle	No in	formation	on -	



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Trading name:		HEMATOXYLIN INS	STANT – COMPONENT	В	
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Water-ai	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.	Results of PBT and vPvB asse	essment							
	No information available								
12.6.	Endocrine disrupting proper	ties							
	No known endocrine disrup	ting properties tha	t affect the environ	ment.					
12.7.	Other adverse effects								
	No adverse effects are expec	cted.							
SECTION	N 13. Disposal consideration	15							
13.1.	Waste treatment methods								
13.1.1.	Product/Packaging disposa	Al-							
13.1.1.	Submit for disposal to the Protection.		rized by the Minist	ry of Environmental	and Nature				
13.1.2.	Waste codes/waste design No information available	ations according to) Law:						
	The intermediation available								
13.1.3.	Waste treatment – relevant information:								
	No information available								
13.1.4.	Sewage disposal – relevant	information:							
	Waste must not be dispose	ed of into the sewa	ge system.						
13.1.5.	Other disposal recommend	lations:							
	Do not dispose of the product's remains into the sewage system. Submit the remains to the collect authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Sut the packaging to the collectors authorized by the ministry in charge. Do not dispose of in places with a packaging to the collectors authorized by the ministry in charge.								
	ignition may occur.								



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

SECTION 14. Transport information	on
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 (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 (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.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-



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Trading name:		HEMATOXYLIN INS	TANT – COMPONENT	В	
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Environmentally hazardous:		-
Special precautions for user:		-
Further information:	The product is	not subject to classification.

15.1.	Safety, health and environ	nmental regulations/legislation specific for the substance or mixture
	EU regulations	
	Authorization and/or rest	trictions 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 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		
16.1. Indication of chan	s: -	



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Trading name:	HE	MATOXYLIN INS	TANT – COMPONENT	B	
Product code:	HEMI-KB	Revision date:	14 November 2022	Version:	4

16.2.	Abbreviations and acronym	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:	d -			
16.4.	Classification and procedure 1272/2008 (CLP)	e used to derive the classification for mixture according to Regulation (EC)			
Classifi	cation	Classification procedure			
-		-			
16.5.	Relevant H statements (num	nber 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			
10.7.	ruitilei iiiloifilatiofi.	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