

### LEUKOGNOST PERLS

The kit contains:

Reagent 1 (Potassium hexacyanoferrate, solution)

Reagent 2 (HCL reagent, LeukoGnost Perls)

Reagent 3 (Nuclear Fast Red reagent)



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Trading name:	POTASSIUM HEXACYANOFERRATE, SOLUTION				
Product code:	KHC-OT-X**	Date of compilation:	21 Dec 2022	Version: 4	

1.1.	Product identifier				
	Trading name:	POTASSIUI	POTASSIUM HEXACYANOFERRATE, SOLUTION		
	Chemical name:	-			
	Catalogue number:	KHC-OT-X			
1.2.	Relevant identified use	es of the subs	stance or mi	xture and uses advised against	
	Uses:		For use w	ith HemoGnost Perls kit.	
	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 t: 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	Details of the supplier of the safety data sheet			
	Supplier: Bi		ioGnost Ltd.		
	Address:	N	Medjugorska 59, Zagreb		
	Telephone number:		+385 1 2409997		
	Fax no.:	+	+385 1 2404039		
	e-mail of competent p	erson: <u>n</u>	msds@biognost.hr		
	National contact:	-	-		
1.4.	Emergency telephone	Emergency telephone number			
	National Protection ar	nd Rescue Dir	ectorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			-	

SECTIO	SECTION 2 HAZARDS INFORMATION					
2.1.	Classification of the substance or mixture					
2.1.1.	Classification (REGULATION (EC) No. 1272/2008 (CLP)					
	Hazard class and category code: Hazard statements*:					
	Not identified as hazardous substance					
2.1.2.	Additional information					
	-					
*For fu	ll text of Hazard- and EU Hazard-sta	tements: see S	ection 16			
2.2.	Classification according to EC Dire	ective Nr. 1272,	/2008 CLP)			
	Product identification:	POTASSIUM	HEXACYANOFERRATE, SOLUTION			
	Identification number:	-				
	Authorization no.:					
	Hazard pictograms: -					



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	Signal word: -				
	Hazard statements: -				
	Precautionary statements: -				
	Further information: -				
2.3.	Other hazards				
	Endocrine Disrupting Properties:				
	No known endocrine disrupting properties				
	<b>Results of PBT and vPvB assessment</b> : According to the results of its assessment, this substance is not a 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)	
_	-	-	Contains no hazardous substances	-	

SECTION	ON 4 FIRST AID MEASURES			
4.1.	Description of first aid measures			
	General notes:	-		
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. If breathing becomes erratic or it stops, immediately apply artificial respiration (other than mouth-to-mouth) and contact a physician.		
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water and soap. Seek medical assistance if the symptoms of irritation remain.  Rinse out with plenty of water with the eyelid held wide open using clean fingers. If the symptoms remain, immediately call a physician.		
	Following eye contact:			
	Following ingestion:	Do not induce vomiting. Make the afflicted person drink a glass of water. If spontaneous vomiting occurs, wash the mouth with water, then make the person drink 100-200 ml of water and seek medical attention.		
	Self-protection of the first aider	Treat symptomatically.		
4.2.	Most important symptoms and effects, both acute and delayed			
	FOILOWING INNAISTION.	ccording to our findings, chemical, physical and toxicological properties of ne substance have not been entirely tested.		
	FOIIOWING SKIN CONTACT.	ccording to our findings, chemical, physical and toxicological properties of ne substance have not been entirely tested.		



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	Following eye contact:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.		
	Following ingestion:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.		
4.3.	Indication of any immediate medical attention and special treatment needed			
	-			

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

SECTIO	SECTION 6 ACCIDENTAL RELEASE MEASURES				
6.1.	Personal precautions, protective equipment and emergency procedures				
6.1.1.	For non-emergency personnel				
	Protective equipment:	Use personal protective equipment (see Section 8).			
	Accident prevention methods	Evacuate members of all non-essential personnel and those members without protective equipment. Remove all sources of sparks and ignition. Do not smoke.			
	Emergency procedures:	Mark the area using proper signs.			
6.1.2.	For emergency responders:				
	Wear protective equipment (see Section 8).				
6.2.	Environmental precautions:				
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.				
6.3.	Methods and material for containment and cleaning up				
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.			



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6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using inflammable material (sand, diatomaceous earth, vermiculite). Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and and involved materials with water.
6.3.3.	Other information:	-
6.4.	Reference to other sections	
	-	

SECTIO	ON 7 HANDLING AN 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 generati	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 inco	ibilities			
	Technical measures and storage conditions: ver		Keep in tightly closed and upright set containers in a well ventilated storage rooms, and away from sources of heat, sunlight, and other incompatible substances.		
	Packaging materials:	Ma	nufacturer's original packaging.		
	Requirements for storage rooms and vessels:		Keep away from food and drink. Keep the containers tightly closed.		
	Advices for storage equipment:	be dire	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.		
	Further information on storage conditions:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (se Section 9).			
7.3.	Specific end use(s)				
	Recommendations:	_			
	Industrial sector specific solutions:	-			



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SECTION 8 EXPOSUR	RE CON	TROLS/PER	SONAL	PROT	ECTION			
8.1. Control para	meters			ı				
Substance CAS No			No		•	exposure limit term values	Biological limit values	
				ı	ppm	mg/m³		
-		-			-	-	No information available	
Substance - name:								
EC No: -		CAS No:	-					
DNEL								
				Ind	lustrial			
Route of	A	Acute		Acute	e	Chronic	Chronic	
exposure:		ect local	effe	ct sys	temic	effect loca	l effect systemic	
Oral	-		-			-	-	
Inhalation	-	-			-		-	
Dermal	-	-		-		-		
Critical physical paran	neters: s	solubility, fla	mmabilit	y, cor	rosivity:	-		
			ı	Coı	nsumer			
Route of		Acute	Acu			Chronic	Chronic	
exposure:	effe	ect local	effect sys		temic	effect loca	l effect systemic	
Oral	-		-			-	-	
Inhalation	-		-			-	-	
Dermal	-		-			-	-	
PNEC								
Environmental protec	tion tar	get			PNEC			
Fresh water					No information available			
Freshwater sediments	5				No information available			
Marine water					No information available			
Marine sediments				No information available				
Food chain					mation availabl			
Microorganisms in sewage treatment				No information available				
Soil (agricultural)					No information available			
Air					No infor	mation availabl	e	
Air					No information available			



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8.2.	Exposure controls	Exposure controls				
8.2.1.	Engineering measures					
	Substance/mixture related measures to prevent exposure 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	ment	ment			
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:		ctive gloves must be according to the EU Directive 2016/425/EEC and ard EN 374.  Glove material: nitrile rubber  Glove thickness: ≥0.50 mm  Break through time: >480 min			
	Other skin protection:		antistatic clothing made of natural fibers (such as cotton) with long s (EN 13034), and shoes that cover the entire foot (EN 10335).			
8.2.2.3.	Respiratory protection:	filter f	ctive full face mask (EN 136) or half mask (EN 140) equipped with a or organic vapors, type "A" (boiling point >65°C) acording to EN ) used when concentration levels exceed GVI.			
8.2.2.4.	Thermal hazards:	No inf	ormation available			
8.2.3.	Environmental exposure controls					
	Substance/mixture related measures to prevent expo		See Section 6			
	Structural measures to pr exposure:	event	Use modern equipment.			
	Organisational measures prevent exposure:	to	Adapt the work process to the required working conditions of the workplace.			
	Technical measures to pro	event	See Section 6			

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES						
9.1.	9.1. Information on basic physical and chemical properties					
		Value	Method			



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Relative vapour density:	No information available	No information available
Density and/or relative density:	No information available	No information available
 Vapour pressure:	No information available	No information available
Partition coefficient n-octanol/water (log value):	No information available	No information available
Solubility:	No information available	No information available
Kinematic viscosity:	No information available	No information available
pH:	No information available	No information available
Decomposition temperature:	No information available	No information available
Auto-ignition temperature:	No information available	No information available
Flash point:	No information available	No information available
Lover and upper explosion limit:	No information available	No information available
Flammability:	No information available	No information available
Boiling point or initial boiling point and boiling range:	No information available	No information available
Melting point / freezing point:	No information available	No information available
Odour/odour threshold:	no information available	No information available
Colour:	colourless	No information available

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

SECTIO	SECTION 11 TOXICOLOGICAL INFORMATION				
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008				
	Acute toxicity:				



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Route of exposure:	Method	Species	Effective dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>mixture</sub>	Exposure time	Results
Oral exposure:	No information available	-	LD <sub>50</sub>	-	-
Dermal exposure:	No information available	_	LD <sub>50</sub>	-	_
Inhalation exposure:	No information available	_	LC <sub>50</sub>	-	-

Specific target organ toxicity – single exposure (STOT SE):							
Specific effects Target organ Not							
Oral exposure:	No information available	No information available	-				
Dermal exposure:	No information available	No information available	-				
Inhalation exposure:	No information available	No information available	-				

Respiratory irritation:	No information available

#### Irritation and corrosion

	Exposure time	Species	Evaluation	Met hod	Note
Skin irritation:	-	_	-	-	-
Eye irritation:	-	-	-	-	-

Sensitization	on
Dermal exposure:	No information available
Inhalation exposure:	No information available

Symptoms related to the physical, chemical and toxicological characteristics				
e: No information available				
sure: No information available				
posure: No information available				
: No information available				



Subchronic inhalation

Chronic oral

No information available

No information available

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

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		Dose	Exposure time	Species		Method	Evaluation	n Note
Subacute oral	No i	nformation ole	No information available	No informati available	on	No information available	No informatio available	on -
Subacute dermal	No i availal	nformation ole	No information available	No informati available	on	No information available	No informatio available	on -
Subacute inhalation	No i	nformation ole	No information available	No informati available		No information available	No information available	on -
Subchronic oral	No i	nformation ole	No information available	No informati available	on	No information available	No information available	on -
Subchronic dermal	No i	nformation ole	No information available	No informati available		No information available	No information available	on -
Subchronic inhalation	No i availal	nformation ole	No information available	No informati available		No information available	No informatio available	on -
Chronic oral	No i	nformation ole	No information available	No informati available	on	No information available	No information available	on -
Chronic dermal	No i	nformation ole	No information available	No informati available	ion	No information available	No informatio available	on -
Chronic inhalation	No i	nformation ole	No information available	No informati available	on	No information available	No informatio available	on -
Specific	target o		y – repeated e	xposure (S	TOT R	<u> </u>		NI - L -
Subacute oral			pecific effects		No :	Target organisms		Note -
Subacute dermal			ition available			nformation avai		_
Subacute inhalat			tion available			nformation avai		_
Subchronic oral			tion available			nformation avai		-
		ation available ation available		No information available				

No information available

No information available



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Chronic dermal No informati		No informat	tion available	No information available	-				
Chronic	inhalation	No informat	tion available	No information available	-				
	CMR effects	(carcinogenicity	, mutagenicity, rep	roductive toxicity)					
	Carcinogenic			able data, the classification criteria a	are not met.				
	Mutagenicity		Based on avail	able data, the classification criteria a	are not met.				
	Genotoxicity:		Based on avail	able data, the classification criteria a	are not met.				
	Mutagenicity	in-vivo:	Based on avail	Based on available data, the classification criteria are not met.					
	Germ cell mu	ıtagenicity:	Based on avail	Based on available data, the classification criteria are not met.					
	Reproductive	toxicity:	Based on available data, the classification criteria are not met.						
	Summary of	evaluation of th	e CMR properties:	-					
	Summary of	evaluation of th	e CMR properties:	-					
11.2		evaluation of th		-					
11.2 11.2.1.	Information of		ls:	-					
	Information of Endocrine dis The substate contain compared to the Endocrine dis Commission 2017/2100 of Endocrine dis Endocrine	on other hazard srupting proper	does not sidered to properties ele 57(f) or ulation (EU) Regulation						
	Information of Endocrine distribution of Endocrine distribution contain combave endocring to Commission 2017/2100 contain contain commission 2017/2100 contain	on other hazard srupting proper ance/mixture mponents con- rine disrupting o REACH Artic Delegated regular or Commission 05 at levels of	does not sidered to properties ele 57(f) or ulation (EU) Regulation						

#### 12.1. Toxicity

Acute toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC <sub>50</sub>	96 hours	No information available	No information available	-	-
Crustacea:	EC <sub>50</sub>	48 hours	No information available	No information available	-	-
Algae/aquatic plants	IC <sub>50</sub>	8 days	No information available	No information available	-	-



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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	-
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	-	-	-	-	-	-

#### 12.2. Persistence and degradability

Abiotic degradation

	Degradation half-lives	Method	Evaluation	Note
Marine water	No information available	No information available	No information available	<b>–</b>
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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,	/alue		Species		N.4.	ethod	Evaluatio	n	Not	^
	ormation	No availat	inform	ation	No infor available	mation	No informa available		No information	
	Chronic	ecotoxicit	У							
	Value		Dose		osure ime	Species	Method		Evaluation	Note
Chroni	c toxicity o	n fish	LC <sub>50</sub>	No infor avail	mation	No informatio available	No n information available		o information railable	-
	c toxicity o cea ( <i>Daphn</i>		EC <sub>50</sub>	No infor avail	mation	No informatio available	No n information available		o information vailable	-
12.4.	Mobility	in soil								
	1		ed distributi	on in e	environme	ntal compa	artments:			
,	No infor	mation av	ailable							
	Surface t	ension:								
	Value	)	°C	С	oncentrati	on	Method		No	te
	No informat available		ormation ailable		informati ailable		nformation lable		-	
	Adsorpti	on / deso	rption							
	ort	A/D coef Henry's co	ficient	lo	og Kow	Ev	aporation rate		Method	Note
Transp		in	formation		nformation	No info	rmation availab	le	No information available	-
	ater No	ilable		availa	abie					
Transp Soil-wa Water-	ater ava	ilable	formation		nformation	No info	rmation availab	le	No information available	-



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12.5.	Results of	PBT and vPvB assessm	ent		
			contain components considered		
		to REACH Article 57(f) n (EU) 2018/605 at leve	or Commission Delegated reg	ulation (EU) 2017/2	100 or Commission
	Regulation	11 (LO) 2010/003 at leve	is of 0.1% of fligher.		
12.6.	Endocrine	disrupting properties			
			contain components considere	ed to have endocrir	ne disruptina propertie
			or Commission Delegated reg		
	Regulation	n (EU) 2018/605 at leve	els of 0.1% or higher.		
12.7.	Other adv	erse effects			
	No inform	nation available			
SECTIO	N 13 DISP	OSAL CONSIDERATIO	NS		
13.1.	Waste tr	reatment methods			
13.1.1.	Product,	/Packaging disposal:			
	Submit to Protection		l person authorized by the Mir	nistry of Environme	ntal and Nature
13.1.2.		odes/waste designatio	ns according to Law:		
	No infor	mation available			
13.1.3.		reatment – relevant info	ormation:		
	No infor	mation available			
13.1.4.		disposal – relevant info			
	Waste m	nust not be disposed o	f into the sewage system.		
13.1.5.	Other di	isposal recommendatio	ons:		
13.1.3.		•	's remains into the sewage syst	em Suhmit the ron	nains to the collectors
			harge. Do not dispose of the pa		
	the pack	caging to the collectors	authorized by the ministry in		
	ianition				
13.1.6.		may occur. t Community provision			



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SECTION 14 TRANSPORT INFORM	IATION
Transporting/shipment by r	oad (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 r	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 s	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 a	air (ICAO-TI/IATA-DGR)
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmentally hazardous:	_



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Special precautions for us	er:	-	
Further information:	-		

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 19 guideline)	99/13/EC about limitation of emissions of volatile organic compounds (VOC-				
	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act				
15.2.	Chemical safety assessme	ent				
	None					

SECTION 16 Other information		
16.1.	Indication of changes:	-



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Trading name:	POTASSIUM HEXACYANOFERRATE, SOLUTION				
Product code:	KHC-OT-X**	Date of compilation:	21 Dec 2022	Version: 4	

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		
Key literature references and source of data:	-		
Classification and procedure 1272/2008 (CLP)	used to derive the classification for mixture according to Regulation (EC)		
cation	Classification procedure		
	-		
Relevant H statements (numb	er and full text)		
H: -	-		
Training advice:	-		
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.		
	source of data:  Classification and procedure of 1272/2008 (CLP)  cation  Relevant H statements (number of the content of the		

#### ANNEX:

**Exposure scenario resulting to Chemical safety assessment** 

-



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Trading name:	HCL REAGENT, LEUKOGNOST PERLS					
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2		

SECTI	ON 1: Identification of	the substance	e/mixture	and of the company/undertaking	
1.1.	Product identifier				
	Trading name:	HCL REAGE	HCL REAGENT, LEUKOGNOST PERLS		
	Chemical name:	-			
	Catalogue number:	HCLL-OT-X	HCLL-OT-X**		
1.2.	Relevant identified us	es of the subst	tance or mi	xture and uses advised against	
	Uses:		For use w	ith special staining kits in histopathology.	
	Uses advised against:		Only the i	identified uses are advised.	
	Reason why uses adv	ised against:	The product is intended for use only as an <i>in vitro</i> diagnosis:  medical device, registered at the Agency for Medicinal F Medical Devices and there is no reason to use it for other		
1.3.	Details of the supplie	r of the safety	data sheet		
	Supplier:	Bio	BioGnost Ltd.		
	Address:	М	Medjugorska 59, Zagreb +385 1 2409997 +385 1 2404039		
	Telephone number:	+3			
	Fax no.:	+3			
	e-mail of competent	person: <u>m</u>	sds@biogn	ost.hr	
	National contact:	-			
1.4.	Emergency telephone	Emergency telephone number			
1 1	National Protection and Rescue Dire		octorate:	112	
	National Protection a	nd Rescue Dire	ctorate.	112	
	National Protection a  Medical information:	nd Rescue Dire	ectorate.	+385 1 2348 342	

SECTIO	SECTION 2. Hazards identification					
2.1.	Classification of the substance or mixture					
2.1.1.	Classification according to Regulation (EC) No 1272/2008 (CLP)					
	Hazard class and category	v code:	Hazard statements*:			
	Not identified as hazardous subst	ance				
2.1.2.	Additional information					
	-					
*For fu	ll text of Hazard- and EU Hazard-sta	atements: see Sec	ion 16			
2.2.	Label elements					
	Product identification:	HCL REAGENT,	EUKOGNOST PERLS			
	Identification number: -					
	Authorization no.:	-				
	Hazard pictograms:	-				



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Trading name:	HCL REAGENT, LEUKOGNOST PERLS				
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2	

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

SECTION 3. 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)		
7647-01-0/ 231-595-7/ 017-002-00-2	-	0.7 - 1 %	hydrochloric acid	Skin Corr. 1B; H314 STOT SE 3; H335		

SECTIO	CTION 4. First aid measures					
4.1.	Description of first aid measures					
	General notes:	-				
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. If breathing becomes erratic or it stops, immediately apply artificial respiration (other than mouth-to-mouth) and contact a physician.				
	Following skin contact:	Remove contaminated clothing. Immediately wash with plenty of water and soap. Seek medical assistance if the symptoms of irritation remain.				
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open using clean fingers. If the symptoms remain, immediately call a physician.				
	Following ingestion:	Do not induce vomiting. Make the afflicted person drink a glass of water. If spontaneous vomiting occurs, wash the mouth with water, then make the person drink 100-200 ml of water and seek medical attention.				
	Self-protection of the first aid	ler: Treat symptomatically.				
4.2.	Most important symptoms ar	nd effects, both acute and delayed				
	Following inhalation:	No information available				
	Following skin contact:	No information available				
	Following eye contact:	No information available				



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Trading name:	HCL REAGENT, LEUKOGNOST PERLS				
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2	

	Following ingestion: No information available
4.3.	Indication of any immediate medical attention and special treatment needed
	-

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

SECTIO	SECTION 6. Accidental release measures						
6.1.	Personal precautions, protective equipment and emergency procedures						
6.1.1.	For non-emergency personne	el					
	Protective equipment:	Use personal protective equipment (see Section 8).					
	Accident prevention methods	Evacuate members of all non-essential personnel and those members without protective equipment. Remove all sources of sparks and ignition. Do not smoke.					
	Emergency procedures:	Mark the area using proper signs.					
6.1.2.	For emergency responders:						
	Wear protective equipment (see Section 8).						
6.2.	Environmental precautions:						
Do not dispose of in sewage, drainage system and waterways. In case of large spillage cont Protection and Rescue Directorate (NPRD) on 112.							
6.3.	Methods and material for containment and cleaning up						
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.					



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Trading name:	HCL REAGENT, LEUKOGNOST PERLS					
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2		

6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using inflammable material (sand, diatomaceous earth, vermiculite). Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and and involved materials with water.		
6.3.3.	Other information:	-		
6.4.	Reference to other sections			
	See Section 7 for information about secure handling.			
	See Section 8 for information about personal protective equipment.			
	See Section 13 for inform	nation about containment.		

SECTIO	SECTION 7. Handling and storage								
7.1.	Precautions for safe handling								
7.1.1.	1. Protection measures								
	Measures to prevent fire:		Keep away from sources of heat and ignition. Do not smoke.						
	Measures to prevent aerosol and dust generation	on:	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:	venti	in tightly closed and upright set containers in a well lated storage rooms, and away from sources of heat, ght, and other incompatible substances.						
	Packaging materials:	Manı	ufacturer's original packaging.						
	Requirements for storage rooms and vessels:		Keep away from food and drink. Keep the containers tightly closed.						
	Advices for storage equipment:	be re	torage must be made of hard material; floors must sistant to chemicals. There must be no drain that tly leads into sewage system. Secure proper lation.						
	Further information on storage conditions:	and c	ot place the unused material in the storage room do not use empty containers for storing other iicals. Do not store with incompatible materials (see on 9).						
7.3.	Specific end use(s)								



Freshwater sediments

Microorganisms in sewage treatment

Marine water

Food chain

Marine sediments

Soil (agricultural)

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

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Trading name:			НС	L RE	AGENT, L	.EUKOGNOS	Γ PERLS	_
Product code: HCLL-OT-X** Date of c			of cor	npilation:	14 Novem	ber 2022	Version: 2	
Recommendations: -								
Industrial	sector spe	cific solutio	ns:		-			
	_			•				
SECTION 8. Expose		ols/persona	al protect	ion				
8.1. Control pa	irameters		I	0			T T	
Substance		CAS I	No			exposure limit term values	Rio	logical limit values
Substance		C/13 1			opm	mg/m³	, Dio	logical illine values
Hydrogen chloride		7647-0	)1-0		5/10	8/15	No inforr	mation available
, ,		<u> </u>	L		I		<u> </u>	
Substance _								
name:		CAC NI						
EC No: -		CAS No:	-					
DNEL								
		<u> </u>			lustrial	CI		<u> </u>
Route of exposure:		Acute effect local		Acute effect systemic		Chronic effect local		Chronic effect systemic
Oral	-	et local	-	ct sys	Ciriic	-	)cui	-
Inhalation	_		_			_		-
Dermal	_		_			-		-
Critical physical par	ameters: s	solubility, fla	ımmability	, cor	rosivity:	-		
1 7 12		<b>,</b> , ,	<u>`</u>		nsumer			
D (	Į ,	Acute		Acute		Chron	ic	Chronic
Route of exposure:	effe	ect local	effe	ct sys	temic	effect lo	ocal	effect systemic
Oral -			-			-		-
Inhalation	-		-			-		-
Dermal	-		-			-		-
PNEC								
Environmental prot	ection tar	get			PNEC			
Froch water					No information available			

No information available No information available

No information available No information available

No information available

No information available



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Trading name:		HCL REAGENT, LE		
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2

Air			No information available				
2.2							
8.2.	Exposure controls						
8.2.1.	Appropriate engineering controls						
	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 pre 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 prevent exposure:		Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.				
8.2.2.	Personal protection equip	ment					
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (preventing splashing) (EN 166 visor.					
8.2.2.2.	Skin protection						
			ective gloves must be according to the EU Directive 2016/425/EEC and lard EN 374.				
	Hand protection:		Glove material: nitrile rubber				
			Glove thickness: ≥0.50 mm				
			Break through time: >480 min				
	Other skin protection:	Wear antistatic clothing made of natural fibers (such as cotton) with sleeves (EN 13034), and shoes that cover the entire foot (EN 10335)					
8.2.2.3.	Respiratory protection:	filter fo	ctive full face mask (EN 136) or half mask (EN 140) equipped with a for organic vapors, type "A" (boiling point >65°C) acording to EN 7) used when concentration levels exceed GVI.				
8.2.2.4.	Thermal hazards:	No inf	formation available				
8.2.3.	Environmental exposure of	controls	;				
	Substance/mixture related measures to prevent exposure:		See Section 6				
	Structural measures to pre exposure:	event	Use modern equipment.				
	Organisational measures prevent exposure:	to	Adapt the work process to the required working conditions of the workplace.				
	Technical measures to pre exposure:	event	See Section 6				

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



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Trading name:	HCL REAGENT, LEUKOGNOST PERLS					
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2		

	Value	Method
Physical state:	liquid	No information available
Color:	colourless	No information available
Odour/odour threshold:	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

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.				

SECTIO	ON 11. Toxicological information
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008



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Trading name:	HCL REAGENT, LEUKOGNOST PERLS							
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2				

Acute toxic	city:					
Route of exposure:	Method	Species	Effective Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>mixture</sub>	Exposur	e time	Results
Oral exposure:	No information available	-	LD <sub>50</sub>	-		-
Dermal exposure:	No information available	-	LD <sub>50</sub>	-		-
Inhalation exposure:	No information available	-	LC <sub>50</sub>	-		-
Specific tar	get organ toxicity – si	ingle exposure (	STOT SE):			
	Specif	ic effects	Target	organ		Note
Oral exposure:	No information	available	No information	on available	-	
Dermal exposure:	No information	available	No information	on available	-	
		· · · · · · · · · · · · · · · · · · ·	No information available -			
Inhalation exposure	: No information	available	No information	on available	-	
Inhalation exposure	: No information	available	No information	on available	-	
Inhalation exposure  Aspiration	; 		No information	on available	-	
·	; 			on available	-	
Aspiration	; 			on available	-	
Aspiration	hazard:			on available  Method	-	Note
Aspiration	hazard: nd corrosion:	No info	rmation available		-	Note
Aspiration Irritation as	hazard: nd corrosion: Exposure time	No info	rmation available  Evaluation			Note
Aspiration  Irritation as  Skin irritation:	hazard:  nd corrosion:  Exposure time	No info	rmation available  Evaluation  -	Method -	-	Note
Aspiration  Irritation as  Skin irritation:	hazard: nd corrosion: Exposure time	No info	rmation available  Evaluation  -	Method -	-	Note
Aspiration  Irritation and Skin irritation: Eye irritation:  Sensitization	hazard: nd corrosion: Exposure time	Species -	rmation available  Evaluation  -	Method -	-	Note
Aspiration  Irritation and Skin irritation: Eye irritation:  Sensitization	hazard:  nd corrosion:  Exposure time	Species	rmation available  Evaluation  -	Method -	-	Note
Aspiration  Irritation and Skin irritation: Eye irritation:  Sensitization  Dermal exposure: Inhalation exposure:	hazard:  nd corrosion:  Exposure time  -  -  No information avail	Species lable	Evaluation -	Method - -	-	Note
Aspiration  Irritation and Skin irritation:  Eye irritation:  Sensitization  Dermal exposure: Inhalation exposure:  Symptoms	hazard:  nd corrosion:  Exposure time  No information avail  No information avail	Species lable lable	Evaluation -	Method - -	-	Note
Aspiration  Irritation and Skin irritation:  Eye irritation:  Sensitization  Dermal exposure:  Inhalation exposure:  Symptoms  Oral exposure:	hazard:  nd corrosion:  Exposure time   No information avail  No information avail  related to the physical	Species lable lable al, chemical and	Evaluation -	Method - -	-	Note
Aspiration  Irritation and Skin irritation: Eye irritation:  Sensitization Dermal exposure: Inhalation exposure: Symptoms	hazard:  nd corrosion:  Exposure time  No information avail  No information avail  related to the physica  No information avail  No information avail	Species lable lable al, chemical and vailable vailable	Evaluation -	Method - -	-	Note



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Trading name:	HCL REAGENT, LEUKOGNOST PERLS								
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2					

	Dose	Exposure time	Species	Method	Evaluation	Note
Subacute oral	No information available	No information available	No information available	No information available	No information available	-
Subacute dermal	No information available	No information available	No information available	No information available	No information available	-
Subacute inhalation	No information available	No information available	No information available	No information available	No information available	
Subchronic oral	No information available	No information available	No information available	No information available	No information available	
Subchronic dermal	No information available	No information available	No information available	No information available	No information available	
Subchronic inhalation	No information available	No information available	No information available	No information available	No information available	<b>-</b>
Chronic oral	No information available	No information available	No information available	No information available	No information available	
Chronic dermal	No information available	No information available	No information available	No information available	No information available	
Chronic inhalation	No information available	No information available	No information available	No information available	No information available	

Specific target organ toxicity – repeated exposure (STOT RE):						
Note						
-						
-						
-						
_						
_						
_						
_						
_						



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Trading name:	HCL REAGENT, LEUKOGNOST PERLS							
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2				

Chronic	inhalation	No informat	ion available	No information available	-				
	CMR effects (	carcinogenicity;	mutagenicity; repr	oductive toxicity)					
	Carcinogenici	ity:	Based on availa	ble data, the classification criteria a	re not met.				
	Mutagenicity	in-vitro:	Based on availa	ble data, the classification criteria a	re not met.				
	Genotoxicity:		Based on availa	able data, the classification criteria a	re not met.				
	Mutagenicity	in-vivo:	Based on availa	ble data, the classification criteria a	re not met.				
	Germ cell mu	tagenicity:	Based on availa	ased on available data, the classification criteria are not met.					
	Reproductive	toxicity:	Based on availa	able data, the classification criteria a	re not met.				
	Summary of e	evaluation of th	e CMR properties:	-					
11.2.	Information o	on other hazard	5:						
11.2.1.	Endocrine disrupting properties:								
	No known endocrine disrupting properties that affect human health.								
11.2.2.	Other informa	Other informations:							
	_								

#### **SECTION 12. Ecological information**

12 1	Toxicity	

12.1. TOXICITY						
Acute toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC <sub>50</sub>	96 hours	No information available	No information available	-	-
Crustacea:	EC <sub>50</sub>	48 hours	No information available	No information available	-	-
Algae/aquatic plants	IC <sub>50</sub>	8 days	No information available	No information available	-	-
Microorganisms	LC <sub>50</sub>	72 hours	-	_	-	-
Chronic (long-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC <sub>50</sub>	96 hours	No information available	No information available	No information available	-
Crustacea:	EC <sub>50</sub>	48 hours	No information available	No information available	No information available	-



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Trading nam	ne:			F	ICL REAGENT, L	EUK	OGNOST P	ERLS			
Product cod	e:	HCLL-OT-X**		Date	Date of compilation:		available				2
Algae/aquatic pla		IC <sub>50</sub>	72 hou	rc							
Other organis	sms	-	-		-	-		-		-	
12.2. Persi	stonso	and daggedal	~:l:+								
		and degradal adation	Jility								
7,1010		gradation ha	f-lives		Method		Εν	aluation	1	# 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Note
Marine water		oformation av		No	information availa	able	No informa	tion avai	lable	-	
Fresh water	No in	formation av	ailable	No	information availa	able	No informa	tion avai	lable	-	
Air	No in	ıformation av	ailable	No	information availa	able	No informa	tion avai	lable	_	
Soil	No in	formation av	ailable	No	information availa	able	No informa	tion avai	lable	-	
	egradat										
% Degradation		Time (day		Method  No information  N			Evaluation			Note	
No information available		o infori ailable							lo inforr vailable	nation	
		ative potentia									
		er partition o								N	
Value		entration	рН	°C Method			Evaluation			Note	
-	No i availab	nformation le	-	-	No information	on	No informa available	lion	_		
							•				
	oncentr	ation factor (									
Value Species		Method			Evaluation		Note				
No information No informati available available		formation	n No information available			No information available		No information available		า	



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Trading name:	HCL REAGENT, LEUKOGNOST PERLS							
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2				

Produc	ct code:	HCL	L-O1-X**	Date of co	mpilati	on: 14 No	ovember	2022	Version	: 2
	Value		Dose	Exposure time	Speci	es Me	thod	Evaluati	ion	Note
Chronic	c toxicity o	n fish	LC <sub>50</sub>	information	No informa availabl	1	1	No informatio available	on -	
	toxicity o ea ( <i>Daphn</i>		EC <sub>50</sub>	information	No informa availabl	1	1	No informatio available	on -	
12.4.	Mobility	in soil								
	Known c	r predic	ted distributi	on in environme	ntal cor	npartments:				
	No infor	mation a	available							
	Surface t	ension:		:	ı			1		
	Value		°C	Concentrati	on	Metho	bd		Note	
	No informat available	ion ir	lo nformation vailable	No information		lo informatio vailable	n	-		
	Adsorpti		sorption							
Transpo	ort	Henry's	constant	log Kow	Evap	oration rate	Me	ethod	N	ote
Soil-wa	iter No ava	ilable	information	No information available	n No ir avail	nformation able	No info	rmation le	-	
Water-a	air No ava	ilable	information	No information available	n No ir avail	nformation able	No info	rmation le	-	
Soil-air	No ava	ilable	information	No information available	n No ir avail	nformation able	No info	rmation le	-	
12.5.			nd vPvB asses	ssment						
	No infor	mation a	available							
12.6.	Endocrin	e disrup	oting properti	es						
		•		ng properties tha	at affect	the environr	ment.			
12.7.	Other ac	dverse e	ffects							



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Trading name:	HCL REAGENT, LEUKOGNOST PERLS					
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2		

CECTION	112 Disposel sonsidered	
	N 13. Disposal considerat	
13.1.	Waste treatment method	ds ————————————————————————————————————
13.1.1.	Product/Packaging dispo	osal:
	Submit for disposal to the Protection.	ne legal person authorized by the Ministry of Environmental and Nature
13.1.2.	Waste codes/waste desi	gnations according to Law:
	No information available	
13.1.3.	Waste treatment – relev	ant information:
13.1.3.	No information available	
	140 IIIIOIIIIatioii availabie	•
13.1.4.	Sewage disposal – releva	ant information:
	Waste must not be dispo	osed of into the sewage system.
13.1.5.	Other disposal recomme	endations:
	authorized by the minist	roduct's remains into the sewage system. Submit the remains to the collectors ry in charge. Do not dispose of the packaging into the sewage system. Submit lectors authorized by the ministry in charge. Do not dispose of in places where
13.1.6.	Relevant Community pro	ovisions:
	-	
SECTION	N 14. Transport informati	on
	Transporting/shipment by	road (ADR)
UN num		Not subject to transport regulations.
	er shipping name:	_
Transport hazard class(es):		-
Packing		-
	nentally hazardous:	-
Special p	precautions for user:	-
Transporting/shipment by r		rail (RID)  Not subject to transport regulations.
UN number:		



Trading name:

#### SAFETY DATA SHEET

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

**HCL REAGENT, LEUKOGNOST PERLS** 

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Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2
Transport hazard	class(es):	-		
Packing group:		-		
Environmentally hazardous:		-		
Special precaution	ns for user:	-		
Inland wa	aterway transport (AD	ON)		
UN number:		Not subject to transport	regulations.	
UN proper shippiı	ng name:	-		
Transport hazard	class(es):	-		
Packing group:		-		
Environmentally h	nazardous:	-		
Special precaution	ns for user:	-		
Transpor	rting/shipment by sea	(IMDG)		
UN number:		Not subject to transport	regulations.	
UN proper shippi	ng name:	-		
Transport hazard	class(es):	-		
Packing group:		-		
Environmentally h	nazardous:	-		
Special precaution	ns for user:	-		
Transpor	rting/shipment by air	(ICAO-TI/IATA-DGR)		
UN number:		Not subject to transport	regulations.	
UN proper shippi	ng name:	-		
Transport hazard	class(es):	-		
Packing group:		-		
Environmentally h	nazardous:	-		
Special precaution	ns for user:	-		
Further information	on: The produc	t is not subject to classification	on.	

SECTIO	N 15. Regulatory information				
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture				
	EU regulations				
	Authorization and/or restrictions of use				
	Authorizations:	-			
	Restrictions:	-			

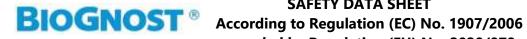


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Trading name:	HCL REAGENT, LEUKOGNOST PERLS				
Product code:	HCLL-OT-X**	Date of compilation:	14 November 2022	Version: 2	

	*	
	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, guideline)	/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 assessment	
	None	

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



### **SAFETY DATA SHEET**

amended by Regulation (EU) No. 2020/878

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Trading name:	HCL REAGENT, LEUKOGNOST PERLS				
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16.5.	Relevant H statements (number and full text)		
	H: 314 335	Causes severe skin burns and eye damage.  May cause respiratory irritation.	
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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Trade name:		NUCLEAR FAST RED (KERNECHTROT) REAGENT				
Product code:	KR-OT-X**	Date of compilation:	14 November 2022	Version: 4		

1.1.	Product identifier				
	Trade name: NUCLEAR FAST		ST RED (K	(ERNECHTROT) REAGENT	
	Chemical name:	_			
	Catalogue number:	KR-OT-X**			
1.2.	Relevant identified uses	of the substa	nce or mi	xture and uses advised against	
	Uses:		Counte	erstain in many special staining kits.	
	Uses advised against:			he identified uses are advised.	
	Reason why uses advised against:			oduct is intended for use only as an <i>in vitro</i> diagnostic al device and there is no reason to use it for other ses.	
1.3.	Details of the supplier of the safety data sheet				
	Supplier: BioG		Gnost Ltd	nost Ltd.	
	Address: Med		djugorska 59, Zagreb		
	Telephone number: +38		5 1 2409997		
	Telefax: +385		5 1 2404039		
	e-mail of competent person: msds		s@biognost.hr		
	National contact: -				
1.4.	Emergency telephone number				
	National Protection and Rescue Director		torate:	112	
		Medical information:			
	Medical information:			+385 1 2348 342	

SECTIO	SECTION 2. Hazards identification					
2.1.	Classification of the substance or mixture					
2.1.1.	Classification according to Regula	tion (EC) No 127	2/2008 (CLP)			
	Hazard class and category	y code:	Hazard statement*:			
	Not identified as hazardous subst	ance.	-			
2.1.2.	Additional information					
	-					
* For fu	ll text of Hazard- and EU Hazard-sta	atements: see SE	CTION 16			
2.2.	Label elements					
	Product identification:	NUCLEAR FAST	RED (KERNECHTROT) REAGENT			
	Identification number:	-				
	Authorisation number:	-				
	Hazard pictograms:	-				



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Trade name:	NUCLEAR FAST RED (KERNECHTROT) REAGENT			<u></u> г
Product code:	KR-OT-X**	Date of compilation:	14 November 2022	Version: 4

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

SECTION 3. Com	SECTION 3. Composition/information on ingredients							
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)				
6409-77-4/ 229-088-0/ - \leq 1%		≤ 1%	Disodium 1-amino-2,4-dihydroxy-9,10-dihydro-9,10-dioxoanthracene-3-sulphonate	Skin Irr. 2; H315 Eye Irr. 2; H319 STOT SE; H335				

SECTI	CTION 4. First aid measures				
4.1.	Description of first aid measures				
	General notes:	-			
	Following inhalation:	Remove person to fresh air. If breathing stops, immediately apply artificial respiration. If breathing difficulties occur, use emergency breathing apparatus. If the symptoms persist, immediately consult a physician.			
	Following skin contact:	Remove all contaminated clothes using sterile gauze. Immediately wash with plenty of water for at least 20 minutes. Seek medical assistance if the symptoms of irritation remain.			
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open for at least 20 minutes. If the symptoms remain, immediately call in ophthalmologist.			
	Following ingestion:	Rinse the oral cavity, drink 1-2 glasses of water. Do not induce vomiting. Immediately consult a physician and show the container or label. In case of swallowing large quantities, transport the afflicted person to the hospital.			
	Self-protection of the first aider:	-			
4.2.	1.2. Most important symptoms and effects, both acute and delayed				
	Following inhalation:	No information available			
	Following skin contact:	No information available			
	Following eye contact:	No information available			
	Following ingestion:	No information available			



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Trade name:	NUCLEAR FAST RED (KERNECHTROT) REAGENT			7
Product code: KR-OT-X** D		Date of compilation:	14 November 2022	Version: 4

4.3.	Indication of any immediate medical attention and special treatment needed	
	No information available	

SECTIO	SECTION 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:		Water, CO <sub>2</sub> , foam, dry powder		
	Unsuitable extinguishing medi	a:	No information available		
5.2.	Special hazards arising from th	ie substa	ance or mixture		
	Hazardous combustion products:	No information available.			
5.3.	Advice for firefighters				
	Firefighters must always use fireproof suit and self-sustaining breathing apparatus with open circle that contains pressurized air in case of fire in closed space.				
5.4.	Additional information				
	Prevent spills and water used for putting out fire from contaminating waterways by enclosing and covering drains.				

SECTIO	ON 6. Accidental release measures		
6.1.	Personal precautions, protective equipment and emergency procedures		
6.1.1.	6.1.1. For non-emergency personnel		
	Protective equipment:	Use protective equipment in accordance with Section 8. Do not get in eyes or on skin. Do not inhale vapor/aerosols. Remove the persons not directly involved in rescuing procedure from the scene of event.	
	Accident prevention methods:	Keep away from heat, flames and sparks.  Secure proper ventilation.  Prevent electrostatic charge buildup.  Use only grounded devices and equipment.  Do not release in drains - explosion hazard.	
	Emergency procedures:	In case of accident secure the location and evacuate the personnel not involved in recovery.	
6.1.2.	For emergency responders:		
	Use protective equipment; in case of inadequate ventilation use adequate airways protective equipment (see Section 8).		
6.2.	Environmental precautions:		
Do not dispose of in sewage, drainage system and waterways. In case of large Protection and Rescue Directorate (NPRD) on 112.			
6.3.	Methods and material for containment and cleaning up		



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Trade name:				
Product code:	KR-OT-X**	Date of compilation:	14 November 2022	Version: 4

6.3.1.	Bunding, covering of drains; capping procedures:	Sand bags.		
6.3.2.	Cleaning up:	Where possible, soak up the product using inert matter, such as sand, silica gel, saw dust). Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and and involved materials with water.		
6.3.3.	Other information:	Recovery of contaminated area should only be conducted by qualified person that uses stipulated protective equipment. Prevent the waste water from entering waterways.		
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 info	See Section 13 for information about containment.		

SECTIO	SECTION 7. Handling and storage						
7.1.	Precautions for safe handling						
7.1.1.	Protective measures						
	Measures to prevent fire:	Keep away from heat, flames and sparks. Secure proper ventilation.					
	Measures to prevent aerosol and dust generation	Adequate ventilation of the rooms where the product is kept and handled. Containers must be firmly closed.					
	Measures to protect the environment:	Keep the containers firmly closed in vertical position when the product is not used. Prevent the product from entering waterways, sewerage and drainage systems by using barrage and semi-barrage made of sand, as well as covering the drainage by using plastic foil.					
	Other measures:	-					
7.1.2.	Advice on general occupational hygiene:						
	Do not eat, drink or smoke in the workspace. The	oroughly wash hands after work and before eating.					
7.2.	Conditions for safe storage, including any incor	patibilities					
	Technical measures and storage conditions:	In dry, cold and well-ventilated space. Containers must be firmly closed. Maintain adequate ventilation of the rooms where the product is kept and handled.					
	Packaging materials:	Manufacturer's original packaging.					



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Trade name:		-			
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	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.
	Advices for storage equipment:	Keep away from heat, flames, sparks and sunlight.
	Further information on storage conditions:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 9).
7.3.	Specific end use(s)	
	Recommendations:	Secure stations for rinsing eyes and showering in the vicinity of work area.
	Industrial sector specific solutions:	-

, K	Recommendations.				vicinity of work area.		
In	dustrial sec	ctor specific solutio	ons:	-			
SECTION 8	3. Exposure	e controls/person	al protec	tion			
8.1. Co	ontrol para	meters					
Sı	ıbstance	CAS	No		exposure limit t term values	Biological limit values	
				ppm	mg/m³		
-		-		-	-	-	
Substance name:	_				_		
EC No:	-	CAS No:	-				
DNEL							
				Industrial			
Route of e	xposure:	Acute effect local		cute effect systemic	Chronic e local		
Oral		- IOCai	-	systemic .	- IOCal	- systemic	
Inhalation		_	-		-  -	-   -   -   -   -   -     -     -     -       -	
Dermal		-	-		-	-	
	rsical paran	ı neters: solubility, fla	<u> </u>	v, corrosivity:			
				Consumer			
Route of e	xposure:	Acute effect local		cute effect systemic	Chronic e		
Oral		-	-		-	-	
Inhalation		-	-		-	-	
Dermal		-	-		-	-	
PNEC							



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Trade name:		NUCLEAR FAST RED (KERNECHTROT) REAGENT					
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Environm	ental protection target		PNEC	
Fresh wat	er		No information available	
Freshwater sediments			No information available	
Marine water			No information available	
Marine se	ediments		No information available	
Food chai	in		No information available	
Microorga	anisms in sewage treatment		No information available	
Soil (agric	cultural)		No information available	
Air			No information available	
8.2.	Exposure controls			
8.2.1.	Appropriate engineering control	S		
	magelinae to brovant avboelina		product in well ventilated rooms. Use personal protective ent. Do not eat, drink or smoke in the workspace.	
	Structural measures to prevent exposure:	In accor	cordance with Section 7.	
	Organisational measures to prevent exposure:	Organization of work in order to reduce other worker's influend during work process.		
	Technical measures to prevent exposure:		proper workspace ventilation in order to keep tration levels in air below permitted levels.	
8.2.2.	Personal protection equipment			
8.2.2.1.	Eye and face protection:	levels o	plasses that stick to face (EN 166) or visor in case of lower f concentration in air; protective gas mask that covers the ace in case of higher levels of concentration in air.	
8.2.2.2.	Skin protection			
			ive gloves must be according to the EU Directive 25/EEC and standard EN 374.	
	Hand protection:		Glove material: nitrile rubber	
			Glove thickness: ≥0.50 mm	
			Break through time: >480 min	
	Other skin protection:		ntistatic clothing made of natural fibers (such as cotton) ng sleeves (EN 13034), and shoes that cover the entire foot (35).	
8.2.2.3.	Respiratory protection:	Suitable mask or half mask equipped with a combined "A-P" filter and used when concentration levels exceed GVI.		
8.2.2.4.	Thermal hazards:	No info	rmation available	
8.2.3.	Environmental exposure controls			



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Substance/mixture related measures to prevent exposure:	See Section 6
Structural measures to prevent exposure:	Use modern equipment.
Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of the workplace.
Technical measures to prevent exposure:	See Section 6

	Information on basic physical ar	d chemical properties	
		Value	Method
	Physical state:	liquid	No information available
	Colour:	red	No information available
	Odour/odour threshold:	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 noctanol/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		

#### **SECTION 10.: Stability and reactivity**



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Trade name:		г		
Product code:	KR-OT-X**	Date of compilation:	14 November 2022	Version: 4

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 Toxico	ological information						
	n on toxicological effe	cts					
Acute toxic	ity:						
Route of exposure:	Method	Species	LD <sub>50</sub> ,	ive dose /LC <sub>50</sub> or E <sub>mixture</sub>	Exposur	e time	Results
Oral:	No information available	_	No info availabl		No information available		_
Dermal:	No information available	-	No info availabl		No infor		-
Inhalation:	No information available	-	No info availabl		No infor		-
Specific tar	get organ toxicity – si Specific		(STOT SE):	Target orga	ın		Note
	•						Note
Oral:	No information avail			No information available -			
Dermal:	No information avail		No information available -				
Inhalation:	No information avail	able	No information available -				
Aspiration	hazard:	-					
Irritation ar	nd corrosion						
	Exposure tin	ne Sp	ecies	Evaluation	Me	ethod	Note
Skin corrosion/irritation:	-	-	-	-	-		No information available
Serious eye damage/irritation	-	-	-	-	-		No information available



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Product code:	KR-OT-X**	Date of compilation:	14 November 2022	Version: 4				

<u> </u>								
Sensitiza								
Dermal exposure	: No informatio	n available						
Inhalation exposure:	No informatio	n available						
Sympto	ms related to the p	hysical, chemic	al and toxicolog	ical characteristi	CS			
Oral exposure: No information available								
Dermal exposure	: No informatio	n available						
Inhalation exposure:	No informatio	n available						
Eye exposure:	No informatio	n available						
Repeate	ed dose toxicity (su		onic, chronic)					
	Dose	Exposure time	Species	Method	Evaluation	Note		
Subacute oral	No information available	No information available	No information available	No information available	No information available	-		
Subacute dermal	No information available	No information available	No information available	No information available	No information available	-		
Subacute inhalation	No information available	No information available	No information available	No information available	No information available	-		
Subchronic oral	No information available	No information available	No information available	No information available	No information available	-		
Subchronic dermal	No information available	No information available	No information available	No information available	No information available	-		
Subchronic inhalation	No information available	No information available	No information available	No information available	No information available	-		
Chronic oral	No information available	No information available	No information available	No information available	No information available	_		
Chronic dermal	No information available	No information available	No information available	No information available	No information available	-		



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Trade name:		NUCLEAR	R FAST RED (	KERNECHTROT	) REAGENT	_		
Product code:	duct code: KR-OT-X** Date of com		pilation: 14 November 2022		2022	Version: 4		
Chronic inhalation	No information available	No No information available available		No No information information available available		on -		
Specific	target organ toxic	city – repeated e	exposure (STOT	RE):				
		Specific effects		Target orga	n	Note		
Subacute oral	No info	rmation availabl	e No i	nformation availa	ble	-		
Subacute derma	l No info	rmation availabl	e No i	nformation availa	ble	-		
Subacute inhalat	ion No info	rmation availabl	e No i	nformation availa	ble	-		
Subchronic oral	No info	rmation availabl	e No i	nformation availa	ble	-		
Subchronic derm	nal No info	rmation availabl	e No i	nformation availa	ble	-		
Subchronic inhal	ation No info	rmation availabl	e No i	o information available		-		
Chronic oral	No info	rmation available No ir		information available		-		
Chronic dermal	No info	rmation availabl	e No i	nformation availa	ble	-		
Chronic inhalation	on No info	rmation availabl	e No i	nformation availa	ble	-		
:								
CMR ef	fects (carcinogenio	ity; mutagenicit	y; reproductive	toxicity)				
Carcino	genicity:		No information available					
Mutage	enicity <i>in-vitro</i> :		No information available					
Genoto	xicity:		No information available					
Mutage	enicity <i>in-vivo</i> :		No information available					
Germ c	ell mutagenicity:		No information available					
Reprod	uctive toxicity:		No information available					
Summa propert	ry of evaluation ies:	of the CMR	No informati	on available				
11.2. Informa	ation on other haza	ards:						
11.2.1. Endocri	ne disrupting prop	perties:						
	No known endocrine disrupting properties that affect human health.							
11.2.2. Other is	nformations:		•					
-								

SECTION 12. General notes	SE	CTIO	N 12.	General	notes
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12.1. Toxicity



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Trade name:		NUCLEAR FAST RED (KERNECHTROT) REAGENT						
Product code:	KR-OT-X**	Date of compilation:	14 November 2022	Version: 4				

Acute (short-teritoxicity	m)	Dose	Exposure time	Species	Method	Eval	uation	N	ote
Fish		LC <sub>50</sub>	96 hours	No information available	-	No inforr available	mation	-	
Crustacea:		EC <sub>50</sub>	48 hours	No information available	-	No inforr available	nation	-	
Algae/aquatic pl	ants	IC <sub>50</sub>	72 hours	No information available	-	No inforr available	nation	_	
Other organisms	5	-	_	-	-	-		-	
Chronic (long-te toxicity	rm)	Dose	Exposure time	Species	Method	Eval	uation	N	ote
Fish		LC <sub>50</sub>	96 hours	No information available	-	No inforr available	nation	-	
Crustacea:		EC <sub>50</sub>	48 hours	No information available	-	No inforr available	mation	-	
Algae/aquatic plants IC		IC <sub>50</sub>	72 hours	No information available	-	No inforr available			
Other organisms -			-	-	-	-		-	
12.2. Persiste Abiotic	degra								
	De	egradation h	alf-lives	Method		E۱	<i>r</i> aluation		Note
Marine water	No ir	nformation a	vailable	No information av	No information available		No information available		-
Fresh water	No ir	nformation a	vailable	No information av	ailable	No information available		e	-
Air	No ir	nformation a	vailable	No information av	No information available No in		lo information available		-
Soil	No ir	nformation a	vailable	No information av	railable	No informa	ation availabl	e	-
Biodegi	radatio	on							
% Degradation		Time (days	<b>(</b> )	Method	Eva	luation	N	ote	
No information No			nation	information availab	le No ii	nformation le	No informavailable		mation
12.3. Bioaccu	ımulat	ive potential							
Octano	l-wate	er partition co	pefficient (lo	g Kow)					
Value	Conce	entration	рН	°C Method	E	valuation	1	Note	



Trade name:

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Product code: KR-OT-X**		-X** [	Date of compilation:			14	14 November 2022		Version: 4				
No informa available		No availa	inform able	ation <sub>-</sub>		- N	o in vailab	formation le	No availa	informa ble	ation	No ii available	nformation
		ncentr	ration f	actor (BCF	)								
	Value Species No information available available		ormation		M No infor available		on N				No No informat available		
	Chron	ic eco	otoxicity	<i></i>									
	Valu			Dose		posure time	3	Species	Me	ethod	E	valuation	Note
Chronic toxicity on fish LC		LC <sub>50</sub>	No information available			rmation ilable			No information available		-		
	Chronic toxicity on crustacea (Daphnia)		EC <sub>50</sub>	No infor availa	rmation information available			No inforn availa	nation ble	No information - available			
12.4.	Mobil	ity in s	soil										
		······································			ion in e	environme	ntal c	compartme	ents:				
			tion av	ailable									
	Surfac		sion:	0.0					ا داعم ۸			ъ.,	
	No Va	lue	No	°C		oncentrati			Method			Note	
	information inf		info	ormation iilable		informati ailable	on	No inforr available	nation		-		
	<u> </u>										<u> </u>		
	Adsor	ption	/ deso	rption									
Transpo		Α/	'D coef	•	lo	og Kow	Εν	/aporation	rate	Meth	nod	ſ	Note



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					ı						
Soil-wat	t∆r :	No Ivailable	information	No information available	No information available	No information available	-				
Water-a	air No information No information No information available available available		No information available	-							
Soil-air	ir No information available			No information available	No information available	No information available	-				
12.5.	Results	s of PBT a	and vPvB asses	sment							
	No info	ormation	available								
12.6.	Endocı	rine disru	pting properti	es							
	No kno	own endo	ocrine disrupti	ng properties that	affect the environm	nent.					
	:										
12.7.	Other	Other adverse effects									
	No info	ormation	available								
SECTIO	N 13. D	Disposal c	onsideration	5							
13.1.	Wast	te treatm	ent methods								
13.1.1.			aging disposal								
		mit for dis ection.	sposal to the le	egal person autho	rized by the Ministry	y of Environmental a	and Nature				
	FIOR	ection.									
13.1.2.	Wast	te codes/	waste designa	tions according to	Low:						
		11 10*: pac stances	ckaging that co	ontains residual h	azardous substances	s or is contaminated	l with hazardous				
13.1.3.	Wast	te treatm	ent – relevant	information:							
	No ii	nformatio	on available								
13.1.4.	Sewa	age dispo	sal – relevant	information:							
	Wast	te must n	ot be dispose	d of into the sewa	ge system.						
13.1.5.	Othe	er disposa	l recommenda	ations:							



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	Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge. Do not dispose of in places where ignition may occur.			
13.1.6.	Relevant Community prov	visions:		
		gement Act, Ordinance on Waste Management, Regulation on categories, f waste with waste catalog and list of hazardous waste		
SECTION	N 14. Transport informatio	on		
	Transporting/shipment by r			
UN num		Not subject to transport regulations		
UN prop	er shipping name:	-		
	rt hazard class(es):	-		
Packing		-		
<del>-</del>	nental hazards:	-		
Special precautions for user:		-		
	Transporting/shipment by r	rail (RID)		
UN number:		Not subject to transport regulations		
UN prop	er shipping name:	-		
	rt hazard class(es):	-		
Packing	group:	-		
Environn	nental hazards:	-		
Special p	precautions for user:	-		
	Transporting/shipment by i	nland waterways (ADN)		
UN num	ber:	Not subject to transport regulations		
UN proper shipping name:		-		
Transpor	t hazard class(es):	-		
Packing	group:	-		
Environn	nental hazards:	-		
Special p	precautions for user:	-		
	Transporting/shipment by s	sea (IMDG)		
UN num	ber:	Not subject to transport regulations		
UN prop	er shipping name:	-		
Transpor	t hazard class(es):	-		
Packing	group:	-		
Environn	nental hazards:	Not subject to transport regulations		



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Special precautions for user:	-			
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	-			
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:	-			
Environmental hazards:	-			
Special precautions for user:	-			
Further information: -				

15.1.	Safety, health and enviror	nmental regulations/legislation specific for the substance or mixture
	EU regulations	
	Authorisations and/or res	trictions of use
	Authorisations:	-
	Restrictions:	-
	Other EU regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/9: and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC;  Directive 2004/42/CE of the European Parliament and of the Council of 21 April 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 10 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 XVIII);



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	National regulation:	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, Transport of Hazardous Substances Act	
15.2.	Chemical safety assessment		
	None		

SECTIO	ON 16	6. Other information			
16.1.	Indi	ication of changes:	-		
16.2.	Key literature references		ADR: Accord relatif au transport international des marchandises dangereuses route (European Agreement Concerning the International Carriage of Danger 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.		ssification and procedure 2/2008 (CLP)	used to derive the classification for mixture according to Regulation (EC)		
Classification		1	Classification procedure		
-			-		
16.5.	Rele	evant H statements (numl	per and full text)		
		H315	Causes skin irritation.		
	H:	H319	Causes serious eye irritation.		
		H335	May cause respiratory irritation.		
16.6.	Trai	ining advice:	-		
			** "X" in the product code marks different volumes (different packagings of the product)		
16.7.	16.7. Further information:		We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.		

#### ANNEX:

**EXPOSURE SCENARIO RESULTING TO CHEMICAL SAFETY ASSESSMENT** 



#### **SAFETY DATA SHEET**

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

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