

HEMOGNOST PERLS KIT

The kit contains:

HCL reagent, HemoGnost Perls
Nuclear Fast Red (Kernechtrot) reagent
Potassium hexacyanoferrate, solution



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Trading name:	HCL REAGENT, HEMOGNOST PERLS			
Product code:	HCLH-OT-X**	Date of compilation:	14 November 2022	Version: 4

SECTI	ION 1: Identification of	the substan	ce/mixture a	and of the company/undertaking
1.1.	Product identifier	Product identifier		
	Trading name:	HCL REAG	SENT, HEMOG	NOST PERLS
	Chemical name:	-		
	Catalogue number:	HCLH-OT-X**		
1.2. Relevant identified uses of the substance or mixture and uses advised against			cture and uses advised against	
	Uses:		For use wi	th special staining kits in histopathology.
	Uses advised against:		Only the id	dentified uses are advised.
	Reason why uses advi	sed against:	medical de	ict is intended for use only as an <i>in vitro</i> diagnostic evice, registered at the Agency for Medicinal Products and evices and there is no reason to use it for other purposes
1.3.	Details of the supplier	of the safet	y data sheet	
	Supplier: Bio		BioGnost Ltd.	
			biodriost Lta.	
	Address:		Medjugorska	59, Zagreb
		1		
	Address:		Medjugorska	97
	Address: Telephone number:		Medjugorska +385 1 24099	97 39
	Address: Telephone number: Fax no.:	person:	Medjugorska +385 1 24099 +385 1 24040	97 39
1.4.	Address: Telephone number: Fax no.: e-mail of competent p	Derson:	Medjugorska +385 1 24099 +385 1 24040 msds@biogno	97 39
1.4.	Address: Telephone number: Fax no.: e-mail of competent p National contact:	person:	Medjugorska +385 1 24099 +385 1 24040 msds@biogno	97 39
1.4.	Address: Telephone number: Fax no.: e-mail of competent p National contact: Emergency telephone	person:	Medjugorska +385 1 24099 +385 1 24040 msds@biogno	97 39 ost.hr

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



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

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

SECTION 5. Firefighting measures				
5.1.	Extinguishing media			
	Suitable extinguishing media: Small fire - water spray, dry powder, CO ₂ Large fire - water spray or alcohol-resistant foam			
	Unsuitable extinguishing media: water jet			
5.2.	Special hazards arising from the substance or mixture			
	Hazardous combustion products: No information available			
5.3.	Advice for firefighters			
	Use a self-contained open-circuit 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 (s	ee 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 con	tainment and cleaning up			
6.3.1.	Bunding, covering of drains; capping procedures:	Bunding, covering of drains; 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					
	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	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 generati	on: S	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 income	npatibi	lities			
	Technical measures and storage conditions:	ventil	in tightly closed and upright set containers in a well ated storage rooms, and away from sources of heat, ght, and other incompatible substances.			
	Packaging materials:	Manu	facturer's original packaging.			
	Requirements for storage rooms and vessels:		away from food and drink. Keep the containers y closed.			
	Advices for storage equipment:	The storage must be made of hard material; floors mube resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.				
	Further information on storage conditions:	and d	ot place the unused material in the storage room lo not use empty containers for storing other icals. Do not store with incompatible materials (see on 9).			
7.3.	Specific end use(s)					



Microorganisms in sewage treatment

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 REAGENT,	HEMOGNOS	T PERLS		
Product code:	HCLH-(OT-X**	Date o	of compilatio	n: 14 Novem	ber 2022	Version: 4	
Recomm	endations:			–				
Industria	l sector spe	ecific solution	ns:	-				
				3				
SECTION 8. Expo	sure contr	ols/persona	al protect	tion				
8.1. Control p	parameters	_						
Substand	e	CAS I	No		exposure limit t term values	Biolo	gical limit values	
				ppm	mg/m³			
-		-		-	-	No informa	ation available	
Substance name:								
EC No: -		CAS No:	-					
DNEL								
				Industrial				
Route of exposure	٥.	Acute ect local	effe	Acute ct systemic	Chron effect lo		Chronic effect systemic	
Oral	-		-		-	-	•	
Inhalation	-		-		-	-		
Dermal	-		-		-	-		
Critical physical p	arameters:	solubility, fla	mmabilit	y, corrosivity:	-			
				Consumer	·			
Route of exposure	٥.	Acute ect local	effe	Acute ct systemic	Chron effect lo		Chronic effect systemic	
Oral	-		-	,	-	-	•	
Inhalation	-		-		-	-		
Dermal	-		-		-	-		
PNEC					•			
Environmental pro	otection tar	get		PNEC				
Fresh water				No info	rmation availab	le		
Freshwater sedim	ents			No info	rmation availab	le		
Marine water				No info	rmation availab	le		
Marine sediments				No info	rmation availab	le		
Food chain				No info	No information available			

No information available

No information available



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Air			No information available			
8.2.	Exposure controls					
8.2.1.	Appropriate engineering	controls	5			
	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 preexposure:	revent	No information available			
	Organisational measures prevent exposure:	to	Organization of work in order to reduce other worker's influence during work process.			
	Technical measures to pr exposure:	event	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.			
8.2.2.	Personal protection equip	oment				
8.2.2.1.	Eye and face protection:		Safety glasses that stick to face (preventing splashing) (EN 166) or visor.			
8.2.2.2.	Skin protection					
	Hand protection:		ective gloves must be according to the EU Directive 2016/425/EEC and dard EN 374. Glove material: nitrile rubber Glove thickness: ≥0.50 mm Break through time: >480 min			
	Other skin protection:		antistatic clothing made of natural fibers (such as cotton) with long es (EN 13034), and shoes that cover the entire foot (EN 10335).			
8.2.2.3.	Respiratory protection:	filter f	ctive full face mask (EN 136) or half mask (EN 140) equipped with a for organic vapors, type "A" (boiling point >65°C) acording to EN ') used when concentration levels exceed GVI.			
8.2.2.4.	Thermal hazards:	No int	formation available			
8.2.3.	Environmental exposure	controls				
	Substance/mixture relate measures to prevent expe		See Section 6			
	Structural measures to prexposure:	revent	Use modern equipment.			
	Organisational measures to prevent exposure:		Adapt the work process to the required working conditions of the workplace.			
	Technical measures to pr exposure:	event	See Section 6			

SECTION 9. Physical and chemical properties



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	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, H	EMOGNOST PERLS	
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Acute toxic	city:					
Route of exposure:	Method	Species	Effective Dose LD_{50}/LC_{50} or $ATE_{mixture}$	Exposure	time	Results
Oral exposure:	No information available	-	LD ₅₀	-		-
Dermal exposure:	No information available	-	LD ₅₀	-		-
Inhalation exposure:	No information available	-	LC ₅₀	_		-
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	-	
Inhalation exposure	: No information	available	No information	on available	-	
Inhalation exposure	: No information	available	No information	on available	-	
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	Method		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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	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	
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):					
	Specific effects	Target organ	Note		
Subacute oral	No information available	No information available	-		
Subacute dermal	No information available	No information available	-		
Subacute inhalation	No information available	No information available	-		
Subchronic oral	No information available	No information available	-		
Subchronic dermal	No information available	No information available	-		
Subchronic inhalation	No information available	No information available	-		
Chronic oral	No information available	No information available	-		
Chronic dermal	No information available	No information available	-		



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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 available data, the classification criteria are not met.				
	Reproductive	toxicity:	Based on available data, the classification criteria are not met.				
	Summary of e	evaluation of th	e CMR properties:	-			
11.2.	Information o	on other hazard	5:				
11.2.1.	Endocrine dis	rupting propert	ies:				
	No known en	docrine disrupt	ing properties that	affect human health.			
11.2.2.	Other informa	ations:					
	_						

SECTION 12. Ecological information

Acute toxicity Dose Exposure time Species Method Evaluation Note No information No information

Fish	LC ₅₀	96 hours	No information available	No information available	-	_
Crustacea:	EC ₅₀	48 hours	No information available	No information available	-	-
Algae/aquatic plants	IC ₅₀	8 days	No information available	No information available	-	_
Microorganisms	LC ₅₀	72 hours	-	-	_	-
Chronic (long-term)	_	Exposure	C	Mathad	Evaluation	Note
toxicity	Dose	time	Species	Method	Evaluation	inote
toxicity	LC ₅₀	time 96 hours	No information available	No information available	No information available	-



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Trading na	ame:			Н	CL REAGENT, I	ΗEM	OGNOST PE	RLS		
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Algae/aqua	atic plants	s IC ₅₀	72 hou	rc	No information available	_	information ilable	No informat available		
Other orga	nisms	-	-	•	_	-		-	-	
		and degrada	bility							
Ak	piotic deg	radation					1			
	De	egradation ha	lf-lives		Method		Ev	aluation		Note
Marine water	No i	nformation av	ailable	Noi	nformation availa	able	No informat	tion availa	ble	-
Fresh water	r No i	nformation av	ailable	No i	nformation availa	able	No informat	tion availa	ble	-
Air	No i	nformation av	ailable	No i	nformation availa	able	No informat	tion availa	ble	-
Soil	No i	nformation av	ailable	No i	nformation availa	able	No informat	tion availa	ble	-
:										
Bio	odegrada	ition								
% Degrada	ation	Time (day	s)	Method		Evaluation		Note		
No informa				ation No information available			No information No in available availa		informa	tion
available	a	vailable				av			available	
12.3. Bio	oaccumu	lative potentia	al							
		iter partition o		t (loa k	(ow)					
Value		centration	рН	°C	Method		Evaluati	on	1	Note
-	No availal	information	-	-	No information	on	No informat	tion	<u> </u>	
	avallal	Ле			available		avaliable			
				8 8 8 8 8						
Bio	oconcent	ration factor (BCF)							
Value	e	Speci	es		Method		Evaluation		N	ote
No information No information available available		formation	n No information N			o information vailable		o informa railable	ation	
Ch	nronic eco	otoxicity								



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	Val	ue	Dose	Exposure time	Species	Met	hod	Evaluation	Note
Chronic toxicity on fish LC ₅₀		information i	No nformation available	No inform availab	ation	No information available	-		
Chronic crustac		-	EC ₅₀	information i	No nformation available	No inform availab	ation	No information available	-
12.4.	Mob	oility in soi	l						
		-		on in environmer	ntal compart	:ments:			
	No i	nformatio	n available						
	Surfa	ace tensio	n:						
	\	/alue	°C	Concentration	on	Metho	od		Note
	No infor avail	rmation able	No information available	No informatio	on No inf availal	ormation ble	n	-	
	Adso	orption / c	lesorption						
Transp	ort	A/D o	coefficient 's constant	log Kow	Evaporati	on rate	Me	thod	Note
		A/D o		log Kow No information available	•		Me No infor	mation _	Note
Transpo Soil-wa Water-	ater	A/D o Henry	's constant	No information	No inform	nation	No info	rmation -	Note
Soil-wa	ater air	A/D o Henry No available No	's constant information	No information available No information	No inform available No inform available	nation	No infor	rmation	Note
Soil-wa	ater air	A/D of Henry No available No available	's constant information information	No information available No information available No information	No inform available No inform available No inform	nation	No information available No information No informat	rmation	Note
Soil-wa	ater air	A/D of Henry No available No available No available	's constant information information information and vPvB asses	No information available No information available No information available	No inform available No inform available No inform	nation	No information available No information No informat	rmation	Note
Soil-wa Water- Soil-air	ater air	A/D of Henry No available No available No available	's constant information information information	No information available No information available No information available	No inform available No inform available No inform	nation	No information available No information No informat	rmation	Note
Soil-wa Water- Soil-air 12.5.	ater air Resu	A/D of Henry No available No available No available ults of PBT	's constant information information information and vPvB asses	No information available No information available No information available ssment	No inform available No inform available No inform	nation	No information available No information No informat	rmation	Note
Soil-wa Water- Soil-air 12.5.	air Resu No i	A/D of Henry No available No available No available ults of PBT nformatio	's constant information information information and vPvB assess n available upting propert	No information available No information available No information available ssment	No inform available No inform available No inform available	nation nation	No informavailable No informavailable available	rmation	Note
Soil-wa Water- Soil-air	air Resu No i	A/D of Henry No available No available No available ults of PBT nformatio	's constant information information information and vPvB assess n available upting propert	No information available No information available No information available ssment	No inform available No inform available No inform available	nation nation	No informavailable No informavailable available	rmation	Note
Soil-wa Water- Soil-air 12.5.	Resu No i	A/D of Henry No available No available No available ults of PBT nformatio	's constant information information information and vPvB assess n available upting propert docrine disrupti	No information available No information available No information available ssment	No inform available No inform available No inform available	nation nation	No informavailable No informavailable available	rmation	Note



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SECTION	N 13. Disposal considerat	ons
13.1.	Waste treatment method	
13.1.1.	Product/Packaging dispo	osal:
	Submit for disposal to the Protection.	e legal person authorized by the Ministry of Environmental and Nature
13.1.2.	Waste codes/waste design	gnations according to Law:
	No information available	
13.1.3.	Waste treatment – releva	ant information:
	No information available	
13.1.4.	Sewage disposal – releva	nt information:
	Waste must not be dispo	osed of into the sewage system.
13.1.5.	Other disposal recomme	ndations:
	authorized by the minist	oduct'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	visions:
	-	
SECTION	N 14. Transport informati	on
	Transporting/shipment by	road (ADR)
UN num		Not subject to transport regulations.
	er shipping name:	-
•	rt hazard class(es):	-
Packing		-
	nentally hazardous:	-
Special p	precautions for user:	- 1 (DID)
	Transporting/shipment by	
UN num		Not subject to transport regulations.



Trading name:

SAFETY DATA SHEET

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

HCL REAGENT, HEMOGNOST PERLS

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Product code:	HCLH-OT-X**	Date of compilation:	14 November 2022	Version:	4			
Transport hazard cl	ass(es):	-						
Packing group:		-						
Environmentally hazardous:		-						
Special precautions	for user:	-						
Inland wat	erway transport (ADN)							
UN number:		Not subject to transport	regulations.					
UN proper shipping	g name:	-						
Transport hazard cl	ass(es):	-						
Packing group:		-						
Environmentally ha	zardous:	-						
Special precautions	for user:	-						
Transporti	ng/shipment by sea (IN	MDG)						
UN number:		Not subject to transport regulations.						
UN proper shipping	g name:	-						
Transport hazard cl	ass(es):	-						
Packing group:		-						
Environmentally ha	zardous:	-						
Special precautions	for user:	-						
Transporti	ng/shipment by air (IC	AO-TI/IATA-DGR)						
UN number:		Not subject to transport	regulations.					
UN proper shipping	g name:	-						
Transport hazard cl	ass(es):	-						
Packing group:		-						
Environmentally ha	zardous:	-						
Special precautions	for user:	-						
Further information	n: The product is	not subject to classification	n.					

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



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		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;
	Other EU regulations:	Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC;
		Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work;
		Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006;
		REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);
	Information according 1999 guideline)	9/13/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 assessmen	t
	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 ₅₀	Lethal dose, 50%		
		LC ₅₀	Lethal concentration, 50%		
		STOT-SE	Specific target organ toxicity - single exposure		
16.3.	Key literature references and	_			
10.5.	source of data:				
16.4. Classification and procedure us 1272/2008 (CLP)		sed to derive the	classification for mixture according to Regulation (EC)		
Classification C		Classification pro	lassification procedure		
_		_			



SAFETY DATA SHEET

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

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16.5.	Rel	Relevant H statements (number and full text)			
	H:	314 335	Causes severe skin burns and eye damage. May cause respiratory irritation.		
16.6.			-		
			** "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
-



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

1.1.	Product identifier				
	Trade name:	NUCLEAR FAS	T RED (K	ERNECHTROT) REAGENT	
	Chemical name:	_			
	Catalogue number:	KR-OT-X**			
1.2.	Relevant identified uses	of the substan	ce or mi	xture and uses advised against	
	Uses:		Counte	erstain in many special staining kits.	
	Uses advised against:			ne identified uses are advised.	
	Reason why uses advise	ed 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 o	Details of the supplier of the safety data sheet			
	Supplier:	BioG	nost Ltd		
	Address:	Med	jugorska	59, Zagreb	
	Telephone number:	+385	5 1 24099	997	
	Telefax:	+385	5 1 24040	1 2404039	
	e-mail of competent pe	rson: <u>msd</u> s	<u>s@biogn</u>	<u>iost.hr</u>	
	National contact:	-			
1.4.	Emergency telephone n	umber			
1.4.	National Protection and Rescue Director		orate:	112	
1.4.	National Protection and	Rescue Directi		<u> </u>	
1.4.	National Protection and Medical information:	Rescue Directi		+385 1 2348 342	

SECTIO	SECTION 2. Hazards identification						
2.1.	Classification of the substance or	Classification of the substance or mixture					
2.1.1.	Classification according to Regula	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:		<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/ -	-	≤ 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	TION 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.	Most important symptoms a	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:		-		
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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 ₂ , foam, dry powder					
	Unsuitable extinguishing medi	a:	No information available					
5.2.	Special hazards arising from th	ne 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	TION 6. Accidental release measures						
6.1.	Personal precautions, protective ec	quipment and emergency procedures					
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 spillage contact Na Protection and Rescue Directorate (NPRD) on 112.						
6.3.	Methods and material for containn	nent and cleaning up					



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Trade name:		NUCLEAR FAST RED (KERNECHTROT) REAGENT							
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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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	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:	-

	Vicinity of work area.									
	Industrial sector specific solutions: -									
				ols/persona	l pro	tection				
8.1.	Contro	ol para	meters							
	Substa	ince		CAS	No	Occupational values/shor			Biolo	ogical limit values
						ppm	ppm mg/m³			
-				-		-		-		-
Substar name:	nce	-								
EC No:		-		CAS No:		-				
DNEL										
						Industrial				
Davita	- £		Acute effect local		Acute effect systemic			Chronic effect local		Chronic effect
Koute	of expo	sure:								systemic
Oral			-		-		-			-
Inhalati	ion		1		-		-			-
Dermal			-		-		-			-
Critical	physical	paran	neters: s	olubility, fla	mmal	bility, corrosivity:				
						Consumer				
Douts	of over		Acu	te effect		Acute effect		Chronic effe	ct	Chronic effect
Route of exposure:			local		systemic		local		systemic	
Oral			-		-		-			-
Inhalati	ion		1		-		-			-
Dermal			-		-		-			-
					•				,	



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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	
Freshwate	er sediments		No information available	
Marine wa	ater		No information available	
Marine se	ediments		No information available	
Food chain			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		
	Substance/mixture related measures to prevent exposure during identified uses:	Use the product in well ventilated rooms. Use personal protect equipment. Do not eat, drink or smoke in the workspace.		
	Structural measures to prevent exposure:	In accordance with Section 7.		
	Organisational measures to prevent exposure:	Organization of work in order to reduce other worker's influence 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:	Wear antistatic clothing made of natural fibers (such as cotton) with long sleeves (EN 13034), and shoes that cover the entire foo (EN 10335).		
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

.1.	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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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 ₅₀ ,	ive dose /LC ₅₀ or E _{mixture}	Exposur	e time	Results
Oral:	No information available	_	No info availabl		No infor		_
Dermal:	No information available	-	No info availabl		No infor		-
Inhalation:	No information available	-	No info availabl		No information _ available		
Specific tar	rget organ toxicity – single exposure (STOT SE): Specific effects Target organ					Note	
	•					Note	
Oral:	No information avail					-	
Dermal:	No information avail			ormation ava		-	
Inhalation:	No information avail	able	No inf	ormation ava	ailable	-	
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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<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 informatio	n 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:	KR-OT-X**	-X** Date of compilation:		on: 14 November 2022		Version: 4	
Chronic inhalation	No information		No No information available available		No informatio available		
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	nformation availa	ble	-	
Chronic oral No infor		rmation available No in		nformation availa	ble	-	
Chronic dermal No information avai			e No i	nformation availa	ble	-	
Chronic inhalation No information available			e No i	nformation availa	ble	-	
:							
CMR ef	fects (carcinogenio	ity; mutagenicit	y; reproductive	toxicity)			
Carcino	genicity:		No informati	on 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	Reproductive toxicity:		No informati	on 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:		7		
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Acute (short-teritoxicity	m)	Dose	Exposure time	Species	Method	Eval	uation	N	ote
Fish LC ₅₀		LC ₅₀	96 hours	No information available	-	No inforr available	mation	-	
Crustacea:		EC ₅₀	48 hours	No information available	-	No inforr available	nation	-	
Algae/aquatic pl	ants	IC ₅₀	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 ₅₀	96 hours	No information available	-	No inforr available	nation	-	
Crustacea:		EC ₅₀	48 hours	No information available	-	No inforr available	mation	-	
Algae/aquatic pl	ants	IC ₅₀	72 hours	No information available	-	No inforr available	mation	-	
Other organisms	5	-	-	-	-	-		-	
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 available		No information available		e	-
Fresh water	No ir	nformation a	vailable	No information av	ailable	able No information ava		e	-
Air	No ir	nformation a	vailable	No information available		No information available		e	-
Soil	No ir	nformation a	vailable	No information av	railable	No informa	ation availabl	e	-
Biodegi	radatio	on							
% Degradation		Time (days	()	Method	Eva	luation	N	ote	
No information No			nation			nformation le			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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Produc	t code	:	KR-OT-X** Date of compilation: 14 November 2022		2	Versior	ո: 4						
						:		·					
No informa available			inform lable	ation -		_	No in availabl	formation le		lo informa vailable	tion	No ii available	nformation
				<u> </u>	<u> </u>	<u> </u>						i	
	Bioco	ncent	ration 1	factor (BCI	=)								
V	alue			Species		N	1ethod			Evaluation		No	te
No info		ı	No info	ormation ble		No info availabl			No information available			No informat available	ion
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											
	Clause	.:											
	Cnror	iic eco	otoxicit	y	Ev	nocuro					: : : : : : : :		
	Valu	е		Dose	Exposure time		S	Species		Method		valuation	Note
Chronic	toxicit	y on f	fish	LC ₅₀	No information available			rmation lable	ir	lo nformation vailable		ormation ilable	-
Chronic crustace				EC ₅₀	No information available			No information available		lo nformation vailable	1		-
				i.							i		
12.4.	Mobil	ity in	soil										
	Know	n or p	oredicte	ed distribu	tion in e	environm	ental c	ompartm	nents	:			
	No in	forma	ation av	ailable									
	Surfac	ce ten	sion:										
	Vá	alue		°C	С	oncentra	tion		Met	hod		Note	
	No No information available available		ormation		No information available		No information available		-				
	Λ -!			.: -									
	Adsor	•	/ deso										
Transpo	rt		/D coef enry's co		lo	og Kow	Ev	aporatio	n rate	e Meth	od	Note	



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Trade name:	NUCLEAR FAST RED (KERNECHTROT) REAGENT					
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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 Ivailable	information	No information available	No information available	No information available	-
Soil-air		No Ivailable	information	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	adverse e	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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	authorized by the ministr	oduct's remains into the sewage system. Submit the remains to the collectors y in charge. Do not dispose of the packaging into the sewage system. Submit ectors authorized by the ministry in charge. Do not dispose of in places where
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 information	on
	Transporting/shipment by r	
UN num		Not subject to transport regulations
UN prop	er shipping name:	-
	rt hazard class(es):	-
Packing		-
-	nental hazards:	-
Special p	precautions for user:	-
	Transporting/shipment by r	rail (RID)
UN num		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 prop	er shipping name:	-
Transpor	t hazard class(es):	-
Packing	group:	-
Environn	nental hazards:	-
Special p	precautions for user:	-
	Transporting/shipment by s	sea (IMDG)
UN number:		Not subject to transport regulations
UN prop	er shipping name:	-
Transport hazard class(es):		-
Packing	group:	-
Environn	nental hazards:	Not subject to transport regulations



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

Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	-
Transporting/shipment by air (ICA	AO-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 environmental 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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Trade name:	NUCLEAR FAST RED (KERNECHTROT) REAGENT			
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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.	Ind	ication of changes:	-			
16.2.		oreviations and onyms:	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.	16.4. Classification and procedure 1272/2008 (CLP)		used to derive the classification for mixture according to Regulation (EC)			
Classif	icatior	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:	-			
	16.7. Further information:		** "X" in the product code marks different volumes (different packagings of the product)			
16.7.			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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Product code:	KR-OT-X**	Date of compilation:	14 November 2022	Version: 4

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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			XTURE AND OF THE COMPANY/UNDERTAKING	
	Trading name:	POTASSIUI	M HEXACYA	NOFERRATE, SOLUTION	
	Chemical name:	-			
	Catalogue number:	KHC-OT-X			
1.2.				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 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:	В	BioGnost Ltd.		
	Address:	N	Medjugorska 59, Zagreb		
	Telephone number: +		+385 1 2409997		
	Fax no.: +		+385 1 2404039		
	e-mail of competent person: <u>m</u>		msds@biognost.hr		
	National contact: -		-		
1.4.	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 substa	ance.	-		
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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Product code:	KHC-OT-X**	Date of compilation:	21 Dec 2022	Version: 4

	Signal word: -		
	Hazard statements: -		
	Precautionary statements: -		
	Further information: -		
2.3.	Other hazards		
	Endocrine Disrupting Properties:		
	No known endocrine disrupting properties		
	Results of PBT and vPvB assessment : 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	TION 4 FIRST AID MEASURES					
4.1.	Description of first aid measure	scription 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 INDAISTION.	ccording to our findings, chemical, physical and toxicological properties of ne substance have not been entirely tested.				
	FOIIOWING SKIN CONTACT.	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.				



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

	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 ₂ Large fire - water spray or alcohol-resistant foam					
	Unsuitable extinguishing media: water jet					
5.2.	Special hazards arising from the substance or mixture					
	Hazardous combustion products: No information available					
5.3.	Advice for firefighters					
	Use a self-contained open-circuit 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, protecti	ve equipment and emergency procedures				
6.1.1.	For non-emergency personne	1				
	Protective equipment:	Use personal protective equipment (see Section 8).				
	Accident prevention methods	Evacuate members of all non-essential personnel and 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 (s	ee 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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Trading name:	POTASSIUM HEXACYANOFERRATE, SOLUTION					
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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.	2. Conditions for safe storage, including any incompatibilities					
	Technical measures and storage conditions:	ven	ep in tightly closed and upright set containers in a well tilated storage rooms, and away from sources of heat, light, and other incompatible substances.			
	Packaging materials:	Ma	Manufacturer's original packaging.			
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.				
	Advices for storage equipment:	The storage must be made of hard material; floors me be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation. 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 Section 9).				
	Further information on storage conditions:					
7.3.	Specific end use(s)					
	Recommendations:	_				
	Industrial sector specific solutions:	-				



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SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION							
8.1. Control para	meters			ı			
Substance CAS		CAS I			upational exposure limit lues/short 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:	effe	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		Acut		Chronic	Chronic
exposure:	effe	ect local	effe	ct sys	temic	effect loca	l effect systemic
Oral	-		-			-	-
Inhalation	-		-			-	-
Dermal	-		-			-	-
PNEC							
Environmental 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					mation availabl		
Microorganisms in sewage treatment				No information available			
Soil (agricultural)					No information available		
Air					No infor	mation availabl	e
Air No informat					mation availabl	e	



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8.2.	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				
8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (preventing splashing) (EN 166) ovisor.				
8.2.2.2.	Skin protection					
	Hand protection:		otective gloves must be according to the EU Directive 2016/425/EEC and andard 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.	.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.	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 ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	Results
Oral exposure:	No information available	-	LD ₅₀	-	-
Dermal exposure:	No information available	_	LD ₅₀	-	_
Inhalation exposure:	No information available	_	LC ₅₀	-	-

Specific target organ toxicity – single exposure (STOT SE):				
	Specific effects	Target organ	Note	
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			
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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Trading name:	POTASSIUM HEXACYANOFERRATE, SOLUTION					
Product code:	KHC-OT-X**	Date of compilation:	21 Dec 2022	Version: 4		

		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 No No information info		No information available	on -	
Subchronic dermal	No information information in		No informati available		No information available	No information available	on -	
Subchronic inhalation		o information vailable No informavailal		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 - 1 -
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		-
Subchronic derm		No informa			No information available			

No information available

No information available



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Trading name:	POTA	ASSIUM HEXACYANOF	ERRATE, SOLUTIO	N
Product code:	KHC-OT-X**	Date of compilation:	21 Dec 2022	Version: 4

Cinonic	c dermal	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 <i>in-vitro</i> : Genotoxicity: Mutagenicity <i>in-vivo</i> : Germ cell mutagenicity:		Based on avail	able data, the classification criteria a	are not met.				
			Based on available data, the classification criteria are not met.						
			Based on avail	Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.					
			Based on avail						
	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 according to Commission 2017/2100 of Endocrine dis Endocrine d	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 or 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 ₅₀	96 hours	No information available	No information available	-	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	-	-
Algae/aquatic plants	IC ₅₀	8 days	No information available	No information available	-	-



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Trading name:	POTA	SSIUM HEXACYANOF	ERRATE, SOLUTIO	N	
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Microorganisms	LC ₅₀	72 hours	-	_	-	_
Chronic toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	No information available	-
Algae/aquatic plants	IC ₅₀	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	–
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	^
No information N		No availat	inform			No information		No information available		available
	Chronic	ecotoxicit	У							
	Value		Dose		osure ime	Species	Method		Evaluation	Note
Chronic toxicity on fish		LC ₅₀	No infor avail	No information		No n information available		o information railable	-	
	c toxicity o cea (<i>Daphn</i>		EC ₅₀	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	Soil-water No information available		No information available		No info	No information available		No information available	-	
	ot∆r :			No information available available available						
	ater ava	ilable in	formation	No ir	nformation	No info	rmation availab	le	No information available	-



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		1	1	1	1 1	
12.5.	2.5. Results of PBT and vPvB assessment					
			contain components considere			
	according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.					
	Regulation	1 (EU) 2018/605 at leve	is of 0.1% or nigner.			
12.6.	Fn do arino	dismunting properties				
12.0.		disrupting properties	contain components considere	d to boy o and o svivo	a dissupting properties	
			contain components considere or Commission Delegated regu			
	_	n (EU) 2018/605 at leve		,		
12.7.	Other adv	erse effects				
	No inform	ation available				
SECTIO	N 13 DISPO	OSAL CONSIDERATIO	NS			
13.1.	Waste tr	eatment methods				
13.1.1.	Product,	Packaging disposal:				
	Submit for disposal to the legal person authorized by the Ministry of Environmental and Nature					
	Protection	on.				
13.1.2.	.1.2. Waste codes/waste designations according to Law:					
	No information available					
13.1.3. Waste treatment – relevant information:						
	No infor	mation available				
13.1.4. Sewage disposal – relevant information:						
	Waste m	nust not be disposed o	f into the sewage system.			
13.1.5.		sposal recommendatio				
	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					
		re 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 provision	s:			
	-					



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SECTION 14 TRANSPORT INFORM	MATION
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:	-
Environmentally hazardous:	



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Special precautions for us	er:	-	
Further information:	-		

15.1.	Safety, health and enviror	nmental regulations/legislation specific for the substance or mixture			
	EU regulations				
	Authorization and/or rest	rictions of use			
	Authorizations:	-			
	Restrictions:	-			
	Other EU regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 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)	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-quideline)			
	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act			
15.2.	Chemical safety assessme	ent			
	None				

SECTION 16 Other information		
16.1.	Indication of changes:	-



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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	per 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 statements) H: - Training advice:		

ANNEX:

Exposure scenario resulting to Chemical safety assessment

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