

Page 1 of 17

Trading name:	HCL REAGENT, WEIGERT-VAN GIESON				
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

SECT	ION 1: Identification of	the substance	e/mixture	and of the company/undertaking		
1.1	Product identifier					
	Trading name:	HCL REAGENT, WEIGERT-VAN GIESON				
	Chemical name:	-				
	Catalogue number:	HCLW-OT-	X**			
1.2	Relevant identified us	es of the subs	tance or n	nixture and uses advised against		
	Uses:		For use	with special staining kits in histopathology.		
	Uses advised against:			e identified uses are advised.		
	Reason why uses advised against:		The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes.			
1.3	Details of the supplier	Details of the supplier of the safety data sheet				
	Supplier:		BioGnost Ltd.			
	Address:		Medjugorska 59, Zagreb			
	Telephone number:		+385 1 2409997			
	Telefax.:		+385 1 2404039			
	e-mail of competent p	person:	msds@biognost.hr			
	National contact:		-			
1.4	Emergency telephone	number				
	National Protection a	nd Rescue Dire	ectorate:	112		
	Medical information:			+385 1 2348 342		
	Other information:			-		

SECTIO	SECTION 2. Hazards identification					
2.1	Classification of the substance	Classification of the substance or mixture				
2.1.1	Classification according to Regu	ulation (EC) No 12	272/2008 (CLP)			
	Hazard class and catego	Hazard class and category code: Hazard statements*:				
	Flam. Liq. 2		H225			
2.1.2.	Additional information					
	-	-				
*For fu	ll text of Hazard- and EU Hazard-	statements: see S	ECTION 16			
2.2	Label elements					
	Product identification:	HCL REAGENT, \	WEIGERT-VAN GIESON			
	Identification number:	-				
	Authorization number:	-				



Page 2 of 17

Trading name:	HCL REAGENT, WEIGERT-VAN GIESON				
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

	Hazard pictograms:	GHS02		
	Signal word:	Danger		
	Hazard statements:	H225 Highly flammable liquid and vapor.		
	Precautionary statements:	 P210 Keep away from heat/sparks/open flames/hot surfaces Do not smoke. P233 Keep container tightly closed. P280 Wear protective gloves/protective clothing/eye/protection/face protection. 		
	Supplemetal hazard information (EU):	-		
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 PBT or a vPvB.			

SECTION 3. Co	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)				
64-17-5/ 200-578-6/ 603-002-00-5	01-2119457610-43- 0147	50 – 70 %	ethanol	Flam. Liq. 2; H225				
7647-01-0/ 231-595-7/ 017-002-00-2	01-2119484862-27- xxxx	< 1%	hydrochloric acid, 37%	Skin Corr. 1B; H314 STOT SE 3; H335				

SECTIO	SECTION 4. First aid measures				
4.1	Description of first aid measures				
	General notes:	If the suggested first aid measures do not prove sufficient, seek medical attention.			
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. In case of difficult breathing, provide the afflicted person with oxygen.			



Page 3 of 17

Trading name:	HCL REAGENT, WEIGERT-VAN GIESON				
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

	Following skin contact:	Remove contaminated clothing. 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 mouth thoroughly with 1-2 glasses of water. 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 and effects, both acute and delayed			
	Following inhalation:	Depending on concentration and exposure time, it may lead to mucosa irritation, cough, and dyspnea.		
	Following skin contact:	Depending on concentration and exposure time, it may lead to irritation, rash, skin drying and skin cracking.		
	Following eye contact:	Depending on concentration and exposure time, it may lead to irritation, tearing, redness and pain.		
	Following ingestion:	Depending on concentration and exposure time, it may lead to stinging and digestive mucus damage, abdominal pain, nausea, vomiting.		
		cal attention and special treatment needed		

SECTION	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 with full jet			
5.2	Special hazards arising from the substance or mixture				
	Hazardous combustion products:	Formation of toxic gases is possible during heating or in case of fire.			
5.3	Advice for firefighters				
	Use a self-contained open-circuit	compressed air breathing apparatus and fireproof clothing.			
5.4	Additional information	Additional information			
		Cool endangered receptacles with water spray. Collect contaminated fire fighting water separately. Do not contaminate the environment with extinguishing media.			

SECTIO	ON 6. Accidental release measures
6.1	Personal precautions, protective equipment and emergency procedures



Page 4 of 17

Trading name:	HCL REAGENT, WEIGERT-VAN GIESON				
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

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. Avoid breathing vapors and avoid contact with skin and eyes. Do not smoke. Keep away from ignition sources.				
	Emergency procedures:	Mark the area using proper signs.				
6.1.2.	For emergency responders:					
	Use protective equipment; in c (see Section 8).	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 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 protective barrier or barriers made of similar materials.				
6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using absorbing material. 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:	Secure proper ventilation. Do not use incompatible materials (see Section 10).				
6.4	Reference to other sections					
	See Section 7 for information of See Section 8 for information of See Section 13 for disposal info	on personal protection equipment.				

SECTIO	SECTION 7. Handling and storage				
7.1	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:	Use in well ventilated storage rooms. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.			
	Measures to prevent aerosol and dust generation:	Secure proper ventilation.			
	Measures to protect the environment:	Prevent spilling into the sewage system and waterways.			
	Other measures:	Protect against electrostatic charges.			
7.1.2.	Advice on general occupational hygiene:				



Page 5 of 17

Trading name:	H	ICL REAGENT, WEIGERT	-VAN GIESON		
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

	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:	Keep in tightly closed and upright set containers in a well ventilated storage rooms at temperatures ranging from 15 to 25 °C. Protect from heat and direct sunlight.				
	Packaging materials:	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 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 (see Section 10).				
7.3	Specific end use(s)					
	Recommendations:	-				
	Industrial sector specific solutions:	-				

Industrial sector specific solutions: -							
SECTION 9 Ev	nocuro contr	ols/personal prot	ection				
	ol parameters	ois/ personar prot	ection				
Substa	•	CAS No			exposure limit term values		Biological limit values
			рр	m	mg/m³		
Ethanol		64-17-5	100	0/-	1900/-	-	
Hydrogen chlor	ride	7647-01-0	5/1	10	8/15	-	
Substance name	e: -						
EC No:	-	CAS No: -					
DNEL		·					
			Indus	strial			
Route of	Acı	ıte A	cute		Chronic		Chronic
exposure:	effect	local effect	systemic		effect local		effect systemic
Oral	-	-		-		-	
Inhalation	1900 mg (ethanol	_		-		3	880 mg/m³ (ethanol)
Dermal	-	-		-		3	343 mg/kg (ethanol)



Page 6 of 17

Trading name:		HCL REAGENT, WEIGER	T-VAN GIESON		
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

Cuisi a al mila	:		£1 - :1:				
Critical ph	iysicai parar	neters: solubility,	Tiammabili	•	nsume	<u> </u>	
Route of exposure	:	Acute effect local	Acu effect sy	ute	Chronic		Chronic effect systemic
Oral		-	-		-		87 mg/kg bw/day (ethanol)
Inhalation		950 mg/m³ (ethanol)	-		-		114 mg/m³ (ethanol)
Dermal		-	-		-		206 mg/kg (ethanol)
PNEC							
Environme	ental protec	tion target			PNEC		
Fresh wat	er				0.96 r	mg/l (ethanol)	
Freshwate	er sediments	5			3.6 m	g/kg (ethanol)	
Marine wa	ater				0.79 r	mg/l (ethanol)	
Marine se	diments				2.9 m	g/kg (ethanol)	
Food chai	n				380-7	'20 mg/kg kg (ethanol)
Microorga	anisms in se	wage treatment			580 mg/l (ethanol)		
Soil (agric	ultural)				0.63 mg/kg (ethanol)		
Air					no in	formation available	
8.2	Evnocure	controls					
8.2.1.		controls	controls				
0.2.1.	Appropri	iate engineering o	Controls		Llco t	ha product in wall van	tilated rooms. Use personal
		ce/mixture related exposure during i			Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace.		
	Structura exposure	al measures to pre e:	event		In accordance with Section 7.		
	Organisa exposure	tional measures t e:	to prevent		Organization of work in order to reduce other worker's influence during work process.		
	Technica	l measures to pre	event expo	sure:	conce		entilation in order to keep elow permitted levels. Secure d showering.
8.2.2.	Personal	protection equip	ment				
8.2.2.1.	Eye and	face protection:	le	Safety glasses that stick to face (EN 166) or visor in case of lower levels of concentration in air; protective gas mask that covers the entire face in case of higher levels of concentration in air.			tive gas mask that covers the
8.2.2.2.	Skin prot	tection					



Page 7 of 17

Trading name:	H	ICL REAGENT, WEIGERT	-VAN GIESON		
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

	Hand protection:	The protective gloves have to satisfy the specification of Regulation (EU) 2016/425 and the related standard EN 374. Glove material: nitrile rubber Glove thickness: 0.40 mm Time until perforation: > 480 min
	Other skin protection:	During everyday work use cotton clothing (EN 340) and suitable footwear, such as rubber boots (EN 20345) or shoes that cover the entire foot. In case of spilling hazard, use clothing made of impermeable material suitable for protection from liquid chemicals (Viton, PVC, himex) and footwear made from the same material.
8.2.2.3.	Respiratory protection:	Protective full face mask (EN 136) or half mask (EN 140) equipped with a filter for organic vapors, type "A" (boiling point >65°C) according to EN 14387) used when concentration levels exceed GVI.
8.2.2.4.	Thermal hazards:	No information available
8.2.3.	Environmental exposure controls	
	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

9.1	Information on basic physical and chemical properties					
		Value	Method			
	Physical state:	liquid	No information available			
	Colour:	colourless	No information available			
	Odour/odour threshold:	biting/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:	21 °C	No information available			
	Auto-ignition temperature:	No information available	No information available			
	Decomposition temperature:	No information available	No information available			



Page 8 of 17

Trading name:		HCL REAGENT, WEIGERT	-VAN GIESON		
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

	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
9.2	Other information		
	-		

SECTIO	ECTION 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 (room temperature).				
10.3	Possibility of hazardous reactions:	No dangerous reactions known.				
10.4	Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources.				
10.5	Incompatible materials:	No further relevant information available.				
10.6	Hazardous decomposition products:	No dangerous decompostion products known.				

SECTIO	ON 11. Toxi	icological inform	nation						
11.1	Information	on on hazard cla	sses as defined i	n Regu	lation (EC) No 127	2/2008			
	Acute tox	icity:							
Route exposu		Method	Species	Do	ose LD ₅₀ /LC ₅₀ or ATE _{mix}	Exposure ti	me	Results	
Oral:		-	rat		LD ₅₀	-		7.060 mg/kg (ethanol)	
Derma	l:	-	rabbit		-	_		>20.000 mg/kg (ethanol)	
Inhalat	ion:	-	rat		LC ₅₀	4 h		20.000 mg/l	
	Specific ta	arget organ toxic	city – single expo	sure (S	STOT SE):				
		Spe	ecific effects		Target o	rgan		Note	
Oral:		No information	on available		No information a	vailable	_		
Derma	l:	No information	on available		No information a	vailable	-		
Inhalat	Inhalation: No information available			No information available -					



Page 9 of 17

Trading name:	H	ICL REAGENT, WEIGERT	-VAN GIESON		
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

Aspiratio	on haza	ırd:	N	o information av	/ailable.				
Irritation	and co	orrosion							
		Exposur	e time	Species	Evaluation I	Method	Note		
Skin corrosion/irritatio	on:	-	-		-	-			
Serious eye damage/irritation	1	-	-		-	-			
Sensitiza	ation								
Skin sensitization		No inf	ormation availa	able.					
Respiratory sensit	tization	ı: No inf	ormation availa	able.					
Symptor	ms relat	ted to the pl	nysical, chemica	al and toxicolog	ical characteristic	CS			
Oral exposure: No informati		on available.							
Dermal exposure: No informati		on available.							
Inhalation exposu	ıre: ا	No informati	ion available.						
Eye exposure:	I	No informati	ion available.						
ı									
Repeate	d dose	toxicity (sub	acute, subchro	nic, chronic)	1	1			
		Dose	Exposure time	Species	Method	Evaluation	Note		
Subacute oral	No i availa	nformation ble	No information available	No information available	No information available	No information available	-		
Subacute dermal	No i availa	nformation ble	No information available	No information available	No information available	No information available	-		
Subacute inhalation	No i availa	nformation ble	No information available	No information available	No information available	No information available	-		
Subchronic oral	No i availa	nformation ble	No information available	No information available	No information available	No information available	-		
Subchronic dermal	No i availa	nformation ble	No information available	No information available	No information available	No information available	-		



Page 10 of 17

Trading name:	H	ICL REAGENT, WEIGERT	-VAN GIESON	_	
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

Product code:	HCL	W-OT-X**		Date of comp	ilation:	21 De	c 2022	Version:	4
Subchronic inhalation	No in availab	information able No information available		information information		mation able	No informatio available	on -	
Chronic oral	No information available		No information available	No informatio available	No n infor avail	mation able	No informatio available	on -	
Chronic dermal	No information available		No informatio available	No informatio available	No n infor avail	mation able	No informatic available	on -	
Chronic inhalation	No information available		No informatio available	No informatio available	No n infor avail	mation able	No informatic available	on -	
Specific	target o	rgan toxicit	· ·	d exposure (ST	OT RE):				
			Specific et			Target c		Note	
Subacute oral		No informa	ation availab	ole	No in	No information available		-	
Subacute derma	l	No informa	ation availab	ole	No in	No information available		-	
Subacute inhalat	ion	No informa	ation availal	ole	No in	No information available		-	
Subchronic oral		No informa	ation available		No in	No information available		-	
Cubebranie darm	. al	Na informa	stion availab	Na in	No information available				

	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	-
Chronic inhalation	No information available	No information available	-

Carcinogenicity:	Based on available data, the classification criteria are not m
Mutagenicity in vitro:	Based on available data, the classification criteria are not m
Genotoxicity:	Based on available data, the classification criteria are not m
Mutagenicity in vivo:	Based on available data, the classification criteria are not m
Germ cell mutagenicity:	Based on available data, the classification criteria are not m
Reproductive toxicity:	Based on available data, the classification criteria are not m

Summary	of	evaluation	of	the	CMR	Based o	on	available	data,	the	classification	criteria	are	not
properties:						met.								

11.2. Information on other hazards:

11.2.1. Endocrine disrupting properties:



Page 11 of 17

Trading name:		HCL REAGENT, WEIGERT	-VAN GIESON		
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

	No known endocrine disrupting properties that affect human health.
11.2.2.	Other informations:
	-

12.1 Toxicity						
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	8.140 mg/l (ethanol)	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	7.800 mg/l (ethanol)	-
Algae/aquatic plants IC ₅₀		4 days	No information available	No information available	5.000 mg/l (ethanol)	-
Other organisms	-	-	-	-	-	-
Chronic (long-term) 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	-
				No	No	
Algae/aquatic plants	IC ₅₀	72 hours	No information available	information available	information available	-

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



Page 12 of 17

Trading name:				HCL R	EAGENT, WE	IGERT-VAN	GIESON		
Product code:	HCL\	HCLW-OT-X**		Date	Date of compilation:		ec 2022	Version:	
Air	No infor	mation ava	ailable	No inf	ormation ole	No information available			
Soil	No infor	mation ava	available		No information	on -			
Riodea	radation								
% Degradation		Time (da	vs)		Method	Evaluatio	on	Note	
No information available	No		rmation		ormation	No information	on N	o information ailable	1
	umulative ol-water pa		officiont (log Kow)\				
	Concentra		pH	°C	Method	Fvalı	uation	Note	<u> </u>
		-	P		-	-		-	
	centration				NA 11 1		•	NI i	
Value No information	No	Species	rmation		Method ormation	Evaluat No informat		Note	-
available	availa			availab		available	-		
Chronic	c ecotoxici	tv							
Value		Dose		osure ime	Species	Method	Evaluati	ion N	lote
Chronic toxicity on fish		LC ₅₀	No infor availa	mation able	No information available	No information available	No informati available	on -	
Chronic toxicity on crustacea (<i>Daphnia</i>)		EC ₅₀	No infor	mation	No information	No information available	No informati available	on -	



Page 13 of 17

Trading name:	HCL REAGENT, WEIGERT-VAN GIESON				
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

	No	informatio	n available						
	Surf	ace tensio	n:						
	,	Value	°C	Concentratio	n	Metho	od		Note
	No No information available available		information	No information available		No information available		-	
	Ads	orption / o	desorption						
Transpo	ort	-	coefficient /'s constant	log Kow	E٧	aporation rate	Meth	iod	Note
Soil-wa	ter	No available	information	No information available		o information ailable	No inform available	nation	-
Water-a	air	No available	information	No information available		o information ailable	No inform available	nation	-
Soil-air		No available	information	No information available		o information ailable	No inform available	nation	-
12.5			and vPvB asses						
	Base	ed on avai	lable data, the p	product does not c	ont	ain any PBT or v	PvB substa	nces.	
12.6	End	ocrino dici	rupting properti	oc					
12.0				not contain endo	crin	e disruptors			
	1 200				-	. с с.			
12.7	Oth	er adverse	effects						
	No	further rel	evant information	on available.					
SECTIO	N 13	. Disposal	consideration	S					
13.1	W	aste treati	ment methods						
12.1.1		and the A	de ain - di	ı					
13.1.1.			ckaging disposa	: egal person autho	rizo	d by the Ministr	v of Environ	amontal	and Nature
		otection.	nsposal to the l	egai person autho	1120	a by the Millistr	y OI EIIVIIOI	miental	and Nature
13.1.2.	W	aste code	s/waste designa	tions according to) La	w:			



Page 14 of 17

Trading name:	HCL REAGENT, WEIGERT-VAN GIESON					
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4	

	15 01 10*: Packaging tha substances	t contains residual hazardous substances or is contaminated with hazardous		
13.1.3.	Waste treatment – releva			
	No information available			
13.1.4.	Sewage disposal – releva	nt information:		
	Waste must not be dispo	sed of into the sewage system.		
13.1.5.	Other disposal recomme	ndations:		
	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.			
13.1.6.	Relevant Community provisions:			
	Disposal must be made a	according to official regulations.		
CECTION	N 44 TRANSPORT INFORM	AATION		
SECTIO	N 14 TRANSPORT INFORM Transporting/shipment by			
UN num	-	1170		
	per shipping name:	Ethanol solution		
	rt hazard class(es):	3		
Packing				
	mentally hazardous:	-		
Special	precautions for user:	-		
	Transporting/shipment by	rail (RID)		
UN num	ber:	1170		
UN prop	er shipping name:	Ethanol solution		
Transpo	rt hazard class(es):	3		
Packing	group:	II		
Environr	mentally hazardous:	-		
Special	precautions for user:	-		
	Inland waterway transport	(ADN)		
UN num	ber:	1170		
UN prop	er shipping name:	Ethanol solution		
Transpo	rt hazard class(es):	3		
Packing	group:	II		



Page 15 of 17

Trading name:	HCL REAGENT, WEIGERT-VAN GIESON				
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by sea (IN	MDG)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	II
Environmentally hazardous:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	-
Transporting/shipment by air (IC.	AO-TI/IATA-DGR)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	II
Environmentally hazardous:	-
Special precautions for user:	-
Further information: -	

SECTIO	SECTION 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: -				



Page 16 of 17

Trading name:	HCL REAGENT, WEIGERT-VAN GIESON				
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

		Deculation (FC) No 1007/2006 of the European Deglisment and of the Council of
	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 199 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 assessmen	nt
	None	

SECTIO	ON 16. Other information	
16.1	Indication of changes:	-
16.2	Abbreviations and acronyms:	ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (UK REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative
16.3.	Key literature references and source of data:	-



SAFETY DATA SHEET

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

Page 17 of 17

Trading name:	HCL REAGENT, WEIGERT-VAN GIESON				
Product code:	HCLW-OT-X**	Date of compilation:	21 Dec 2022	Version:	4

16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)		
Classification			Classification procedure
_			-
16.5.	Relevant H statements (number and full text)		
		225	Highly flammable liquid and vapor.
	H:	314	Causes severe skin burns and eye damage.
		335	May cause respiratory irritation.
16.6.	Training advice:		-
			** "X" in the product code marks different volumes (different packagings of the product)
16.7.	Furt	her 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
-