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Trade name:	LADEWIG'S REAGENT							
Product code:	LDWR-OT-X**	Date of compilation:	14 November 2022	Version:	2			

1.1.	Product identifier					
	Trading name:	LADEW	G'S RE	AGENT		
	Chemical name:	-				
	Product code:	LDWR-0	DT-X**			
1.2.	Relevant identified uses of the substance or mixture and uses advised against					
	Uses:			For use with	n Ladewig Trichrome kit.	
	Uses advised agains	t:		Only the ide	entified uses are advised.	
	Reason why uses advised against:		nst:	The product is intended for use only as an <i>in vitro</i> diagnostic medical device and there is no reason to use it for other purposes.		
1.3.	Details of the suppli	Details of the supplier of the safety data sheet				
	Supplier: Bi		BioG	BioGnost Ltd.		
	Address:		Medjugorska 59, Zagreb			
	Telephone number:	Telephone number:		+385 1 2409997		
	Telefax:		+385	+385 1 2404039		
	e-mail of competen	t person:	msds@biognost.hr			
	National contact:		-			
1.4.	Emergency telephone numbers					
	National Protection	and Rescu	e Dire	ctorate:	112	
	Medical information	:			+385 1 2348 342	
	Other information:	Other information:			-	

N 2. Hazards identification					
Classification of the substan	nce or mixture				
Classification according to Regulation (EC) No 1272/2008 (CLP)					
Hazard class and ca	tegory code:	Hazard statement*:			
Skin Irr. 2		H315			
Eye Irr. 2		H319			
Additional information					
-					
full text of H and EUH phrase	es see Section 16.				
Label elements					
Product identification:	LADEWIG'S REAG	jent			
Identification number: -					
Authorisation number:	-				
	Classification of the substar Classification according to Hazard class and ca Skin Irr. 2 Eye Irr. 2 Additional information - full text of H and EUH phrase Label elements Product identification: Identification number:	Classification of the substance or mixture Classification according to Regulation (EC) No 1 Hazard class and category code: Skin Irr. 2 Eye Irr. 2 Additional information - full text of H and EUH phrases see Section 16. Label elements Product identification: LADEWIG'S REAG Identification number: -			



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	Hazard pictograms:	GHS07		
	Signal word:	Warning		
	Hazard statement:	<ul><li>H315 Causes skin irritation.</li><li>H319 Causes serious eye irritation.</li></ul>		
	Precautionary statement:	<ul> <li>P280 Wear protective gloves/protective clothing/eye/protection/face protection.</li> <li>P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</li> <li>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> </ul>		
	Supplemetal hazard information (EU):	-		
2.3.	Other hazards			
	No known endocrine disrupting properties. This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.			

SECTION 3. Co	mposition/infor	mation on ing	gredients	
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
3244-88-0/ 221-816-5/ -	-	1 - 2 %	3-(1-(4-amino-3-methyl-5- sulphonatophenyl)-1-(4-amino-3- sulphonatophenyl)methylene)cyclohe xa-1,4-dienesulphonic acid	Skin Corr. 1B; H314 Eye Dam. 1; H318
144-62-7/ 205-634-3/ 607-006-00-8	-	< 1 %	oxalic acid	Acute Tox. 4; H302 Acute Tox. 4; H312

SECTIO	SECTION 4. First aid measures				
4.1.	Description of first aid measures				
	General notes:	Move out of dangerous area. Show this safety data sheet to the doctor and first responders.			
	Following inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Get medical advice.			



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	Following	g skin contact:		ash off with soap and ple edical advice.	nty of water. If irritation occ	urs and persists: Get
	Following eye contact:		pr	2	for several minutes. Removentinue rinsing. If eye irritatio	
	Following ingestion:			ever give anything by mou ater.	uth to an unconscious perso	on. Rinse mouth with
	Self-prot	ection of the	_			

	first aider		
4.2.	Most important symptoms and effects, both acute and delayed		
	Following inhalation:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.	
	Following skin contact:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.	
	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		
	Treat symptomatically.		

SECTIC	ON 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Use dry chemical, CO <sub>2</sub> , water spray (FOG) or foam.			
	Unsuitable extinguishing media:	Avoid solid water stream as it may scatter and spread fire.			
5.2.	Special hazards arising from the su	ibstance or mixture			
	Hazardous by products of fire:	Use water spray to cool fire exposed container surfaces and to protect personnel. Thermal decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (an asphyxiant at sufficient concentrations).			
5.3.	Advice for firefighters				
	Use a self-contained open-circuit containers exposed to fire with wa	ompressed air breathing apparatus and fireproof clothing. Cool closed ter spray or vapor.			
5.4.	Additional information				
	0,00	ing due to increase in pressure. Remove sources of heat and nvironment with extinguishing media.			

	SECTION 6. Accidental release measures			
	6.1.	Personal precautions, protective equipment and emergency procedures		
Ī	6.1.1.	For non-emergency personnel		



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	Protective equipment:	Use suitable personal protective equipment (see Section 8).		
	Accident prevention methods	Evacuate members of all non-essential personnel and those members without protective equipment.		
	Emergency procedures:	Mark the area using proper signs.		
6.1.2.	For emergency responders:			
	Use protective equipment; in equipment (see Section 8).	case of inadequate ventilation use adequate airways protective		
6.2.	Environmental precautions:			
	Do not dispose of in sewage, Protection and Rescue Direct	drainage system and waterways. In case of large spillage contact National orate (NPRD) on 112.		
6.3.	Methods and materials for co	ontainment and cleaning up		
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.		
6.3.2.	Cleaning up:	After removing the product, use water to wash the work space and used materials.		
6.3.3.	Other information:	No information available.		
6.4.	Reference to other sections			
	-			

SECTIO	N 7. Handling and storage					
7.1.	Precautions for safe handling					
7.1.1.	1. Protection measures					
	Measures to prevent fire:		Use in well ventilated storage rooms. Refer to the manufacturer's recommendations.			
	Measures to prevent aerosol and dust generation	on:	Secure proper ventilation.			
	Measures to protect the environment:		Prevent spilling into the sewage system and waterways.			
	Other measures:		-			
7.1.2.	Advice on general occupational hygiene:					
	Do not eat, drink or smoke in the workspace. The	noroughly w	ash hands after work and before eating.			
7.2.	Conditions for safe storage, including any incon	npatibilities				
	Technical measures and storage conditions: well		ightly closed and upright set containers in a ilated storage rooms at temperatures rom 15 to 25 °C.			
	Packaging materials:	Manufact	urer's original packaging.			
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.				



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	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 9).
7.3.	Specific end use(s)	
	Recommendations:	-
	Industrial sector specific solutions:	-

SECTION 8. EX				ERSON	AL PROTECTI	ON		
8.1. Con	trol pa	irameter	rs		T		T	
Substa	ance		CAS No		Occupation values/sh	•		Biological limit values
					ppm	mg	ı/m³	
-			-		-		-	-
Substance:	-							
EC No:	-		CAS No:	-				
DNEL								
					Industria	l		
Route of expo	sure:		te effect local		ute effect ystemic	Chr	onic effect local	Chronic effect systemic
Oral		-		-		-		-
Inhalation		-		-		-		-
Dermal		-		-		-		-
Critical physica	al para	meters:	solubility, fl	ammabil	ity, corrosivit	y:	-	
					Consume	r		
Route of exposure:			te effect local		ute effect ystemic	Chr	onic effect local	Chronic effect systemic
Oral		-		-		-		-
Inhalation -		-		-		-		-
Dermal		-		-		-		-
PNEC								
Environmental	prote	ction ta	rget		PNEC			



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No information available No information available				
not eat, dr	rink or smoke			
No information available				
other wor	rker's influence			
Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.				
er appropi	oriate standards			
Handle with chemical resistant gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.				
ed.				
per use o	of respirators is			
orking cor	nditions of the			
orking cor	nc			



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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:	brownish purple	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
	Lower and upper explosion limit:	No information available	No information available
	Flash point:	No information available	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	pH:	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
9.2.	Other information		

SECTION	SECTION 10.: Stability and reactivity				
10.1.	Reactivity:	Not reactive under normal conditions.			
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 information available.			



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10.4. 10.5.	Conditions to avoid: Incompatible materials:		Contact with incompatible materials and temperature extremes. Strong oxidizers.						
10.6.	Hazardo	Hazardous decomposition products:		Does not decompose under normal conditions. During fire, thermal decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (as asphyxiant as sufficient concentrations).					

11.1. Infoi	rmation on to	xicological eff	ects						
Acut	e toxicity:								
Route of exposure:	М	ethod	Sp	ecies	D LD50/	ective ose ′LC <sub>50</sub> or <sub>mixture</sub>	Expos time		Results
Oral:		formation ailable		-	No information available		-		-
Dermal:		formation ailable		-	No information - available		-		-
Inhalation:	_	formation ailable		-	No information available		-		-
Spe	cific target or	gan toxicity - s	<u> </u>	•	STOT-SE)				
		•	ific effe	ects		Targe	t organ		Note
Oral:		ormation availa				-		-	
Dermal:	No info	ormation availa	able			-		-	
Inhalation:	No info	ormation availa	able			-		-	
٨٥٣	ination borong	1.							
Asp	iration hazaro	1.		-					
Irrita	ation and cor	rosion							
		Exposure t	time	Spec	cies	Evalua	ation	Method	Note
Skin corrosion/irritation: No avai		No inforn available	nation	rabbit		-		-	mild skin irritation
Serious irritation to eyes:		No inforn available	nation	-		_		-	-



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C	·							
Skin sensitizatio	tization	lo information						
Respiratory								
sensitization:	Ν	lo information	n available.					
Symp	toms relat			and toxicologic	al properties			
Oral exposure:		No known s						
Dermal exposur					ise skin irritation.			
Inhalation exposure:No known specific symptoms.Eye exposure:No known specific symptoms.								
Eye exposure:		No known s	specific sym	ptoms.				
D	معما دا			nanta akurata)				
кереа	alea aose	LOXICITY (SUDA	cute, subch	ronic, chronic)		Evaluatio		
	Dos	se Expo	osure time	Species	Method	n	Note	
	No	No		No		No	No	
Subacute oral	informa		mation	information	No information available	informati	informati	ion
	available	e avail	able	available	avaliable	on available	available	
	No	No		No		No	No	
Subacute dermal	informa		mation	information	No information available	informati	informati	ion
uermai	available	e avail	able	available	avaliable	on available	available	
	No	No		No		No	No	
Subacute	informa		mation	information	No information	informati	informati	ion
inhalation	available	e avail	able	available	available	on available	available	
	NI -	NI		N1-		No	NI -	
Subchronic	No informa	No tion infor	mation	No information	No information	informati	No informati	ion
oral	available	e avail	able	available	available	on available	available	
						No		
Subchronic	No informa	No tion infor	mation	No information	No information	informati	No informati	ion
dermal	available			available	available	on available	available	-
						No		
Subchronic	No informa <sup>-</sup>	No tion infor	mation	No information	No information	informati	No informati	ion
inhalation	available			available	available	on available	available	
				<u> </u>		avaliable		



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available

No

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Chronic oral	No information available	No information available	No information available	No information available	No informati on available	No information available			
Chronic dermal	No information available	No information available	No information available	No information available	No informati on	No information available			

Genotoxicity:

Chronic inhalation	No information available	No information available	No informat available		No information available	No informati on available	No information available	
Sn	ecific target organ	toxicity - repeated	d exposure		-RF).			
- OP		Specific ef			Target organ		Note	
Subacute oral		No information a	available	No	information availab		information ailable	
Subacute dermal		No information a	available	No	information availab	าโค	information ailable	
Subacute inhalation		No information a	available	No	o information available		information ailable	
Subchronic c	oral	No information available		No	o information available		No information available	
Subchronic d	lermal	No information available No information available			No information available No information available		No information available No information available	
Subchronic i	nhalation							
Chronic oral		No information a	available	No	o information available		information ailable	
Chronic dern	nal	No information a	available	No	information availab	าโค	information ailable	
Chronic inha	lation	No information a	available	No	information availab		information ailable	
CM	1R effects (carcino	genicity, mutageni			<b>,</b>		•. • .	
Ca	rcinogenicity:		Based met.	d on a	vailable data, the cla	assification c	riteria are not	
Μι	utagenicity in-vitro		Basec met.	d on a	vailable data, the cla	assification c	riteria are not	

met.

met.

Based on available data, the classification criteria are not



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	Mutagen	icity <i>in-vivo</i> :		Based on av met.	vailable data, the classificati	on criteria are not		
	Germ cel	l mutagenicity:		Based on av met.	vailable data, the classificati	on criteria are not		
	Reprodu	ctive toxicity:		Based on available data, the classification criteria are not met.				
	Summary propertie	y of evaluation of es:	the CMR	No informa	tion available			
11.2.	Informat	ion on other hazards:						
11.2.1.	Endocrin	e disrupting propertie	es:					
		n endocrine disruptin ct human health.	ng properties					
11.2.2.	Other inf	ormation:						
	-							

SECTION	N 12. Ecologi	cal inform	ation				
12.1.	Toxicity						
Acute (sl toxicity	hort-term)	Dose	Exposure time	e Species	Meth	od Evaluation	Note
Fish		LC <sub>50</sub>	96 hours	-	-	-	-
Crustacea:		EC <sub>50</sub>	48 hours	-	-	-	-
Algae/ac	quatic plants:	IC <sub>50</sub>	72 hours	-	-	-	-
Other organisms		-	-	-	-	-	-
Chronic toxicity	(long-term)	Doza	Exposure time	e Species	Meth	od Evaluation	Note
Fish		LC <sub>50</sub>	96 hours	-	-	-	-
Crustace	ea:	EC <sub>50</sub>	48 hours	-	-	-	-
Algae/ac	quatic plants:	IC <sub>50</sub>	72 hours	-	-	-	-
Other or	ganisms	-	-	-	-	-	-
12.2.	Persistence a	and degrad	ability				
	Abiotic degr	adation					
	Degi	radation ha	lf-lives	Method		Evaluation	Note
Marine water	No info	rmation av	ailable	No information availa	hla	o information ailable	-
Fresh wa	ater No info	rmation av	ailable	No information availa		o information ailable	-



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Air		No ir	nform	ation av	ailable	No ir	nformation av	ailable	No informati available	on	-	
Soil		No ir	nform	ation av	ailable	No ir	No information available No informati available		on	-		
	Biod	degrad	datio	า								
% Degr				Time (d	avs)		Method		Evaluation		Note	
No infor available	rmatio	n	No in availa	formatio	· ·		nformation	No ir availa	nformation	-		
12.3.				e poten partitior		ent (log I	(ow)					
Value	e	Con	centr	ation	pН	°C	Methoo	ł	Evaluation		Note	
No informat available		No ir availa	nform able	ation	-	-	No informat available	ion	No information available	n -		
	Biod	concei	ntrati	on Facto	or (BCF)							
Va	lue			Specie	es		Method		Evaluation		Note	
No infor available			No in availa	formatio		No information available			information ailable	-		
	Chro	onic e	cotox	kicity								
	Value			Dose	Exposu	ire time	Species		Method	Evaluatio n	Note	e
Chronic	toxici	ty on	fish	LC <sub>50</sub>	No informa availab		No information available		information ailable	No informati on available	-	
Chronic toxicity on crustacea (Daphnia)		)	EC <sub>50</sub>	No informa availab		No information available		information ailable	No informati on available	-		



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12.4.	Mot	oility in s	soil				
	Kno	wn or p	redicted distrib	ution in environme	ental compartme	ents:	
	Curf	ace tens	-ion:				
		alue	°C	Concentratio	n Me	ethod	Note
	No info	rmatio vailable	No information available	No information available			-
	Ads	orption	/ desorption				
Transpo	Adsorption / desorption A/D coefficient Henry's constant		coefficient	log Kow	Evaporation rate	Metho	d Note
Soil-wat	ter	No info availab	ormation le	No information available	No information available	No informati available	on -
Water-air No info		ormation le	No information available	No information available	No informati available	on -	
Soil-air		No info availab	ormation le	No information available	No information available	No informati available	on -
12.5.	This	substar					rsistent, bioaccumulative of 0.1% or higher.
12.6.	Ende	ocrine d	isrupting prop	erties			
	prop	perties a	iccording to RE		r Commission D	elegated regula	docrine disrupting ation (EU) 2017/2100 or
12.7.	Oth	er adver	se effects				
	No i	informat	tion available				
SECTIO	N 13	Dispos	al consideratio	ons			



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13.1.1.		/Packaging disposal						
	Submit Protecti	-	egal person authorized by t	he Ministry of Environment	al and Nature			
	Hoteet							
13.1.2.	Waste o	codes/waste designa	tions according to Law:					
			ording to official regulation	IS.				
	i		<b>J</b>					
13.1.3.	Waste t	reatment – relevant						
	No info	rmation available						
13.1.4.	Sewage	disposal – relevant	information:					
	Waste r	Waste must not be disposed of into the sewage system.						
13.1.5.	Other d	isposal recommenda	ations:					
				ge system. Submit the rema				
	authoriz	zed by the ministry i	n charge. Do not dispose o	f the packaging into the sev				
13.1.6.	authoriz Submit	zed by the ministry in the packaging to the	n charge. Do not dispose o e collectors authorized by t	f the packaging into the sev				
13.1.6.	authoriz Submit	zed by the ministry i	n charge. Do not dispose o e collectors authorized by t	f the packaging into the sev				
13.1.6.	authoriz Submit	zed by the ministry in the packaging to the	n charge. Do not dispose o e collectors authorized by t	f the packaging into the sev				
	authoriz Submit Relevan	zed by the ministry in the packaging to the	n charge. Do not dispose o e collectors authorized by t	f the packaging into the sev				
	authoriz Submit Relevan - I 14. Tran	zed by the ministry in the packaging to the it Community provisi	n charge. Do not dispose o e collectors authorized by t ions:	f the packaging into the sev				
	authoriz Submit Relevan - I 14. Tran Transpor	zed by the ministry in the packaging to the it Community provision sport information	n charge. Do not dispose o e collectors authorized by t ions:	f the packaging into the sev he ministry in charge.				
SECTION UN numb	authoriz Submit Relevan - I 14. Tran Transpor	zed by the ministry in the packaging to the it Community provision sport information ting/shipment by roo	n charge. Do not dispose o e collectors authorized by t ions: ad (ADR)	f the packaging into the sev he ministry in charge.				
SECTION UN numl UN prop	authori: Submit Relevan - I 14. Tran Transpor	zed by the ministry in the packaging to the it Community provisi sport information ting/shipment by roo g name:	n charge. Do not dispose o e collectors authorized by t ions: ad (ADR) Not subject to transport	f the packaging into the sev he ministry in charge.				
SECTION UN numl UN prop	authoriz Submit Relevan - I 14. Tran Transpor Der: er shipping t hazard c	zed by the ministry in the packaging to the it Community provisi sport information ting/shipment by roo g name:	n charge. Do not dispose o e collectors authorized by t ions: ad (ADR) Not subject to transport -	f the packaging into the sev he ministry in charge.				
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SECTION UN numb UN propo Transpor Packing Q Environm	authori: Submit Relevan - I 14. Tran Transpor Der: er shipping t hazard c group:	zed by the ministry in the packaging to the it Community provision sport information ting/shipment by roo g name: lass(es): ards:	n charge. Do not dispose o e collectors authorized by t ions: ad (ADR) Not subject to transport - - -	f the packaging into the sev he ministry in charge.				
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Trade name:		LADEWIG	'S REAGENT		
Product code:	LDWR-OT-X**	Date of compilation:	14 November 2022	Version:	2
	:		1	:	
UN number:		Not subject to transport	regulations		
UN proper shipping	UN proper shipping name:				
Transport hazard class(es):		-			
Packing group:		-			
Environmental haza	Environmental hazards:				
Special precautions for user:		-			
Transport	ting/shipment by sea	(IMDG)			
UN number:		Not subject to transport	regulations		
UN proper shipping	g name:	-			
Transport hazard cl	ass(es):	-			
Packing group:		-			
Environmental haza	ards:	-			
Special precautions	for user:	-			
Transport in bulk a of MARPOL73/78 a	ccording to Annex II nd the IBC code:	-			
Transpor	ting/shipment by air	(ICAO-TI/IATA-DGR)			
UN number:		Not subject to transport	regulations		
UN proper shipping	g name:	-			
Transport hazard cl	ass(es):	-			
Packing group:		-			
Environmental haza	ards:	-			
Special precautions	for user:	-			
Further information	n: -				

SECTIO	N 15. Regulatory info	rmation							
15.1.	Safety, health and en	Safety, health and environmental regulations/legislation specific for the substance or mixture							
	EU regulations								
	Authorisation and/or	restrictions on use							
	Authorisations:	-							
	Restrictions:	-							



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Trade name:	LADEWIG'S REAGENT								
Product code:	LDWR-OT-X**	Date of compilation:	14 November 2022	Version:	2				
	1	•	1						

	Other EU regulations:	<ul> <li>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;</li> <li>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;</li> <li>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;</li> <li>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;</li> <li>REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);</li> </ul>	
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)		
	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act	
15.2.	Chemical safety assessment		
	-		

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



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

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Trade name:		LADEWIG'S REAGENT		
Product code:	LDWR-OT-X**	Date of compilation:	14 November 2022	Version: 2

16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)				
Classification			Classification procedure		
-			-		
16.5.	Relev	vant H statements (nu	mber and full text)		
		302	Harmful if swallowed.		
	H:	312	Harmful in contact with skin.		
		314	Causes severe skin burns and eye damage.		
		315	Causes skin irritation.		
		318	Causes serious eye damage.		
		319	Causes serious eye irritation.		
16.6.	Training advice:		-		
	Further information:		"X" in the product code marks different volumes (different packaging 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