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Trading name:	HEMATOXYLIN G3						
Product code:	HEMG3-OT-X**	Revision date:	03 April 2023	Version:	7		

SECTI	ON 1 IDENTIFICATION	OE THE CUR	TANCE/MI	IXTURE AND OF THE COMPANY/UNDERTAKING	
1.1.	Product identifier	OF THE SOBS	TAIVEL/ IVI	INTOKE AND OF THE COMPANY, ONDERTAKING	
	Trading name:	HEMATOXY	LIN G3		
	Chemical name:	-			
	Catalogue number:	HEMG3-OT			
1.2.		es of the subs	tance or mi	ixture and uses advised against	
	Uses: Hematoxylin according to Gill for nuclear staining.				
	Uses advised against:		Only the i	identified uses are advised.	
	Reason why uses advi	sed against:	uct is intended for use only as an <i>in vitro</i> diagnostic device, registered at the Agency for Medicinal Products and Devices and there is no reason to use it for other purposes		
1.3.	Details of the supplier	of the safety	data sheet		
	Supplier:	Ві	oGnost Ltd		
	Address:	M	edjugorska	59, Zagreb	
	Telephone number:	+.	385 1 2409997		
	Fax no.:	+.	385 1 2404039		
	e-mail of competent p	person: <u>m</u>	sds@biogn	ost.hr	
	National contact:	-			
1.4.	Emergency telephone	number			
	National Protection ar	nd Rescue Dire	ectorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			-	

SECTIO	SECTION 2 HAZARDS INFORMATION						
2.1.	Classification of the substar	Classification of the substance or mixture					
2.1.1.	Classification (REGULATION	(EC) No. 1272/2008	(CLP)				
	Hazard class and ca	Hazard class and category code: Hazard statements*:					
	Acute Tox. 4 H302						
2.1.2.	Additional information						
	-	-					
*For fu	ll text of Hazard- and EU Haza	ard-statements: see S	ection 16				
2.2.	Label elements						
	Product identification: HEMATOXYLIN G3						
	Identification number:	lentification number: -					
	Authorization no.:	-					



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	Hazard pictograms:	GHS07						
	Signal word:	Warning						
	Hazard statements:	H302 Harmful if swallowed.						
	Precautionary statements:	P280 Wear protective gloves/protective clothing/eye/protection/face protection.  P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.						
	Supplemetal hazard information (EU):	-						
2.3.	Other hazards							
	Endocrine Disrupting Prop	erties:						
	No known endocrine disrupting properties							
	<b>Results of PBT and vPvB as</b> PBT or a vPvB.	Results of PBT and vPvB assessment: According to the results of its assessment, this substance is not a						

SECTION 3 CO	SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS									
CAS/ EC/ Index no.	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)						
107-21-1/ 203-473-3/ 603-027-00-1	01-2119456816- 28-xxxx	25 - 45 %	ethylene glycol	Acute Tox. 4, H302						

SECTI	ION 4 FIRST AID MEASURES	
4.1.	Description of first aid measu	ıres
	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.



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	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 ai	der:	Treat symptomatically.		
4.2.	Most important symptoms a	nd eff	ects, both acute and delayed		
	Following inhalation:	Inhalation of large amounts of vapors in inadequately ventilated perimeter may cause coughing, sneezing, headache and nausea.			
	Following skin contact:	Slight irritation. After short exposure, resorption effects are not likely. Long term exposure may cause drying, cracking and tingling sensation of skin.			
	Following eye contact:	Direct eye contact may cause slight to moderate irritation, lacrimation a burning sensation. If the symptoms persist, immediately call a physician			
	Following ingestion:	Swallowing may cause irritation of mucosa, tingling sensation in the mou burning sensation; higher levels of concentration may cause nausea, abdominal pain and vomiting. In case of vomiting, aspiration causes coughing, difficult breathing. Higher levels of concentration may cause suffocation.			
4.3.	Indication of any immediate medical attention and special treatment needed				
	-				

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

SECTIO	SECTION 6 ACCIDENTAL RELEASE MEASURES				
6.1.	Personal precautions, protective equipment and emergency procedures				
6.1.1.	For non-emergency personnel	For non-emergency personnel			
	Protective equipment:	Use personal protective equipment (see Section 8).			



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	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	see Section 8).		
6.2.	Environmental precautions:			
	Do not dispose of in sewage, Protection and Rescue Directo	drainage system and waterways. In case of large spillage contact National orate (NPRD) on 112.		
6.3.	Methods and material for cor	ntainment and cleaning up		
6.3.1.	Bunding, covering of drains; capping procedures:	Sand or clay barriers.		
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.		
		about personal protective equipment.		
	See Section 13 for informatio	n about containment.		

SECTIO	SECTION 7 HANDLING AN STORAGE					
7.1.	Precautions for safe handling	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 generation:	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 incompat	ibilities				



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	Technical measures and storage conditions:	Keep in tightly closed and upright set containers in a well ventilated storage rooms, and away from sources of heat, sunlight, and other incompatible substances.
	Packaging materials:	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 9).
7.3.	Specific end use(s)	
	Recommendations:	-
	Industrial sector specific solutions:	-

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION								
8.1. Conti	rol para	meters						
Subst	tance		CAS No			Occupational exposure limit values/short term values		ological limit values
					ppm	mg/m³		
Ethylene glyco	ol		107-21	1-1	20/40	52/104	No infor	mation available
Substance name:	_							
EC No:	-		CAS No:	_				
DNEL								
					Industrial			
Route of		Α	cute		Acute	Chron	iic	Chronic
exposure:		effe	ect local	effe	ect systemic	effect lo	ocal	effect systemic
Oral		-		-		-		-
Inhalation		-		-		35 mg/ kg (ethylene gly	col)	
Dermal -			-		-		106 mg/kg (ethylene glycol)	
Critical physical	al paran	neters: s	olubility, fla	mmabili	ty, corrosivity:	-		
					Consumer			



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Route of exposure:		Acute effect local	Acut effect sys	~	Chronic effect local	Chronic effect systemic		
Oral		-	-		-	-		
Inhalation		-	-		7 mg/kg (ethylene glycol)	-		
Dermal		-	-	53 mg/kg (ethylene glycol)				
PNEC								
Environme	ental protec	ction target		PNEC				
Fresh wate	er			10 mg/l	(ethylene glycol)			
Freshwate	r sediments	S		37 mg/k	g (ethylene glycol)			
Marine wa	iter			1 mg/l (e	ethylene glycol)			
Marine see	diments			3.7 mg/k	g (ethylene glycol)			
Food chair	n			No infor	mation available			
Microorga	ınisms in se	wage treatment		199.5 mg/l (ethylene glycol)				
Soil (agric	ultural)			1.53 mg/kg (ethylene glycol)				
Air				No information available				
8.2.	Exposure	e controls						
8.2.1.	Engineer	ring measures						
	measure	ce/mixture related s to prevent exposu dentified uses:	ire :	•	n well ventilated rooms. ot eat, drink or smoke in	Use personal protective the workspace.		
	Structura	al measures to preve	ent No info	rmation av	vailable			
		ational measures to exposure:		zation of w work proc	ork in order to reduce o	ther worker's influence		
	Technica exposure	Il measures to prevent se:  Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.			•			
8.2.2.	Personal protection equipment							
8.2.2.1.	Eye and	face protection:	Safety o	Safety glasses that stick to face (preventing splashing) (EN 166) or visor.				
8.2.2.2.	Skin pro	tection						
	Hand pro	otection:	Glove r Glove t	naterial: ni hickness: ≥	e according to standard I trile rubber £0.11 mm ne: >480 min	EN 374.		



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	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	Protective full face mask (EN 136) or half mask (EN 140) equipped with a filter for organic vapors, type "A" (boiling point >65°C) acording to EN 14387) used when concentration levels exceed GVI.		
8.2.2.4.	Thermal hazards:	No inf	No information available		
8.2.3.	Environmental exposure	ure controls			
	Substance/mixture relate measures to prevent exp		See Section 6		
	Structural measures to p exposure:	revent	Use modern equipment.		
	prevent exposure: v		Adapt the work process to the required working conditions of the workplace.		
			See Section 6		

.1.	Information on basic physical and che	mical properties	
		Value	Method
	Physical state:	liquid	No information available
	Color:	dark 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
	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



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	Particle characteristics:	No information available	No information available
9.2.	Other information		
	-		

SECTIO	SECTION 10 STABILITY AND REACTIVITY						
10.1.	Reactivity:	See subsections 10.3 through 10.5.					
10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using.					
10.3.	Possibility of hazardous reactions:	With strong oxidants, sodium-hydroxide, sulfuric acid, aluminum.					
10.4.	Conditions to avoid:	Sources of heat, sparks, and ignition.					
10.5.	Incompatible materials:	Aluminum.					
10.6.	Hazardous decomposition products:	No information available.					

SECTIO	ON 11 TOXIC	OLOGICAL INFORM	ATION			
11.1.	Informatio	n on hazard classes as	s defined in Reg	gulation (EC) No 1272	2/2008	
	Acute toxic	city:				
Route of exposu		Method	Species	Effective dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>mixture</sub>	Exposure time	Results
Oral ex	posure:	anhydrous (ECHA)	rabbit	LD <sub>50</sub>	-	7.712 mg/kg (ethylene glycol)
Dermal exposure:		anhydrous (ECHA)	rat	LD <sub>50</sub>	-	>3.500mg/kg (ethylene glycol)
Inhalation exposure:		No information available	-	LC <sub>50</sub>	-	-
	Specific tar	get organ toxicity – s	ingle evnosure	(STOT SE):		
	Specific tar		fic effects	Target	organ	Note
Oral ex	posure:	No information		No informatio		-
Derma	l exposure:	No information	available	No informatio	n available	_
Inhalat	ion exposure	: No information	available	No informatio	n available	_
	Respiratory	/ irritation:	No info	ormation available		
			:			
	Irritation a	nd corrosion				



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Skin irritation:	-	rabb	it -	-	Slight irritation	ation (ethylene				
Eye irritation:	24 h	rabb	it -	-	Slight irritation glycol)	on (ethylene				
Sensitiz										
Dermal exposure Inhalation exposure:	No information									
Sympto	ms related to the ph	nysical, chemic	al and toxicolog	gical characterist	ics					
Oral exposure:	No informati	ion available	_							
Dermal exposure	e: No informati	ion available								
Inhalation expos	nhalation exposure: No information available									
Eye exposure:	•									
Repeate	ed dose toxicity (sub	acute, subchro	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	-				



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Chronic dermal	No availa	information able	No information available	No information available		No information available	No information available		_	
Chronic inhalation	No availa	information ible	No information available	No information available		No information available	No information available		-	
Specific	target	organ tovicit	y – repeated e	yposuro (SI	OT I	DE).				
Specific	target		pecific effects	•	011	Target orga	an		Note	
Subacute oral			ation available		No i	nformation avai		_	11010	
Subacute derma			ation available			nformation avai		-		
Subacute inhalat			ation available			nformation avai		-		
Subchronic oral		No informa	ation available		No i	nformation avai	lable	-		
Subchronic derm	nal	ation available	on available No i		o information available		-			
Subchronic inhal	ation	No informa	ation available	n available No i		o information available		-		
Chronic oral		No informa	ation available		No i	nformation avai	lable	-		
Chronic dermal	ation available		No i	nformation avai	lable	-				
Chronic inhalation	Chronic inhalation No information				No i	nformation avai	lable	-		
CMR ef	fects (ca	arcinogenicit	y, mutagenicit	y, reproduc	tive t	oxicity)				
Carcino	genicity	<b>y</b> :	Current s	studies on te	test animals did not indicate carcinogenic effects.					
Mutage	nicity <i>ii</i>	n-vitro:	Current	Current in vitro tests did not indicate mutagenic effects.						
Genoto	xicity:		No inform	No information available						
Mutage	nicity <i>ii</i>	n-vivo:	Current	Current in vivo tests did not indicate mutagenic effects.						
Germ ce	ell muta	agenicity:		No information available						
Reprod	uctive t	oxicity:	No toxio organs.	city on rep	rodu	ctive organs w	as dete	ermined in	reproductive	
Summa	ry of ev	aluation of t	he CMR prope	erties: -						
11.2. Informa	tion or	other hazard	ds:							
11.2.1. Endocri	ne disr	upting prope	rties:							
	nown ies that	endocrine affect huma	disrupting n health.							
11.2.2. Other ir	nformat	ions:								
-										



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12.1. Toxic	ity								
Acute (short-toxicity	erm)	Dose	Exposu time	Species	M	lethod	Eva	luation	Note
Fish		LC <sub>50</sub>	96 hour	rs Fish		No ormation vailable		60 mg/l ene glycol)	-
Crustacea:		EC <sub>50</sub>	48 hour	rs water flea		No ormation railable		00 mg/l ene glycol)	_
Algae/aquatic plants		IC <sub>50</sub>	8 days	algae		No ormation railable		3.000 mg/l ene glycol)	_
Microorganisms		LC <sub>50</sub>	72 hour	'S -	-			-	_
Chronic toxicity		Dose	Exposu time	Snaciae	N	lethod	Eva	luation	Note
Fish		LC <sub>50</sub>	96 hour	No informatio available	into	rmation lable	No info availabl	rmation e	-
Crustacea:		EC <sub>50</sub>	48 hour	No informatio available	info	rmation lable	No info availabl	rmation e	_
Algae/aquatic	plants	IC <sub>50</sub>	72 hour	No informatio available	into	rmation lable	No info availabl	rmation e	_
Other organis	ms	-	-	-	-		-		_
		:			*			·	
12.2. Persis	tence a	nd degradal	oility						
Abiot	ic degra	ndation		:					
	Deg	radation hal	f-lives	Method			Evaluat	ion	Note
Marine water		ormation av		No information av	ailable	No info	mation a	vailable	-
Fresh water	•	ormation av		No information av			mation a		-
Air		ormation av		No information av			mation a		-
Soil	No inf	ormation av	ailable	No information av	ailable	No info	mation a	vailable	-
5: 1	1								
i	gradati		,	<b></b>		- ·	•		
% Degradatio		Time (day		Method No information	N	Evaluat o informa		No informat	
available		ilable		available		ailable		available	



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12.3.	Bioac	cumu	lative p	otentia	al								
	Partit	ion co	efficie	nt: n-o	ctanc	l/wate	r (log Ko	ow):		:		:	
Valu	ıe	Con	centra	tion	рН		°C	M	ethod	Evalu	ation	l	Vote
- No info available		inform ble	nation	_	-	_	No info	ormatior le	No inform available	nation	-		
		ncent	tration	factor (									
Value Spec					Method		Evaluation		Note				
No information No ir available available		form	nation No information available		on	No information available		No information available					
	Chroi	nic ec	otoxicit	ty									
	Valu	ıe		Do	se	Exposure time		Species		Method Eva		luation	Note
Chroni	c toxicit	ty on 1	fish	LC <sub>50</sub>		No information available		No information available		No information available	No information available		-
	c toxicit cea ( <i>Da</i>		1	EC <sub>50</sub>		No infori availa	mation able	No infor availa	mation able	No information available	No info	ormation ble	-
12.4.	Mobi	lity in	soil										
				ed distr	ibuti	on in e	nvironm	nental d	compart	ments:			
	No in	ıforma	ation av	/ailable									
	Surfa	ce ten	sion:										
	V	alue		°C		C	oncentra	ition		Method		No	te
	No inforr availa	mation able		ormati ailable	on		informa ilable	tion	No inf availat	ormation ble	-		
	1		<u> </u>			<u> </u>			<u> </u>		<u> </u>		



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	Adsorption / desorption				
Transpo	A/D coefficient rt Henry's constant	log Kow	Evaporation rate	Method	Note
Soil-wate	er No information available	No information available	No information available	No information available	-
Water-ai	No information available	No information available	No information available	No information available	-
Soil-air	No information available	-			
12.5.	Results of PBT and vPvB asses	sment			
	Based on available data, the p		contain any PBT or v	PvB substances.	
			, , , , , , , , , , , , , , , , , , ,		
12.6.	Endocrine disrupting propert	es			
	No known endocrine disrupti		affect the environm	nent.	
		31 1			
12.7.	Other adverse effects				
	No adverse effects are expect	ed.			
i	·				
SECTION	N 13 DISPOSAL CONSIDERA	ΓΙΟΝS			
<b>SECTION</b> 13.1.	Waste treatment methods	<b>TIONS</b>			
		<b>TIONS</b>			
13.1.	Waste treatment methods	l:	rized by the Ministr	y of Environmental	and Nature
13.1.	Product/Packaging disposal Submit for disposal to the I Protection.	l: egal person autho		y of Environmental	and Nature
13.1.	Product/Packaging disposal Submit for disposal to the I Protection.  Waste codes/waste designa	l: egal person autho		y of Environmental	and Nature
13.1. 13.1.1.	Product/Packaging disposal Submit for disposal to the I Protection.	l: egal person autho		y of Environmental	and Nature
13.1. 13.1.1. 13.1.2.	Waste treatment methods  Product/Packaging disposal Submit for disposal to the I Protection.  Waste codes/waste designal No information available	l: egal person autho utions according to		y of Environmental	and Nature
13.1. 13.1.1. 13.1.2.	Waste treatment methods  Product/Packaging disposal Submit for disposal to the I Protection.  Waste codes/waste designal No information available  Waste treatment – relevant	l: egal person autho utions according to		y of Environmental	and Nature
13.1. 13.1.1. 13.1.2.	Waste treatment methods  Product/Packaging disposal Submit for disposal to the I Protection.  Waste codes/waste designal No information available	l: egal person autho utions according to		y of Environmental	and Nature
13.1.	Waste treatment methods  Product/Packaging disposal Submit for disposal to the I Protection.  Waste codes/waste designal No information available  Waste treatment – relevant	l: egal person autho itions according to information:		y of Environmental	and Nature



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13.1.5. Other disposal recommo	endations:
authorized by the minis	roduct's remains into the sewage system. Submit the remains to the collectors try in charge. Do not dispose of the packaging into the sewage system. Submit llectors authorized by the ministry in charge. Do not dispose of in places where
13.1.6. Relevant Community pr	ovisions:
-	
SECTION 14 TRANSPORT INFOR	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	t (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:	



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Trading name:	HEMATOXYLIN G3						
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Special precautions for user:		-		
Transporting/ship	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:		-		
Special precautions for user:		-		
Further information:	The product is not subject to classification.			

15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture			
	EU regulations			
	Authorization and/or rest	rictions of use		
	Authorizations:	-		
	Restrictions:	-		
		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;		
	Other EU regulations:	Directive 2004/42/CE of the European Parliament and of the Council of 21 Apr 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 safet 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 XVII);		



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Trading name:	HEMATOXYLIN G3					
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	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act			
15.2.	Chemical safety assessment				
	None				

SECTIO	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:	-				
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)					
Classifi	ication	Classification procedure				
_		-				
16.5.	. Relevant H statements (number and full text)					
	H: 302	Harmful if swallowed.				
16.6.	Training advice:	-				
16.7.	Further information:	** "X" in the product code marks different volumes (different packagings of the product) We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.				

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**EXPOSURE SCENARIO RESULTING TO CHEMICAL SAFETY ASSESSMENT** 

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