

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

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Trade name:	LUXOL FAST BLUE, SOLUTION				
Product code:	LFB-OT-X**	Date of compilation:	14 Nov 2022	Version:	5

SECT	ION 1: Identification	of the substanc	e/mix	ture and of	the company/undertaking
1.1.	Product identifier				
	Trade name:	LUXOL FAST BL	UE, SO	LUTION	
	Chemical name:	- LFB-OT-X**			
	Catalogue number:				
1.2.	Relevant identified	uses of the substa	ance o	r mixture ar	nd uses advised against
	Uses:			For use w	ith Luxol Fast Blue kit.
	Uses advised again	st:		Only the i	dentified uses are advised.
	Reason why uses a	medical device, registered at the Agency		uct is intended for use only as an <i>in vitro</i> diagnostic evice, registered at the Agency for Medicinal and Medical Devices and there is no reason to use purposes.	
1.3.	Details of the suppl	ier of the safety o	lata sh	eet	
	Supplier:		BioG	ioGnost Ltd.	
	Address:		Medj	Medjugorska 59, Zagreb	
	Telephone number	:	+385	385 1 2409997	
	Telefax:		+385	385 1 2404039	
	E-mail of competer	nt person:	msds	msds@biognost.hr	
	National contact:	-			
1.4.	Emergency telepho	ne numbers			
	National Protection	and Rescue Dire	ctorate	:	112
	Medical information: Other information:			+385 1 2348 342	
				-	

SECTIO	SECTION 2. Hazards identification				
2.1.	Classification of the substance of	or mixture			
2.1.1.	Classification according to Regu	ulation (EC) No	. 1272/2008 (CLP)		
	Hazard class and categor	y code:		Hazard statement*:	
	Flam. Liq. 2 H225				
2.1.2.	Additional information				
	-				
*For fu	ll text of Hazard- and EU Hazard-s	statements: see	e Section 16.		
2.2.	Label elements				
	Product identification:	LUXOL FAST E	BLUE, SOLUTION		
	Identification number:	_			



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	Authorisation number:	-
	Hazard pictograms:	GHS02
	Signal word:	Danger
	Warning statement:	H225 Highly flammable liquid and vapor.
	Precautionary statement:	 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.
	Supplemental hazard information (EU):	-
2.3.	Other hazards	
	Results of PBT and vPvB ass 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	80 - 100 %	ethanol	Flam. Liq. 2; H225		
64-19-7/ 200-580-7/ 607-002-00-6	-	0.2 – 0.5 %	acetic acid, glacial 99%	Flam. Liq. 3; H226 Skin Corr. 1A; H314		

SECT	SECTION 4. First aid measures		
4.1.	Description of first aid measure	s	
	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.	



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	Following skin contact:	Remove all contaminated clothes/footwear. Thoroughly wash with water for at least 15 minutes.		
	Following eye contact:	Rinse the eyes using mild jet of clean water for at least 20 minutes with the eyelids held wide open.		
	Following swallowing:	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 swallowing:	Depending on concentration and exposure time, it may lead to stinging and digestive mucus damage, abdominal pain, nausea, vomiting.		
4.3.	Indication of any immediate med	Indication of any immediate medical attention and special treatment needed		
	No information available			

SECT	SECTION 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Small fire - water spray, dry powder, alcohol-resistant foam, CO2 Large fire - water spray or alcohol-resistant foam			
	Unsuitable extinguishing media:	Water with full jet			
5.2.	Special hazards arising from th	e substance or mixture			
	Hazardous byproducts of fire:	Incomplete combustion of the product.			
5.3.	Advice for firefighters				
	Stay in danger area only with self-contained open-circuit compressed air breathing apparatus and a set for protecting the body from heat dissipation (fireproof clothing).				
5.4.	Additional information				
	Cool endangered receptacles v not contaminate the environment	vith water spray. Collect contaminated fire fighting water separately. Do ent with extinguishing media.			

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures



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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:			
	Self-contained open-circuit con heat dissipation (fireproof cloth	npressed air breathing apparatus, a set for protecting the body from ing).		
6.2.	Environmental precautions:			
	•	prevent further spillage of chemicals. Prevent environmental pollution by nter the sewage system, surface water or groundwater.		
6.3.	Methods and materials for cont	ainment 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:	Sawdust, sand, mineral adsorbents		
6.3.3.	Other information:	Secure proper ventilation. Contact the responsible person; in case of larger spills and possible environmental pollution contact National Protection and Rescue (112). Do not use incompatible materials (see Section 10).		
6.4.	Reference to other sections			
	See Section 7 for information o	n safe handling.		
		n personal protection equipment.		
İ	See Section 13 for disposal information.			

SECTIO	ION 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:				
	Do not eat, drink or smoke in the workspace.	Thoroughly wash hands after work and before eating.			



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7.2.	Conditions for safe storage, including a	ny 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:	-

SECTION 8. Exposure	SECTION 8. Exposure controls/personal protection						
8.1. Control para	meters						
Substance	CAS No		•	exposure limit t term values	Biological limit values		
			ppm	mg/m³			
Ethanol	64-17-	5 1	000/-	1900/-	No information available		
Substance: -							
EC No:	-	CA	CAS No: -				
DNEL							
		Indus	strial				
Route of exposure:	Acute	Acute	e Chronic		Chronic		
Route of exposure.	effect local	effect systemic		effect local	effect systemic		
Oral	-	-	-		-		
Inhalation	1900 mg/m³ (ethanol)	-	-		380 mg/m³ (ethanol)		
Dermal	-	-	-		343 mg/kg (ethanol)		
Critical physical param	eters: solubility, fl	ammability, corro	sivity:	-			
	Consumer						
Route of exposure:	Acute	Acute		Chronic	Chronic		
Route of exposure:	effect local	effect systemic		effect local	effect systemic		



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0 1							07 (1 1 (1 1 1)
Oral		950 mg/m ³	-		-		87 mg/kg bw/day (ethanol)
Inhalatio	on	(ethanol)	-		-		114 mg/m³ (ethanol)
Dermal		-			-		206 mg/kg (ethanol)
PNEC							
Environn	mental prot	tection target		PNEC			
Fresh wa	ater			0.96 mg/l (ethanol)		
Freshwa	ter sedime	nts		3.6 mg/kg	(ethanol)		
Marine v	water			0.79 mg/l (ethanol)		
Marine s	sediments			2.9 mg/kg	(ethanol)		
Food cha	ain			380-720 m	g/kg (ethanol)		
Microorganisms in sewage treatment				580 mg/l (6	ethanol)		
Soil (agr	Soil (agricultural)			0.63 mg/kg (ethanol)			
Air				no informa	tion available		
8.2.	Exposure	e controls					
8.2.1.	Appropr	iate engineering cor	ntrols				
	measure	ce/mixture related is to prevent exposu dentified uses:	re	Do not eat, o		n the wo	rkspace. Use personal
	Structura exposure	al measures to preve e:	ent	No informat	ion available		
		ational measures to exposure:		Organizatior during work	of work in order to reduce other worker's influence process.		
	Technica exposure	al measures to preve e:	nt	See Section	7.2		
8.2.2.	Personal	protection equipme	ent				
8.2.2.1.	Eye and	face protection:	of c	oncentration		gas mas	or visor in case of lower levels sk that covers the entire face n air.
8.2.2.2.	Skin pro	kin protection					
				standard EN	374.		e EU Directive 2016/425/EEC
	Hand pr	otection:		Glove material: nitrile rubber Glove thickness: ≥0.50 mm			
				Break through time: >480 min			
				bieak uiibugii uiile. 2400 IIIII			



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	Other skin protection:	footwear, such as re entire foot. In case impermeable mate	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:	a filter for organic v	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 ava	ailable		
8.2.3.	Environmental exposure co	ontrols			
	Substance/mixture related exposure:	measures to prevent	See Section 6		
	Structural measures to prev	vent exposure:	Use modern equipment.		
	()rganicational 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	I chemical properties	
		Value	Method
	Physical state:	liquid	no information available
	Colour:	blue	no information available
	Odour/odour threshold:	ethanol like/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:	15 °C	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



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	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	SECTION 10.: Stability and reactivity				
10.1.	Reactivity:	The product is stable under normal working and storage conditions.			
10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using.			
10.3.	Possibility of hazardous reactions:	Risk of explosion after contact with strong acids, alkali metals, alkali metal oxides, nitric acid, oxidizing substances.			
10.4.	Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources.			
10.5.	Incompatible materials:	Oxidants, acids, alkali metals.			
10.6.	Hazardous decomposition products:	Non-degradable if used in the described manner.			

SECTION 11. Toxicological information						
Information on hazard classes as defined in Regulation (EC) No 1272/2008						
Acute toxicity:						
Method	Species	Effective Dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	Results		
-	rat	LD ₅₀	-	7.060 mg/kg (ethanol)		
-	rabbit	LD ₅₀	-	>20.000 mg/kg (ethanol)		
n: -	rat	LC ₅₀	4 h (ethanol)	>8.000 mg/l (ethanol)		
	Information on hazard Acute toxicity: Method	Information on hazard classes as defined Acute toxicity: Method Species - rat - rabbit	Information on hazard classes as defined in Regulation (EC) Acute toxicity: Method Species Fiffective Dose LD ₅₀ /LC ₅₀ or ATE _{mixture} - rat LD ₅₀ - rabbit LD ₅₀	Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute toxicity: Method Species Effective Dose LD ₅₀ /LC ₅₀ or ATE _{mixture} rat LD ₅₀ - rabbit LD ₅₀ -		

	Specific effects	Target organ	Note
Oral:	No information available	No information available	-
Dermal:	No information available	No information available	-
Inhalation:	No information available	No information available	-

Aspiration hazard:	No information available



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Irritation ar	nd co	rrosion							
		Exposure 1	time Speci	es	Evaluation	Metho	d Note		
corrosion/irritation		No informatio available	n No info available		No information available	No informatio available	n -		
Serious eye damage/irritation		No informatio available	n No info available		No information available	No informatio available	n -		
Sensitization									
Skin sensitizatio	n:	No informa	ation available						
Respiratory sensitization:			ation available						
		i							
Symptoms re	elated	I to the physic	cal, chemical and to	xicological	characteristics				
Oral exposure: sen		sensation; hi In case of vo	Swallowing may cause irritation of mucosa, tingling sensation in the mouth, 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.						
Dermal exposur	re:	_	light irritation. After short exposure, resorption effects are not likely. Long-term exposure nay cause drying, cracking and tingling sensation of skin.						
Inhalation exposure:			halation of large amounts of vapors in inadequately ventilated perimeter may cause bughing, sneezing, headache and nausea.						
Eye exposure:		Direct eye contact may cause slight to moderate irritation, lacrimation and burning sensation.							
Deposted do	co to	vi situ (sub s sut	to subsbronis sbro	unia)					
Repeated do	se to	Dose	te, subchronic, chro Exposure time	Species	Method	Evaluation	Note		
Subacute oral	No information available		No information available	No information	No	No information available	-		
Subacute dermal		ormation [No information available	No information	No information available	No information available	_		
Subacute inhalation		ormation	No information available	No information	No information available	No information available	-		
Subchronic oral		ormation	No information available	No information	No information available	No information available	_		



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Subchronic dermal	No information available	No information available No information available		No information available	No informatio available	on -
Subchronic inhalation	No information available	No information available No information available		No information available	No informatic available	n -
Chronic oral	No information available	No information available	No information available	No information available	No informatic available	n -
Chronic dermal	No information available	No information available	No information available	No information available	No informatic available	n -
Chronic inhalation	No information available	No information available	No informatior available	No information available	No informatic available	n -
:						
Specific targ	get organ toxicity	- repeated exposure				1
		Specific effects		Target organ		Note
Subacute oral		No information available		No information available		-
Subacute dern	nal	No information available		No information a	-	
Subacute inha		No information available		No information available		-
Subchronic ora	al	No information avail	able	No information available		-
Subchronic de		No information available		No information available		-
Subchronic inhalation		No information avail		No information available		-
		No information avail		No information available		-
Chronic oral		No information available		No information available		_
Chronic oral Chronic derma						
Chronic oral		No information avail		No information a	vailable	-
Chronic oral Chronic derma Chronic inhala	tion	No information avail	able		vailable	-
Chronic oral Chronic derma Chronic inhala	tion (carcinogenicity		able uctive toxicit		vailable	-
Chronic oral Chronic derma Chronic inhala CMR effects Carcinogeni	tion (carcinogenicity city:	No information avail	uctive toxicit	у)	vailable	-
Chronic oral Chronic derma Chronic inhala CMR effects	tion (carcinogenicity city: y in-vitro:	No information avail	uctive toxicit No info No info	y) rmation available	vailable	-
Chronic oral Chronic derma Chronic inhala CMR effects Carcinogeni Mutagenicit	tion (carcinogenicity city: y in-vitro:	No information avail	uctive toxicit No info No info No info	y) rmation available rmation available	vailable	-
Chronic oral Chronic derma Chronic inhala CMR effects Carcinogeni Mutagenicit Genotoxicity Mutagenicit	tion (carcinogenicity city: y in-vitro:	No information avail	uctive toxicit No info No info No info No info No info	y) rmation available rmation available rmation available	vailable	-



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11.2.	Information on other hazards:
11.2.1.	Endocrine disrupting properties:
	No known endocrine disrupting properties that affect human health.
11.2.2.	Other informations:
	-

SECTION 12. Ecological information											
12.1. Toxici	ity										
Acute (short- term) toxicity		Exposure time	Species	Method	Evaluation	Note					
Fish	LC ₅₀	96 hours	Fish	No information available	8.140 mg/l (ethanol)	_					
Crustacea:	EC ₅₀	48 hours	Daphnia magna	No information available	7.800 mg/l (ethanol)	-					
Algae/aquatic plants:	IC ₅₀	72 hours	algae	No information available	5.000 mg/l (ethanol)	-					
Other organisms	_	-	-	-	-	-					
Chronic (long-term) toxicity	Doza	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.	Per	Persistence and degradability									
	Abiotic degradation										
	Degradation half-lives		Method	Evaluation	Note						
Marine water		No information available	No information available	No information available	-						



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Fresh water	No i	nformation a	vailab	le	No information No in available available		information	on -			
Air	No i	information available			No info	ormation ble		nformation	on -		
Soil	No i	No information available		No info	ormation ble		nformation	on _			
Biodegra	dation										
% Degrada		Time (d	ays)		N	/lethod		Evaluatio	n	Note	
-	-			-			-		-		
12.2	D:		44:	_1							
12.3.		cumulative po ol-water part			ant (log l	(ow)					
Value		oncentration	ition (рН	°C	Method		Fyal	uation	Note	
- Value		Oncentiation		- -	-	-		-	-	Note	
								!			
Віосо	ncentra	ation Factor (BCF)								
Value		Spec	ies			Method		Eva	luation	Note)
No information available		No information available			No info	ormation availab	ole	No infor		-	
Chronic e	ecotoxi	city					1			-	
Value		Dose	E	xposure	e time	Species	М	ethod	Evaluation	n Not	te
Chronic toxi on fish	icity	LC ₅₀		inform ailable	ation	No information available		rmation lable	No information available	n -	
Chronic toxicity on crustacea (Daphnia)		EC ₅₀		inform ailable	ation	No information available		rmation lable	No information available	1 -	
12.4. Mo	obility i	n soil									
	own o	r predicted di	stribu	ition in	environr	mental compartr	ments:				



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	Surface tension: Value		°C	Co	ncentration	Me	thod		Note
	No information available		information	No i	nformation lable	No	nation	-	Note
Adso	rption / desorption		1		i				
Transpo	A/D coeffi Henry's cor		log Kov	٧	Evaporatio	n rate	٨	1ethod	Note
Soil-Wa	ter No inf available	ormation	No informa available	ation	No informat available	tion	No in availa	formation ble	-
Water-A	No inf available	ormation	No informa available	ation	No informat available	tion	No in availa	formation ble	-
Soil-Air	No inf available	ormation	No informa available	ation	No information No information available			-	
12.5.	Results of PBT and	vPvB asse	ssment						
	Based on available			s not d	contain any Pl	BT or vF	vB subs	tances.	
12.6.	Endocrine disruptir								
	Based on available	data, does	s not contain	endo	crine disrupto	ors.			
12.7.	Other adverse effe	cts							
12.7.	No adverse effects		ted.						
	1 222	1. 2.2							
SECTIO	N 13. Disposal cons	sideration	s						
13.1.	Waste treatment m	nethods							
13.1.1.	Product/Packagin	•							
	Submit for dispos Protection.	al to the le	egal person a	uthor	ized by the M	linistry (of Enviro	onmental ar	d Nature
13.1.2.	Waste codes/wast	te designa	tions accordi	ing to	Low:				



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13.1.3.	Waste treatment – relevant info	ormation:		
	No information available			
:				
13.1.4.	Sewage disposal – relevant info	ormation:		
	Waste must not be disposed o	f into the sewage system.		
13.1.5.	Other disposal recommendation	ons:		
	authorized by the ministry in cl	's remains into the sewage system. Submit the remains to the collectors harge. Do not dispose of the packaging into the sewage system. Submit sauthorized by the ministry in charge.		
13.1.6.	Relevant Community provision	s:		
	Disposal must be made accord	ling to official regulations.		
SECTION	14. Transport information			
Trans	sporting/shipment by road (ADF	8)		
UN numb	er	1170		
UN prope	er shipping name:	Ethanol solution		
Transport	hazard class(es):	3		
Packing g	roup:	II		
Environm	ental hazards:	No information available		
Special pr	recautions for user:	-		
Trans	sporting/shipment by rail (RID)			
UN numb	er:	1170		
UN prope	er shipping name:	Ethanol solution		
Transport	hazard class(es):	3		
Packing g	roup:	II		
Environm	ental hazards:	No information available		
Special pr	recautions for user:	-		
Trans	sporting/shipment by inland wa	terways (ADN)		
UN numb	er:	1170		
UN proper shipping name:		Ethanol solution		
Transport hazard class(es):		3		
Packing g	roup:	II		
Environm	ental hazards:	No information available		
Special pr	recautions for user:	-		
Trans	sporting/shipment by sea (IMDG	<u> </u>		



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

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Trade name:	LUXOL FAST BLUE, SOLUTION				
Product code:	LFB-OT-X**	Date of compilation:	14 Nov 2022	Version:	5

UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	II
Environmental hazards:	No information available
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:	-
Transporting/shipment by air (ICAO-	TI/IATA-DGR)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	II
Environmental hazards:	No information available
Special precautions for user:	-
Further information:	

SECTIO	DN 15. Regulatory information					
15.1.	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:		LUXOL FAST BLUE, SOL	UTION		
Product code:	LFB-OT-X**	Date of compilation:	14 Nov 2022	Version:	5

	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 guideline)	3 1999/13/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 assess	sment	
	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



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

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Trade name:	LUXOL FAST BLUE, SOLUTION				
Product code:	LFB-OT-X**	Date of compilation:	14 Nov 2022	Version:	5

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)					
Classific	ification Classification procedure		Classification procedure			
-			-			
16.5.	Relev	levant H statements (number and full text)				
		225	Highly flammable liquid and vapour.			
	H:	226	Flammable liquid and vapour.			
		314	Causes severe skin burns and eye damage.			
16.6.	Train	ing advice:	-			
			** "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
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