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Trading name:	FAST GREEN F.C.F., C.I. 42053				
Product code:	FG-P-X**	Revision date:	21 Dec 2022	Version:	3

1.1.	Product identifier			
	Substance name:	FAST GREEN F.C	C.F., C.I. 42053	
	EC No:	219-091-5		
	Synonyms:	Food Green 3, S	olid Green F.C.F., 1724 Green	
	Catalogue number:	FG-P-X**		
	REACH registration number:	-		
	CAS No:	2353-45-9		
	Index no.:	-		
1.2.	Relevant identified uses	of the substance or r	mixture and uses advised against	
	Uses:		For trichrome staining according to Gomori and Masson.	
	Uses advised against:		Only the 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 listed in the Registry of medical devices at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes	
1.3.	Details of the supplier of the safety data sheet			
	Supplier:		BioGnost Ltd.	
	Address:		Medjugorska 59, Zagreb	
	Telephone number:		+385 1 2409997	
	Fax no.:		+385 1 2404039	
	e-mail of competent per	rson:	msds@biognost.hr	
	National contact person:		-	
1.4.	Emergency telephone no	umber		
	National Protection and	Rescue Directorate:	112	
	Medical information:		+385 1 2348 342	
	Other information:		-	

SECTIO	SECTION 2. Hazards identification				
2.1.	Classification of the substance or mixture				
2.1.1.	Classification according to Regulation (EC) No 1272/2008 (CLP)				
	Hazard class and category code: Hazard statements*:				
	Skin Irrit. 2 H315				
	Eye Irrit. 2 H319				
	STOT SE 3 H335				
2.1.2.	Additional information				



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2.2.	Label elements	Label elements		
	Product identification:	FAST GREEN F.C.F., C.I. 42053		
	Identification number:	-		
	Authorisation number:	-		
	Hazard pictograms:	GHS07		
	Signal word:	Warning		
	Hazard statements:	H315 Causes skin irritation.H319 Causes serious eye irritation.H335 May cause respiratory irritation.		
	Precautionary statements:	P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water and soap. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 IF exposed or concerned: Get medical advice/attention P501 Dispose of contents/container to the container approved for waste disposal.		
	Further information:	-		
.3.	Other hazards			
	Endocrine Disrupting Proper No known endocrine disrupting			

SECTION 3.	SECTION 3. Composition/information on ingredients					
CAS No	EC No:	Index no.	Identification name	Weight % content (or range)		
2353-45-9	219-091-5	-	Dihydrogen (ethyl)[4-[4-[ethyl(3-sulphonatobenzyl)amino](4-hydroxy-2-sulphonatobenzhydrylidene]cyclohexa-2,5-dien-1-ylidene](3-sulphonatobenzyl)ammonium, disodium salt	100 %		



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4.1.	Description of first aid mea	asures	
	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 begin rinsing with copious amounts of water for at least 15 min. Seek medical assistance if the symptoms of irritation remain.
	Following eye contact:		Rinse out with plenty of water with the eyelid held wide open using clean fingers. If the symptoms remain, immediately call a physician.
	Following ingestion:		DO NOT induce vomiting. If the afflicted person is unconscious, do not provide them with anything orally. Drink at most two glasses of water. Seek medical assistance.
	Self-protection of the first	aider	-
4.2.	Most important symptoms	and effects, both	acute and delayed
	Following inhalation:	Harmful if inh	aled.
	After skin contact:	Harmful in co	ntact with skin.
	Following eye contact:	Risk of seriou	s damage to eyes.
	Following ingestion:	Harmful if sw	allowed.
4.3.	Indication of any immedia	ate medical attention and special treatment needed	

SECTION	CTION 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Water, foam, dry powder, CO ₂			
	Unsuitable extinguishing media:	-			
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				
	Make sure the water used for extinguish waters system.	Make sure the water used for extinguishing fire does not contaminate water surface or underground waters system.			



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SECTIO	ON 6. Accidental rele	ase measures		
6.1.	Personal precautions, protective equipment and emergency procedures			
6.1.1.	For non-emergency	y personnel		
	Protective equipme	ent:	Use personal protective equipment (see Section 8).	
	Accident preventio	n methods:	Avoid breathing in dust. Avoid touching the substance. Secure proper ventilation.	
	Emergency proced	ures:	Leave the hazardous area, take notice of the emergency procedures.	
6.1.2.	For emergency res	oonders:	·	
	-			
6.2.	Environmental pred	cautions:		
	Do not allow the p	product enter drainage.		
6.3.	Methods and mate	rial for preventing sp	preading and cleaning	
6.3.1.	For creating barriers, covering and sealing:	Cover the drains. Collect, bind and pump out all the spilled material. Take notice of the possible material restriction (see Sections 7 and 10). Collect in dry form. Avoid generation of dust.		
6.3.2.	Cleaning up:	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		
	Indications about v	vaste treatment, see	Section 13.	

SECTIO	ECTION 7. Handling and storage				
7.1.	Precautions for safe handling				
7.1.1.	Protection measures				
	Measures to prevent fire:	Keep away from sources of ignition and heat. Do not use sparkling tools.			
	Measures to prevent aerosol and dust generation: Secure proper ventilation.				
	Environmental precautions:	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 incompa	tibilities			



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			Minimize	dust formation. Avoid	breathing in dust. Avoid			
	Technical measures	and storage conditions		contact with skin, eyes, and clothes. Keep in tightly closed containers.				
	Containers materials	s:	Manufact	turer's original packagi	ng.			
	Requirements for st vessels:	orage rooms and	well vent	Keep in a tightly closed container. Keep in cool, dry and well ventilated space away from non-compatible substances. 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.				
	Advices for storage	equipment:	be resista directly le					
	Further information	on storage conditions:	No inforr	nation available.				
7.3.	Specific end use(s)							
	Recommendations:		-					
	Industrial sector spe	ecific solutions:	-	-				
SECTIO	ON 8. Exposure contro	ols/personal protection	n					
8.1.	Control parameters							
	Substance	CAS No	•	onal exposure limit short term values	Biological limit values			
				-				

SECTION 8. Ex	xposure contro	ols/personal prot	ection				
8.1. Cont	rol parameters						
Subst	Substance		CAS No		•	osure limit m values	Biological limit values
				ppm		mg/m³	
1		-		-		-	-
Does not conta	ain substances	regulated by the p	orofessio	onal exposu	ıre limit	values.	
Substance name:	-						
EC No:	-	CAS No:	-				
DNEL							
			In	dustrial			
Route of exposure:		Acute effect local		Acute effect system		Chronic effect local	Chronic effect systemic
Oral	-			-	-		-
Inhalation	-			-	-		-
Dermal	-			-	-		-
Critical physica	al parameters: s	olubility, flammab	ility, cor	rosivity:			
			Co	nsumer			
Route of exposure:		Acute effect local		Acute effect systemic		Chronic effect local	Chronic effect systemic



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01								
Oral Inhalatio				 				
Dermal	ori		_					
PNEC								
	nental prot	ection target	PNEC					
Fresh wa	•	ection target		tion available				
	ter sedime	nts		tion available				
Marine v				tion available				
	ediments			tion available				
Food cha				tion available				
		sewage treatment		tion available				
Soil (agri				tion available				
Air	<u> </u>		No informa	tion available				
			l .					
8.2.	Exposur	e controls						
8.2.1.	Appropriate engineering controls							
		ce/mixture related moderatified uses:	easures to prevent exposure	Use personal protective equipment. Do not eat, drink or smoke in the workspace.				
	Structur	al measures to prever	nt exposure:	No information available				
	Organis	ational measures to p	revent exposure:		Organization of work in order to reduce other worker's influence during work process.			
	Technica	al measures for preve	nting exposure:	Technical measures and appropriate working operations should be given priority over the use of personal protect equipment.				
8.2.2.	Persona	l protection equipme	nt	i				
8.2.2.1.	Eye and	face protection:	Safety glass visor (EN 16		ce (preventing splashi	ng) or		
8.2.2.2.	Skin pro	tection	<u> </u>					
	Hand pr	Hand protection:		The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374 full contact:				
	, p.			Gloves material: Nitrile rubber Glove thickness: 0.11 mm				
				Break through time:> 480 min				
			splash conta	splash contact:				



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		Gloves material: Nitrile rubber Glove thickness: 0.11 mm Break through time:> 480 min				
	Other skin protection:	In normal circumstances use cotton clothes and adequate footwear, such as rubber boots or shoes that cover the entire foot. In case of spillage risk use clothes made of impermeable material suitable for protection against liquid chemicals (Viton, PVC himex - HRN EN 465) and footwear made of the same material.				
8.2.2.3.	Respiratory protection:	Required when dust are generated. Recommended filter type: Filter P 3 (acc. to DIN 3181) for solid and liquid particles of toxic and very toxic substances.				
8.2.2.4.	Thermal hazards:	-				
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 for preventing exposure:	See Section 6				

9.1.	Information on basic physical and chemical properties						
		Value	Method				
	Physical state:	powder	No information available				
	Colour:	dark green	No information available				
	Odour/odour threshold:	odourless/no information available	No information available				
	Melting point / freezing point:	290 °C	No information available				
	Boiling point or initial boiling point and boiling range:	No information available	No information available				
	Flammability:	No information available	No information available				
	Lover and upper explosion limit:	No information available	No information available				
	Flash point:	No information available	No information available				
	Auto-ignition temperature:	No information available	No information available				
	Decomposition temperature:	No information available	No information available				
	рН:	No information available	No information available				
	Kinematic viscosity:	No information available	No information available				



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	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		
	-		

SECTIO	SECTION 10. Stability and reactivity				
10.1.	Reactivity:	No information available			
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:	Strong oxidizing agents			
10.4.	Conditions to avoid:	No information available			
10.5.	Incompatible materials:	No information available			
10.6.	Hazardous decomposition products:	No information available			

SECTION 11.	Toxicological informa	tion						
11.1. Infor	mation on toxicological effects							
Acut	e toxicity:							
Route of exposure:	Method	Spec	ies	Dose LD ₅₀ /LC ₅₀	Exposure period	Result		
Oral exposure:	No information available	No information a	available	No information available	No informati on available	-		
Skin contact:	No information available	No information available		No information available	No informati on available	-		
Inhaling:	No information available	No information available		No information available	No informati on available	-		
Spec	ific target organ toxicit	y – single exposur	e (STOT SE):					
	Specific e	ffects	Targ	et organ	N	ote		



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Oral exposure:	No information available			No information available		-		
Skin contact:	No informa	tion available		No inform	nation available	-		
Inhaling: No information available				No inform	nation available	-		
Aspira	ation hazard:		No info	rmation av	ailable			
:								
Irritat	ion and corre	osion				i	i	
		Exposure tir	me	Specie	s Evaluatio	n Method	d Not	e
Skin corrosion/irrita	tion:	nformation avai	ilable	No informatio available	on -	No informat on available	intorma	
Serious eye damage/irritati	on No i	No information available		No informatio available	on -	No informat on available	ıntorma	
÷								
Sensi	tization							
Skin contact:	No info	rmation availab	ole					
Inhaling:	No info	rmation availab	ole					
				nd toxicolo	gical characteristic	:S		
Oral exposure:		rmation availab						
Skin contact:		rmation availab						
Inhaling:		rmation availab						
Eye contact:	No info	rmation availab	ole					
Dana	-41 -1 4	.; a; t /a a a at.a		-l : -\				
кереа	ateu dose to	cicity (subacute,	SUDCHIONIC,	CHIOTIC)	***	Evalu		
	Dose	Exposure tim	ne	Species	Method	ation	Note	
Subacute oral	No informatio n available	No ir available	nformation	No informatio available	No on information available	No infor mati on avail able	-	
Subacute dermal	No informatio n available	No ir available	nformation	No information available	No information available	No infor mati	-	



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						on avail able	
Subacute inhaling toxicity	No informatio n available	No available	information	No information available	No information available	No infor mati on avail able	-
Subchronic oral	No informatio n available	No available	information	No information available	No information available	No infor mati on avail able	-
Subchronic dermal toxicity	No informatio n available	No available	information	No information available	No information available	No infor mati on avail able	-
Subchronic inhalation	No informatio n available	No available	information	No information available	No information available	No infor mati on avail able	-
Chronic oral	No informatio n available	No available	information	No information available	No information available	No infor mati on avail able	-
Chronic dermal toxicity	No informatio n available	No available	information	No information available	No information available	No infor mati on avail able	-
Chronic inhalation	No informatio n available	No available	information	No information available	No information available	No infor mati on avail able	-



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Specific target orga	an toxicity – repeated expo	sure (STOT RE):		
	Specific effe	cts	Target organ	Note
Subacute oral	No information available		No information available	-
Subacute dermal	No information available		No information available	-
Subacute inhaling toxicity	No information available		No information available	-
Subchronic oral	No information available	,	No information available	-
Subchronic dermal toxicity	No information available	•	No information available	-
Subchronic inhalation	No information available	•	No information available	-
Chronic oral	No information available	•	No information available	-
Chronic dermal toxicity	No information available	•	No information available	-
Chronic inhalation	No information available	•	No information available	-
i	ogenicity, mutagenicity, re	-	-	
Carcinogenicity:		No information		
Mutagenicity in-vitro:	No information			
Genotoxicity:	No information available			
Mutagenicity in-vivo:	No information available			
Germ cell mutagenicity:		No information	n available	
Reproductive toxicity:		No information available		
Summary of eva	aluation of the CMR	No information	n available	



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11.2.	Information on other hazards:
11.2.1.	Endocrine disrupting properties:
	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
11.2.2.	Other informations:
	-

SECTION 12. Ecologic	cal informa	tion				
12.1. Toxicity						
Acute (short-term) toxicity	Dose	Exposure period	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	No informati on available	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	No informati on available	-
Algae/aquatic plants	IC ₅₀	72 hours	No information available	No information available	No informati on available	-
Microorganisms	-	-	-	-	-	-
Chronic (long-term) toxicity	Dose	Exposure period	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	No information available	No information available	No informati on available	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	No informati on available	-
Algae/aquatic plants	IC ₅₀	72 hours	No information available	No information	No informati	-



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					available	on available	
Microorganisr	ns -	-	_		-	-	-
	istence and dec						
Abic	otic degradation						
	Degra	adation half-	·lives		Method	Evaluation	Note
Marine water	No information	on available		No informat	ion available	No informati on available	-
Fresh water	No information available			No informat	No information available		_
Air	No information	ation available No info		No informat	ion available	No informati on available	-
Soil	No information	on available		No informat	ion available	No informati on available	-
Biod	legradation						
% Degradation		Time (days)		Method	Evaluation	N	ote
No information No information available available			No information available	No information available	-		
12.2							
	ccumulative po		water (la	r Kow):			
Parti	ition coefficient	. n-octanol/\	water (log	j KOW):			
Value	on	рН	°C	Method	Evaluation	P	Note
No information available	No information available	-	-	No information available	No information available	No inform available	nation



Trading name:

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

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Bioc	oncentra	tion factor (BC	:F)				
Value		Species		Method	Evaluation	N	ote
No informatio available		o information ailable	No ir availa	nformation able	No information available	No informa available	tion
Chrc	onic ecot	oxicity	·				
Va	lue	Dose	Exposure period	Specie	es Method	Evaluation	Note
Chronic toxici	ty on fish	LC ₅₀	No information available	No informati available	on -	-	-
Chronic toxici crustacea (Da _l	-	EC ₅₀	No information available	No informati available	on -	-	_
No i		on available	ution in enviro	nmental compa	artments:		
		on:	°C	Concentr	atio Method	N	ote
No info				No informati available	No		
Adso	orption /	desorption	1		i		
Transport	-	A/D coefficient Henry's constant		Evaporation	rate Method	N	ote
Soil-water	No info	ormation le	No information available	No informati available	on No information available	-	
Water-air	No info	ormation No No information No information available information		-			



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			available		available		
Soil-air		No information available	No information available	No information available	No information available	-	
12.5.	Results	s of PBT and vPvB ass	essment				
	No info	ormation available					
12.6.	Endocr	rine disrupting prope	rties				
	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.						
12.7.	Other adverse effects						
	No information available						

SECTION	13. Disposal considerations
13.1.	Waste treatment methods
13.1.1.	Product/Packaging disposal:
	Submit for disposal to the legal person authorized by the Ministry of Environmental and Nature Protection.
13.1.2.	Waste codes/waste designations according to Law:
	No information available
13.1.3.	Waste treatment – relevant information:
	No information available
13.1.4.	Sewage disposal – relevant information:
	Waste must not be disposed of into the sewage system.
13.1.5.	Other disposal recommendations:
	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. Do not dispose of in places where ignition may occur.
13.1.6.	Relevant Community provisions:
	-

SECTION 14. Transport information



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Transporting/shipment by road (ADR)	
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazard(s):	-
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:	-
Environmental hazard(s):	-
Special precautions for user:	-
Inland waterway transport (ADN)	
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazard(s):	-
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:	-
Environmental hazard(s):	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	-
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:	-
Environmental hazard(s):	-



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Special precautions for user: -					
Further information:	-				

15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations			
	Authorization and/o	or restrictions 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 Chemical (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC 93/105/EC and 2000/21/EC;		
	Other EU regulations:	Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on th limitation of emissions of volatile organic compounds due to the use of organic solvents i certain paints and varnishes and vehicle refinishing products and amending Directiv 1999/13/EC;		
		Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety c 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 an repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) N 1907/2006;		
		REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);		
	Information accordi guideline)	ing 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, Transport of Hazardous Substances Act		
5.2.	Chemical safety ass	essment		
None				

SECTIO	SECTION 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		



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

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Trading name:	FAST GREEN F.C.F., C.I. 42053				
Product code:	FG-P-X**	Revision date:	21 Dec 2022	Version:	3

		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.	Relevant H statements (number and full tex)		
	315	Causes skin irritation.		
	H: 319	Causes serious eye irritation.		
	335	May cause respiratory irritation.		
16.5.	Training advice:	-		
16.6.	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.		

ANNEX:

Exposure scenario resulting to Chemical safety assessment