

Page 1 of 17

Trade name:		IRON CHLORIDE, SOLUTION						
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4			

1.1.	Product identifier				
	Trading name:	IRON CI	HLORIC	E, SOLUTIC	DN
	Chemical name:	-			
	Product code:	FK-OT->	(**		
1.2.	Relevant identified uses of the substance or m			nce or mixt	cure and uses advised against
	Uses:			For use wi	th Fouchet-Van Gieson kit.
	Uses advised against:			Only the id	dentified 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 supplier of the safety data sheet				
	Supplier: Bio		BioGr	oGnost Ltd.	
	Address:		Medji	1edjugorska 59, Zagreb	
	Telephone number:		+385	385 1 2409997	
	Telefax:		+385	385 1 2404039	
	e-mail of competent	person:	<u>msds</u>	sds@biognost.hr	
	National contact:		-		
1.4.	Emergency telephone numbers				
	National Protection a	ınd Rescu	ie Direc	torate:	112
	Medical information:				+385 1 2348 342
	Other information:				-

SECTIO	ON 2. Hazards identification	ı					
2.1.	Classification of the substance or mixture						
2.1.1.	Classification according to Regulation (EC) No 1272/2008 (CLP)						
	Hazard class and ca	Hazard class and category code: Hazard statement*:					
	Skin. Sens. 1		H317				
	Eye Irr. 2		H319				
2.1.2.	Additional information						
	-						
*For the	e full text of H and EUH phras	ses see Section 16					
2.2.	Label elements						
	Product identification:	IRON CHLORI	DE, SOLUTION				
	Identification number:	-					
	Authorisation number:	-					



Page 2 of 17

Trade name:		IRON CHLORIDE, SOLUTION						
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4			

	Hazard pictograms:	GHS07
	Signal word:	Warning
	Hazard statement:	H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.
	Precautionary statement:	P280 Wear protective gloves/protective clothing/eye/protection/face protection. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	Supplemetal hazard information (EU):	-
2.3.	Other hazards	
		ting properties. tains no components considered to be either persistent, bioaccumulative istent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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)			
10025-77-1/ 600-047-2 /	-	10 – 20 %	ferric chloride, hexahydrate	Acute Tox. 4; H302 Skin. Sens. 1; H317 Eye Irr. 2; H319			

SECTIO	SECTION 4. First aid measures					
4.1.	Description of first aid me	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.				
	Following skin contact:	Wash off with soap and plenty of water. If irritation occurs and persists: Get medical advice.				



Page 3 of 17

Trade name:		IRON CHLORIDE, SOLUTION						
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4			

	Following eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs and persists: Get medical advice.		
	Following ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water.		
	Self-protection of the first aider	-		
4.2.	Most important symptom	ns 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 immedia	ate medical attention and special treatment needed		
	Treat symptomatically.			

SECTIO	ON 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Use dry chemical, CO ₂ , 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	bstance 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 compressed air breathing apparatus and fireproof clothing. Cool closed containers exposed to fire with water spray or vapor.				
5.4.	Additional information				
	9	ring due to increase in pressure. Remove sources of heat and nvironment 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 suitable personal protective equipment (see Section 8).				



Page 4 of 17

Trade name:		IRON CHLORIDE, SOLUTION						
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4			

	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 (see Section 8).	case of inadequate ventilation use adequate airways protective equipment		
6.2.	Environmental precautions:			
	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact Nation Protection and Rescue Directorate (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	DN 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. 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 incor	npatibilities	
	Technical measures and storage conditions:	well venti	ightly closed and upright set containers in a lated storage rooms at temperatures rom 15 to 25 °C.
	Packaging materials:	Manufact	urer's original packaging.
	Requirements for storage rooms and vessels:	Keep awa	y from food and drink. Keep the containers osed.



Page 5 of 17

Trade name:		IRON CHLOR	RIDE, SOLUTION		
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4

	Advices for storage	equipment:		must be resistant to	made of hard material; floors chemicals. There must be no ads into sewage system. Secure
	Further information	n on storage conditic	ons:	and do not use emp	used material in the storage room ty containers for storing other ore with incompatible materials
7.3.	Specific end use(s)				
	Recommendations			-	
	Industrial sector sp	ecific solutions:		_	
SECTIO	N 8. EXPOSURE CON	NTROLS / PERSONA	L PROT	ECTION	
8.1.	Control parameters	S			
	Substance	CAS No		ational exposure limit s/short term values	Biological limit values

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION								
8.1. Contro	ol pa	rameter	s					
Substance		CAS No		Occupational values/short	exposure lir t term value:		Biological limit values	
					ppm	mg/m³		
-			1		-	-		-
Substance:	-							
EC No:	-		CAS No:	_				
DNEL								
					Industrial			
Route of exposure:			te effect local	Acute effect systemic		Chronic effect local		Chronic effect systemic
Oral		-		-		-		-
Inhalation		-		-		-		-
Dermal		-		-		-		-
Critical physical	para	meters:	solubility, fla	ammabil	ity, corrosivity:	-		
					Consumer	·		
Route of exposu	ure:		te effect local		ute effect ystemic	Chronic		Chronic effect systemic
Oral		-		-		-		-
Inhalation		-		-		-		-
Dermal		-		-		-		-
PNEC								
Environmental p	orote	ction ta	rget		PNEC			



Fresh water

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

Page 6 of 17

Trade name:		IRON CHLORIDE, SOLUTION				
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4	

No information available

Freshwate	Freshwater sediments Marine water		No information available		
Marine w	rater		No information available		
Marine se	ediments		No information available		
Food cha	in		No information available		
Microorg	anisms in sewage treatment		No information available		
Soil (agrid	cultural)		No information available		
Air			No information available		
8.2.	Exposure controls				
8.2.1.	Appropriate engineering controls	5			
	Substance/mixture related measure to prevent exposure during ident uses:	ified L	Jse personal protective equipment. Do not eat, drink or moke in the workspace.		
	exposure: Organisational measures to prevent		No information available		
			Organization of work in order to reduce other worker's influence during work process.		
	Technical measures to prevent exposure:		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:		afety glasses tested and approved under appropriate tandards such as EN 166(EU).		
8.2.2.2.	Skin protection:				
	Hand protection:		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 the standard EN 374 derived f		
	Other skin protection:	١	No specific protective equipment required.		
8.2.2.3.	Respiratory protection:		Use when overexposure potential. Improper use of espirators is dangerous.		
8.2.2.4.	Thermal hazards:	N	lo information available		
8.2.3.	Environmental exposure controls				
	Substance/mixture related measures to prevent exposure:	See Sec	ction 6		
	Structural measures to prevent exposure:	Use mo	odern equipment.		
	Organisational measures to prevent exposure:	Adapt t workpla	the work process to the required working conditions of the ace.		



Page 7 of 17

Trade name:	IRON CHLORIDE, SOLUTION				
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4

Technical measures to prevent	See Section 6
exposure:	See Seelion 0

	Information on basic physical	and chemical properties	
		Value	Method
	Physical state:	liquid	No information available
	Colour:	yellowish	No information available
	Odour/odour threshold:	characteristic/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 noctanol/water (log value):	No information available	No information available
	Vapour pressure:	No information available	No information available
	Density and/or relative density	No information available	No information available
	Relative vapour density:	No information available	No information available
	Particle characteristics:	No information available	No information available
9.2.	Other information		

SECTIO	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).			



Page 8 of 17

Trade name:	IRON CHLORIDE, SOLUTION				
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4

10.3.	Possibility of hazardous reactions:	No information available.
10.4.	Conditions to avoid:	Contact with incompatible materials and temperature extremes.
10.5.	Incompatible materials:	Strong oxidizers.
10.6.	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. Infor	mation on toxi	cological effe	ects						
Acut	e toxicity:								
Route of exposure:	Met	thod	Spe	ecies	D LD ₅₀ /	ose (LC ₅₀ or	Exposu time		Results
Oral:		rmation lable		_	infor	No mation ilable	_		_
Dermal:		rmation lable		_	No information available		-		_
Inhalation:		rmation lable		_	No information available		-		-
Snor	cific target orga	on toyicity si	inglo o	vnosuro (S	TOT CEV				
Spec	.inc target orga		fic effe	•	101-3L)		et organ		Note
Oral:	No infor	mation availa							
Dermal:	No infor	mation availa	ble					-	
Inhalation:	No infor	mation availa	ble			-		-	
Acni	ration hazard:		-						
Aspi	Tation nazaru.								
Irrita	tion and corro	sion							
:		Exposure ti	ime	Speci	es	Evaluati	on I	Method	Note
Skin corrosion	/irritation:	No inform available	ation	rabbit		_	-		mild skin irritation



Page 9 of 17

No

No

information

information

available

available

No

No

information

information

available

available

Trade name:	IRON CHLORIDE, SOLUTION							
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4			

Trade name:		IRON CHLORIDE, SOLUTION										
Product code:	FK-O	FK-OT-X** Date of		compilation:	14 November	2022	Version:	4				
Springs irritation to avec		No availa	information able	-	-	-	-					
Sensit	ization											
Skin sensitizatio	n: N	lo inform	ation available									
Respiratory sensitization:	N	lo inform	nation available	•								
Sympt	toms relat	ed to ph	ysical, chemica	l, and toxicologi	cal properties							
Oral exposure:		No kno	own specific syr	mptoms.								
Dermal exposure: No kn			nown specific symptoms. May cause skin irritation.									
Inhalation expos	sure:	No kno	own specific syr	mptoms.								
Eye exposure:		No kno	own specific syr	mptoms.								
1												
Repea	ted dose	toxicity (subacute, subc	hronic, chronic)		-						
	Do	se	Exposure time	Species	Method	Evaluation	Note					
Subacute oral	No info		No information available	No information available	No information available	No information available	No informat available					
Subacute dermal	No info		No information available	No information available	No information available	No information available	No informat available					
Subacute inhalation	No info		No information available	No information available	No information available	No information available	No informat available					
Subchronic oral	nronic No information		No information available	No information available	No information available	No information available	No informat available					
Subchronic dermal	No info		No information available	No information available	No information available	No information available	No informat available					

No

No

information

information

available

available

No

No

information

information

available

available

No information

No information

available

available

Subchronic

Chronic oral

inhalation

No

No

information

information

available

available



Page 10 of 17

Trade name:		IRON CHLOF	RIDE, SOLUTION	
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version: 4

Chronic dermal	No information available	No information available	No informati available	ation information informat		No information available	No information available	
Chronic inhalation	No information available	No information available	No informati available		No information available	No information available	No information available	
Spo	ecific target organ to	xicity - repeated	l exposure	(STOT	-RE):			
		Specific ef			Target org	jan	Note	
Subacute ora	ıl N	lo information a		No	information av	ailable	No information available	
Subacute dei	rmal N	lo information a	vailable	No	information av	ailahle	No information available	
Subacute inh	alation	No information available			information av	ailahle	No information available	
Subchronic o	oral N	No information available			information av	ailahle	No information available	
Subchronic d	lermal N	lo information a	o information available N		information av	ailahle	No information available	
Subchronic ir	nhalation N	lo information a	vailable	No information available		ailable		
Chronic oral	٨	lo information a	vailable	No	information av	ailahle	No information available No information available	
Chronic dern	nal N	No information available		No	No information available		No information available No information	
Chronic inha	lation N	lo information a	vailable	No	information av	ailahla 🗀	No information available	
-								
CM	1R effects (carcinoger	nicity, mutageni				1 '6' '		
Ca	rcinogenicity:		Based met.	on a	valiable data, th	e ciassification	n criteria are not	
Mu	utagenicity <i>in-vitro</i> :			Based on available data, the classification criteria are not				
Ge	notoxicity:		met.				n criteria are not	
Ми	utagenicity <i>in-vivo</i> :		met.				n criteria are not	
Ge	rm cell mutagenicity:		met.				n criteria are not	
Re	productive toxicity:		Based met.	on a	vailable data, th	e classification	n criteria are not	



Page 11 of 17

Trade name:				
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version: 4

	Summary of evaluation of the CMR properties: No information available
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. Ecologic	al informa	ition				
12.1. Toxicity						
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	-	-	-	-
Crustacea:	EC ₅₀	48 hours	-	-	-	-
Algae/aquatic plants:	IC ₅₀	72 hours	-	-	-	-
Other organisms	-	-	-	-	-	-
Chronic (long-term) toxicity	Doza	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	-	-	-	-
Crustacea:	EC ₅₀	48 hours	-	-	-	-
Algae/aquatic plants:	IC ₅₀	72 hours	-	-	-	-
Other organisms	-	-	-	-	-	-

12.2. Persistence and degradability Abiotic degradation Degradation half-lives Method **Evaluation** Note Marine No information No information available No information available available water No information available No information No information available Fresh water available No information available No information available No information Air available No information available No information available No information Soil available Biodegradation



Page 12 of 17

Trade name:		IRON CHLORIDE, SOLUTION									
Product code	e: FK-	-OT-X**	D	ate of	compilation:	14	November 2022		•	Version:	4
% Degradat		Time (d		Method			Evaluation			Note	
No informati		No information			nformation		information	-			
available	ava	ilable		avail	able	ava	ilable				
12.3. Bio	accumula	tive potent	tial								
Oct	tanol-wate	er partition	coefficier	nt (log	Kow)						
Value	Concer	ntration	рН	°C	Method		Evaluat	ion		Note	
No	No infor		_	-	No informati	on	No informa	tion	-		
information	available	2			available		available				
available											
Bio	concentra	ation Facto	r (BCF)								
Value		Specie	es		Method		Evaluation			Note	
No informati		informatio	n	No information			lo information)			
available	ava	ilable		avail	able	a	vailable				
Ch	ronic ecot	oxicity									
Valu	10	Dose	Ехро	sure	Species		Method	Evalı	uation	No	to
vaic	16	Dose	tim	ne	Species		Method	Lvait	ation	INO	ie –
			No		No	1	lo	No			
Chronic toxic	city on fish	1 LC ₅₀	informa availab		information	1	nformation	inform		-	
			No	ie	available No		vailable Io	availak No	ле		
Chronic toxic	-	EC ₅₀	informa	ation	information		nformation	inform	ation	-	
crustacea (Da	aphnia)		availab	le	available	a	vailable	availal	ole		
12.4. Mo	bility in so	oil									
Kno	own or pre	edicted dis	tribution i	in envir	onmental com	partr	ments:				
						-					
Sur	face tensi	on.									
	/alue	°C		oncon	tration	N	Method			Note	
	value			Loncen	uauun	I'	vietiiou			NOTE	



Page 13 of 17

Trade name:			IRON CHLORIDE, SOLUTION										
Product	code:	Fk	<-OT-X**	Date of com	pilation:	14 ١	November 20	22	Version:	4			
	No No information n available available		No information available		informa lable	ation	-						
	Ads	orption	/ desorption		1		1		1				
Transpo	ransport A/D coefficient Henry's constant		log Kow	Evapo ra		Metho	od	Note					
Soil-wat	er	No info	information No information		No informa availabl		No informat available	ion	-				
Water-a	No information available		No information available	No informa availabl		No informat available	ion	_					
Soil-air	No information Soil-air available		No information available	No information available		No information available		-					
12.5.	Resu	ılts of P	BT and vPvB as	sessment									
				ntains no compone rsistent and very bi						ve			
12.6.	Endo	ocrine d	lisrupting prop	erties									
	prop	perties a	according to RE	es not contain com ACH Article 57(f) o U) 2018/605 at leve	r Commi	ssion D	elegated regu			or			
12.7.			rse effects										
	No i	nforma	tion available										
SECTIO	N 13	Disnos	al consideration	nns									
13.1.			ment methods										
13.1.1.	Pro	oduct/P	ackaging dispo	sal:									
		bmit for		e legal person auth	norized b	y the M	linistry of Envir	onmen	tal and Nature				
13.1.2.	Wa	aste coc	les/waste desic	nations according	to Law:								



Page 14 of 17

Trade name:	IRON CHLORIDE, SOLUTION								
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4				

	Disposal must be made according to official regulations.				
13.1.3.	Waste treatment – relevant ir	nformation:			
	No information available				
13.1.4.	Sewage disposal – relevant ir	nformation:			
	Waste must not be disposed	of into the sewage system.			
13.1.5.	Other disposal recommendat	tions:			
	authorized by the ministry in	ct's remains into the sewage system. Submit the remains to the collectors charge. Do not dispose of the packaging into the sewage system. collectors authorized by the ministry in charge.			
13.1.6.	Relevant Community provision	ons:			
	-				
SECTION	SECTION 14. Transport information				
	Transporting/shipment by roa	d (ADR)			
UN numb	er:	Not subject to transport regulations			
UN proper shipping name:		-			
Transport hazard class(es):		-			
Packing group:		-			
Environmental hazards:		-			
Special precautions for user:		-			
Transporting/shipment by rail		(RID)			
UN numb	er:	Not subject to transport regulations			
UN prope	r shipping name:	-			
Transport hazard class(es):		-			
Packing group:		-			
Environmental hazards:		-			
Special precautions for user:		-			
Transporting/shipment by inland		nd waterways (ADN)			
UN number:		Not subject to transport regulations			
UN proper shipping name:		-			
Transport hazard class(es):		-			
Packing group:		-			
Environmental hazards:		-			



Page 15 of 17

Trade name:	IRON CHLORIDE, SOLUTION				
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4

Special precautions for user:		-	
Transporting/shipment by sea		IMDG)	
UN number:		Not subject to transport regulations	
UN proper shipping nam	ne:	-	
Transport hazard class(es	s):	-	
Packing group:		-	
Environmental hazards:		-	
Special precautions for u	ıser:	-	
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:		-	
Transporting/s	Transporting/shipment by air (ICAO-TI/IATA-DGR)		
UN number:		Not subject to transport regulations	
UN proper shipping nam	ne:	-	
Transport hazard class(es	s):	-	
Packing group:		-	
Environmental hazards:		-	
Special precautions for user:		-	
Further information: -			

SECTION 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:	-	



Page 16 of 17

Trade name:	IRON CHLORIDE, SOLUTION				
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4

15.2. Chemical safety assessn	nent
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
Information according guideline)	1999/13/EC about limitation of emissions of volatile organic compounds (VOC-
	REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);
	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;
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;

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 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:	Manufacturer's MSDS file.		



Page 17 of 17

Trade name:	IRON CHLORIDE, SOLUTION				
Product code:	FK-OT-X**	Date of compilation:	14 November 2022	Version:	4

16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)			
Classific	Classification		Classification procedure	
_			-	
16.5.	Relevant H statements (nu		mber and full text)	
	H:	302 317 319	Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye irritation.	
16.6.	Trair	ning advice:	-	
16.7.	Further information:		"X" in the product code marks different volumes (different packaging 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

_