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Trading name:	F	ORMALDEHYDE	37% FOR USE IN HIST	OLOGY	
Product code:	F37H-X**	Revision date:	14 November 2022	Version:	5

SECTI	ON 1: Identification of t	the substance/	mixture a	and of the company/undertaking		
1.1.	Product identifier					
	Trading name:	FORMALDEH	IYDE 37%	FOR USE IN HISTOLOGY		
	Chemical name:	-				
	Catalogue number:	F37H-X**	F37H-X**			
1.2.	Relevant identified use	es of the substa	nce or mi	xture and uses advised against		
	Uses:	Uses:		samples fixation.		
	Uses advised against:		Only th	ne 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 and there is no reason to use it for other purposes			
1.3.	Details of the supplier	of the safety d	ata sheet			
	Supplier:		BioGnost Ltd.			
	Address:		Medjugorska 59, Zagreb			
	Telephone number:		+385 1	+385 1 2409 997		
	Fax no.:		+385 1	2404 039		
	e-mail of competent p	erson:	<u>msds@</u>	<u>Þbiognost.hr</u>		
	National contact:		-			
1.4.	Emergency telephone	number				
	National Protection ar	nd Rescue Direc	ctorate:	112		
	Medical information:			+3851 2348-342		
	Other information:	Other information:		-		

SECTIO	ON 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*:				
	Acute Tox. 3	H301			
	Acute Tox. 3 H311				
	Skin Corr. 1B	H314			
	Skin Sens. 1	H317			
	Acute Tox. 3	H331			
	Muta. 2	H341			
	Carc. 1B	H350			
2.1.2.	Additional information				
	-				
*For fu	ll text of Hazard- and EU Hazard-statemen	ts: see Section 16			



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2.2.	Label ele							
		dentification:	FORMA	ALDEHYDE 37%	FOR USE IN HISTOL	DGY		
	Identifica	ition number:	-					
	Authorisa	ation number:	-				•	
	Hazard p	ictograms:	GHS08		GHS05	GHS06		
	Signal word:		Dangei	•				
	Hazard s	tatements:	H301 H311 H331 H314 H317 H341 H350	May cause an	t with skin. I. skin burns and eye c allergic skin reaction ausing genetic defec			
	Precautic	onary statements:	P303+I contam P304 + comfor P305+I	tion. P310 IF SWA R/physician. P361+P353 hinated clothing P340 table for breath P351+P338 s. Remove conta	e gloves/protective ALLOWED: Immediate IF ON SKIN (or hair Rinse skin with wat IF INHALED: Removing. IF IN EYES: Rinse ca act lenses, if present osed or concerned: G	ely contact POISON): Take off immedia er/shower. ve person to fresh a autiously with wate and easy to do. Co	I ately all air and keep r for several ntinue rinsing	
	Supplem informati	etal hazard ion (EU):	-					
2.3.	Other ha	zards						
				•	its considered persis (VPvB) at levels of 0.		tive and toxi	

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)		



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50-00-0/ 200-001-8/ 605-001-00-5	01-21194889 20-0034	953- 34.5 -	- 39.5 %	formaldeh	yde, 37%	Acute To Acute To Skin Corr		
67-56-1/ 200-659-6/ 603-001-00-X	01- 2119433330 44-XXXX	7- 7-10	%	methanol		Flam. Liq. 2; H225 Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 3; H331 STOT SE 1; H370		

SECTI	ON 4. First aid measures	
4.1.	Description of first aid meas	ures
	General notes:	Immediately remove all the contaminated and wet clothes and footwear. The first responder should also take care of self-protection. Toxicity symptoms may occur several hours after the exposure, that is why medical supervision is necessary for at least 48 hours.
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. Gas mask may be removed only after removing contaminated clothes. In case of respiratory arrest, provide artificial respiration (while not exposing the provider). In case of unconsciousness, transport the afflicted person in the lateral position. Seeking medical advice is advised.
	Following skin contact:	Take off immediately all contaminated clothing and footwear. Skin that came into contact with the material must be thoroughly washed using water and soap for skin cleaning for at least 20 minutes.
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open for at least 20 minutes. If the symptoms remain, immediately call in ophthalmologist.
	Following ingestion:	Do not induce vomiting. Rinse the oral cavity, drink at most 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 a	and effects, both acute and delayed
	Following inhalation:	Irritation of the mucous membrane of the nose/throat may occur (burning sensation, urge to sneeze, runny nose). High concentration may cause difficult breathing, coughing fits, chest tightness, headache, vertigo and drowsiness.
	Following skin contact:	Irritation, redness with stinging and pain, skin cracking, rash, swelling, burns, blisters and delayed onset of inflammatory processes may occur.



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	Following	g eye contact:	Depending on concentration and exposure time, mucosa stinging, lacrimation, redness and pain may occur, as well as bleeding, delayed onset of inflammatory processes and permanent eyesight damage.						
	Following	Following ingestion:Depending on concentration and exposure time, it may lead to sting digestive mucus damage, abdominal pain, nausea, vomiting (pos bloody content).							
4.3.	Indicatio	Indication of any immediate medical attention and special treatment needed							
	_								

SECTI	TION 5. Firefighting measures					
5.1.	Extinguishing media					
	Suitable extinguishing media:	water, foam, dry powder, CO_2 , water spray or alcohol resistant foam				
	Unsuitable extinguishing media:	Strong jet of water				
5.2.	Special hazards arising from the substance or mixture					
	Hazardous combustion products:	Formalin solution is not flammable by itself. Gases released from the solution are highly flammable if the solution concentration exceeds 25%. Carbon dioxide and carbon monoxide may form in case of burning, the resulting fumes are heavier than air and may spread along the floor. Explosive mixtures of formaldehyde vapors and air may form during heating and also present danger.				
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, in order to prevent explosion.					
5.4.	Additional information					
		the hazard zone and cool with water. Make sure the water used for contaminate water surface or groundwaters.				

SECTIO	SECTION 6. Accidental release measures			
6.1.	Personal precautions, protective equipment and emergency procedures			
6.1.1.	For non-emergency personnel			
	Protective equipment:	Use personal protective equipment (see Section 8).		
	Accident prevention methods:	Evacuate all non-essential members of staff and those without personal protection vertical to wind direction in order to prevent breathing formaldehyde fumes. Remove all sources of sparks and ignition. Do not smoke.		
	Emergency procedures:	Mark the area using proper signs.		
6.1.2.	For emergency responders:			



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	Wear full gas protective clothes and breathing apparatus. Use appropriate personal protective equipment.				
6.2.	Environmental precautions:				
	Prevent leaking and contamination.	the poured material spreading, as well as underground and sewage waste water			
6.3.	Methods and mater	ial for containment and cleaning up			
6.3.1.	Bunding, covering of drains; capping procedures:	of drains; capping Sand or clay barriers.			
6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using inflammable material (sand, diatomaceous earth or other absorbent material). 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:	Other information: Do not use tools that may cause sparks.			
6.4.	Reference to other sections				
	See Section 7 for information about secure handling. See Section 8 for information about personal protective equipment. See Section 13 for information about containment.				

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. Keep away from sources of heat and ignition. Carry out measures for preventing static electricity.
	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 wash hands after work and before eating.
7.2.	Conditions for safe storage, including any incor	npatibilities
	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.
	Packaging materials:	Manufacturer's original packaging.



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	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)	ons: chemicals. Do not store with incompatible materials
	Recommendations:	-
	Industrial sector specific solutions:	-

8.1.	DN 8. Expos Control pa								
0.1.	Substance	Tameters	CAS	No	Occupation values/sh	•			Biological limit values
					ppm		mg/m ³		5
Formaldehyde 50-00			0-0	0.3/0.6		0.37/0.74	-		
Methanol 67-5		5-1	200/-		260/-	-			
-									
Substa name:	nce -								
EC No: - CAS No		CAS No:	-						
DNEL									
					Industrial	ĺ			
Route	of	A	Acute		Acute		Chronic		Chronic
exposi	ure:	effe	ect local	effect systemic		effect local		al	effect systemic
Oral		-		-		-			-
Inhalation (form 130		0.75 m (forma 130 m (metha	ldehyde) g/m ³	- 130 mg/m ³ (methanol)		0,375 mg/m ³ (formaldehyde) 130 mg/m ³ (methanol)		hanol)	9 mg/m ³ (formaldehyde) 130 mg/m ³ (methanol)
Dermal -			0	5 5 ,		0.037 mg/cm² (formaldehyde)		240 mg/kg t/day (methanol) 20 mg/kg t/day (methanol)	



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		Co	nsume			
Route of exposure:	Acute effect local	Acute effect syste		Chronic effect local	Chronic effect systemic	
Oral	al - 4 mg/kg t/day (methanol)		ау	-	4.1 mg/kg t/day (methanol) 4 mg/kg t/day (methanol)	
Inhalation	- 26 mg/m ³ (methanol)	- 26 mg/m ³ (methanol)		0.1 mg/m ³ (formaldehyde) 26 mg/m ³ (methanol)	3.2 mg/m ³ (formaldehyde) 26 mg/m ³ (methanol)	
Dermal	-	4 mg/kg t/day (methanol)		0.012 mg/cm ² (formaldehyde)	102 mg/kg t/day (formaldehyde) 4 mg/kg t/day (methanol)	
PNEC			T			
Environmental	protection target		PNEC			
Fresh water			0.44 mg/l (formaldehyde) 20.8 mg/l (methanol)			
Freshwater sed	liments		2.3 mg/kg (formaldehyde) 77 mg/kg (methanol)			
Marine water			0.44 mg/l (formaldehyde) 2.08 mg/l (methanol)			
Marine sedime	nts		2.3 mg/kg (formaldehyde) 7.7 mg/kg (methanol)			
Food chain				formation available		
Microorganism	ns in sewage treatment		0.19 mg/l (formaldehyde) 100 mg/l (methanol)			
Soil (agricultur	al)		0.2 mg/kg (formaldehyde) 100 mg/kg (methanol)			
Air			No information available			
			·			
8.2. Ex	posure controls					
8.2.1. Aj	opropriate engineering co	ntrols				
m	Substance/mixture related measures to prevent exposure during identified uses:		Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace.			
	ructural measures to preve posure:	ent No info	ormation	n available.		



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		nisational measures to ent exposure:	Organizatior during work	n of work in order to redu process.	uce other worker	's influence		
		chnical measures to prevent Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.						
8.2.2.	Perso	nal protection equipmen	t					
8.2.2.1.	Eye a	nd face protection:		es that stick to face; prote ce in case of higher level	-			
8.2.2.2.	Skin p	protection						
	Hand	protection:	2016/425/EE Full contact: Glov Glov Time Splash conta Glov Glov	Protective gloves must be according to the EU Directive EU 2016/425/EEC and the EN 374 standard. Full contact: Glove material: nitrile rubber Glove thickness: 0.4 mm Time until perforation: 480 min Splash contact: Glove material: nitrile rubber Glove thickness: 0.2 mm Time until perforation: 60 min				
	Other	r body parts protection:	•	Wear protective suit with long sleeves that protects from chemic and shoes that cover the entire foot.				
8.2.2.3.	Respi	ratory protection:	ABEK. Use r	Use mask that covers the entire face. Recommended filte ABEK. Use respirators and components tested according approved by the standard (EU).				
8.2.2.4.	Thern	nal hazards:	No informat	ion available				
8.2.3.	Enviro	onmental exposure contr	ols					
		ance/mixture related ures to prevent exposure	: See Section	See Section 6				
	Struct expos	tural measures to preven sure:	t Use modern	Use modern equipment.				
	-	nisational measures to ent exposure:	Adapt the w workplace.	work process to the required working conditions of the				
		nical measures to prevent	See Section	6				

SECTIO	SECTION 9. Physical and chemical properties					
9.1.	Information on basic physical and chemical properties					
		Value	Method			
	Physical state:	liquid (20-65°C, 1013 hPa)	No information available			
	Color:	transparent	No information available			



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	Odor (odor threshold):	strong/0.5 ppm	No information available
	Melting point / freezing point;	<-16 °C	No information available
	Boiling point or initial boiling point and boiling temperature range:	> 97 °C at 1013 hPa	No information available
	Flammability	No information available	No information available
	Lower and upper explosiveness levels:	lower: 7 vol.% (formaldehyde) upper: 73 vol % (formaldehyde)	No information available
	Flash point:	62 °C	No information available
	Auto-ignition temperature:	No information available	No information available
	pH:	2.5 - 3.5	No information available
	Kinematic viscosity	2.083 – 2.85 mPas (20°C)	No information available
	Solubility(ies):	max. 550 g/l in water	No information available
	Partition coefficient: n- octanol/water (log Kow):	No information available	No information available
	Vapor pressure:	0.13 kPa (20 °C)	No information available
	Density and/or relative density:	1.07 – 1.13 g/cm ³	No information available
	Relative vapor density:	No information available	No information available
	Particle properties:	No information available	No information available
9.2.	Other information		
	Aqueous solution is not flammak Flashpoint temperature 430 °C (a		d if it is not stabilized using methanol

SECTIO	ECTION 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. Keep away from sources of heat and ignition.			
10.3.	Possibility of hazardous reactions:	Explosion hazard when in contact with: nitric acid, hydrogen peroxide, nitromethane, acids, phenol, nitrogen dioxide Exothermic reactions occur with the following substances: bases, nitrides, polymerization initiators, sodium hydroxide, potassium permanganate, furfuryl alcohol, highly oxidizing agents, perchloric acid with aniline, hydrochloric acid, magnesium carbonate.			
10.4.	Conditions to avoid:	Sources of heat, sparks, ignition, and low temperature.			
10.5.	Incompatible materials:	Highly oxidizing agents, acids, bases and different metals, steel manufactured by melting, copper.			
10.6.	Hazardous decomposition products:	See Section 5.			



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11.1. Informa	tion on danger classe	s as defined by	the Regulation ((EC) 1272/20	800		
Acute to	oxicity:						
Route of exposure:	Method	Species	Effective do LD ₅₀ /LC ₅₀ c ATE _{mixture}	or Expo	sure time	Results	
Oral exposure:	No information available	rat	LD ₅₀		formation ailable	100 mg/kg (formaldehyde) 100 mg/kg (methanol)	
Dermal:	No information available	rabbit	LD ₅₀		formation ailable	300 mg/kg (formaldehyde) 300 mg/kg (methanol)	
Inhalation exposure:	No information available	rat	LC ₅₀		4 h	3 mg/l (formaldehyde) 3 mg/kg (methanol	
Specific	target organ toxicity	– single exposu	re (STOT SE):				
1		Specific effects		Target o	organ	Note	
Oral exposure:	No information a	vailable		No inform available	ation _		
Dermal exposure	No information a	vailable		No information available			
Inhalation exposure:	insomnia and ver	tigo				respiratory system irritation	
Aspirati	on hazard:	poss	ible respiratory s	system irrita	tion		
Irritatio	n and corrosion						
	Exposure time	Species	Evaluation	Method		Note	
		-	-	-	highly co and muci	rrosive to skin surface us	
Skin corrosion/irritatio	on:						



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Dermal exposure	: May cause aller	gic skin reactio	on.					
Inhalation exposure:	Allergic persons	s may display i	rritation.					
Sympto	ms related to the pl	nysical, chemic	al and toxicologica	al characteristic	CS			
Oral exposure: If swallowed it can cause severe burns to mouth and throat, and danger of esophagus and stomach perforation.								
Dermal exposure	• • •		and exposure time as well as burns ar		mpanied by sei	nsation of		
Inhalation exposure:			and exposure time n may cause forma	•		-		
Eye exposure:	Causes serious	eye damage. F	umes may cause la	acrimal irritatic	on (tearing), blir	idness hazard.		
Repeate	d dose toxicity (sub	acute, subchro	onic, chronic)	1	20			
	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	-		
Chronic dermal	No information available	No information available	No information available	No information available	No information available	-		



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Chronic inhalation	No information available	No information available	No info available		No information available	No informatio available	on -		
Specific	target organ toxicit	v – repeated e	vnosure (
opeeme	target organ toxicit	Specific eff	•	<u> </u>	Target org	an	Note		
Subacute oral				Ν	lo information		-		
Subacute dermal	No inf	ormation availa	able	Ν	lo information	available	-		
Subacute inhalati	on No inf	ormation availa	able	Ν	lo information	available	-		
Subchronic oral	No inf	ormation availa	able	Ν	lo information	available	-		
Subchronic derma	al No inf	ormation availa	able	Ν	lo information	available	-		
Subchronic inhala	ormation availa	able	Ν	lo information	available	-			
Chronic oral	ormation available		Ν	lo information	available	-			
Chronic dermal	ormation availa	able	٨	lo information	available	-			
Chronic inhalation	ormation availa	able	М	lo information	available	-			
Carcinog	ects (carcinogenicit jenicity: nicity <i>in-vitro:</i>	y, mutagenicit <u>y</u>	May	cause ca					
Genotox				Probably causes genetic damage.					
	nicity in-vivo:			No information available.					
Germ ce	ll mutagenicity:		No ii	No information available.					
Reprodu	ctive toxicity:		No ii	No information available.					
Summar propertie	y of evaluation es:	of the CN	IR No ii	nformatio	on available				
11.2. Informat	ion on other hazar	ds							
11.2.1. Endocrir	e disruption prope	rties:							
compon disruptic regulatic approva delegate	0	o have endoc o Article 5 ion, assessm micals (REACH 2017/2100 or	7(f), ient,), or						
11.2.2. Other in	formation:								



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According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.

SECTION 12. Eco	logical	l informat	ion					
12.1. Toxicity								
Acute (short-term toxicity	1)	Dose	Exposure time	e Species	Method	Evalua	ition	Note
Fish	L	.C ₅₀	96 hours	Pimephales promelas	-	6.7 m (formald 15.400 (metha	ehyde) mg/l	-
Crustacea:	E	C ₅₀	48 hours	Daphnia magna	-	5.8 m (formald)	-	-
Algae/aquatic pla	nts l	C ₅₀	8 days	algae	-	4.89 r (formald)	0	-
Other organisms	-		-	-	-	-		-
Chronic (long-teri toxicity	m)	Dose	Exposure time	e Species	Method	Evalua	ition	Note
Fish	L	-C ₅₀	96 hours	No information available	No informatio n available	No information available		-
Crustacea:	E	C50	48 hours	No information available	No informatio n available	No information available		-
Algae/aquatic pla	nts l	C ₅₀	72 hours	No information available	No informatio n available	No information available		-
Other organisms	-		-	-	-	-		-
12.2. Persisten	ice and	degradab	ility					
Abiotic d								
	Degr	adation ha	If-lives	Method		lation		Note
Marine water	No info	ormation av	vailable	No information available	No inform available	ation	-	
Fresh water	No info	ormation av	vailable	No information available	No inform available	ation	-	
Air	No info	ormation av	vailable	No information available	No inform available	ation	-	
Soil	No info	ormation av	vailable	No information available	No inform available	ation	-	



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% Degradat	tion	Time (day	/s)	N	1ethod	Εv	aluatior	n		Note
>90%		5 days	days No		No information		No information available		extremely biodegradable	
12.3. Bio	accum	ulative potenti	al							
		coefficient: n-o		er (log K	ow):					
Value		ncentration	pН	°C	Method		Evaluat	ion		Note
- No availa		information	-	_	No information available		informa ilable		No bioa expecte	accumulation ed
	concer	ntration factor								
Value		Spec	ies		Method		Evalu	ation		Note
		No ir available	formation	No inf	ormation availab	ble	No information available		-	
Chr	onic e	cotoxicity								
Valu	ue	Dose	3 .	oosure ime	Species	М	ethod	Evaluation		Note
Chronic toxi fish	city on	LC ₅₀	No infor avail	mation able	No information available	on	ormati ilable	No information available		-
Chronic toxicity on crustacea (Daphnia)			No infor avail	mation able	No information available	info on	No informati on available		mation able	-



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		c	•1 • 1						
			n available						
		ace tensio	°C	Concentration	- Matha			Nat	
		/alue	-	Concentratio	n Metho	Da		Not	e
	NoNoinformationinformationavailableavailable		No informatior available	n No informatio available	No information available				
	Adsc	orption / o	desorption						
Transpo	ort		coefficient v's constant	log Kow	Evaporation rate	Meth	hod		Note
Soil-wa	ter	No available	information	No information available	No information available	No inforr available		-	
Water-a	air	No available	information	No information available	No information available	No information - available		-	
Soil-air	Soil-air No information available			No information available	No information available	No information available		-	
	-								
12.5.			and vPvB asses						
				•	oonents considered tive (VPvB) at levels	•		umulativ	e and toxic
		, or very				01 0.170 01			
12.6.	Endo	ocrine disi	ruption properti	es:					
	Subs Artic	tance/miz le 57(f),	xture does not regulation on	contain compone registration, asses	nts considered to h ssment, approval a	and restric	ting cher		
	deleg	gated Reg	gulation (EU) 20	17/2100 or (EU) 20)18/605 at levels of	0.1% or ab	ove.		
12.7.	Othe	er adverse	effects						
	No ii	nformatio	n available.						
SECTIO	N 13.	Disposal	consideration	s					
13.1.	Wa	aste treati	ment methods						
13.1.1.	Pro	oduct/Pac	kaging disposal	:					
	Wa miz	aste mate x with oth	rial must be dis	oosed of according e. Submit for disp	g to the national ar osal to the legal pe		-	-	



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Trading name:	FORMALDEHYDE 37% FOR USE IN HISTOLOGY									
Product code:	F37H-X**	Revision date:	14 November 2022	Version:	5					

13.1.2.	Waste codes/waste desig	gnations according to Law:						
	15 01 10: packaging that substances	contains residual hazardous substances or is contaminated with hazardous						
13.1.3.	Waste treatment – releva	ant information:						
	No information available							
13.1.4.	Sewage disposal – releva	ant information:						
	Waste must not be dispo	osed of into the sewage system.						
13.1.5.	Other disposal recomme	ndations:						
	authorized by the minist	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.						
13.1.6.	Relevant Community pro	ovisions:						
	Act on Sustainable Wast	e Management.						
SECTIO	N 14. Transport informati	on						
	Transporting/shipment by	road (ADR)						
UN nun	nber:	2209						
UN pro	per shipping name:	Formaldehyde, solution						
Transpo	ort hazard class(es):	8						
Packing	group:	111						
Environ	mentally hazardous:	-						
Special	precautions for user:	-						
	Transporting/shipment by	rail (RID)						
UN nun	nber:	2209						
UN pro	per shipping name:	Formaldehyde, solution						
Transpo	ort hazard class(es):	8						
Packing	group:	111						
Environ	mentally hazardous:	-						
Special	precautions for user:	-						
	Inland waterway transport	(ADN)						
UN nun	nber:	2209						



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Trading name:		FORMALDEHYDE	37% FOR USE IN HIS	TOLOGY						
Product code:	F37H-X**	Revision date:	14 November 2022	Version:	5					
Transport hazard c	lass(es):	8								
Packing group:		III								
Environmentally ha	azardous:	-								
Special precautions	Special precautions for user:									
Transport	ing/shipment by s	ea (IMDG)								
UN number:		2209								
UN proper shippin	g name:	Formaldehyde, so	olution							
Transport hazard c	lass(es):	8	8							
Packing group:		III								
Environmentally ha	azardous:	-								
Special precautions	s for user:	-	-							
Transport	ing/shipment by a	ir (ICAO-TI/IATA-DGR)								
UN number:		2209								
UN proper shippin	g name:	Formaldehyde, so	olution							
Transport hazard c	lass(es):	8								
Packing group:		III								
Environmentally ha	azardous:	-								
Special precautions	s for user:	-								
Further information	n: -									

SECTIO	SECTION 15. Regulatory information			
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture			
	EU regulations			
	Authorization and/or restrictions of use			
	Authorizations: -			
	Restrictions: -			



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Trading name: Product code:		FORMALDEHYDE 37% FOR USE IN HISTOLOGY					
		F37H-X**	Revision date:	14 November 2022	Version:	5	
	Other EU regulations:		 EC Regulation No. 1906/2007 and EC Regulation No. 1272/2008 of the European Parliament and the European Council; The European Commission Regulation No. 453/2006 of 2010 on changes and amendments to the Regulation (EC) No. 1907/2006 of the European Parliament and Council on registration, evaluation, authorization and restriction of chemical substances (REACH); EC Regulation No. 2037/200 of the European Parliament and Council from 29 June 2000 on substances that damage the ozone layer; EC Regulation No. 689/2008 of the European Parliament and Council from 17 June 2008 concerning the export and import of dangerous chemicals; EC Regulation No. 850/2004 of the European Parliament and Council from 29 April 2004 about persistent organic pollutants; Directive 2008/98/EC of the European Parliament and Council of 19 November 2008 on waste and repealing certain Directives 				
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VC guideline)				nds (VOC-		
	National l	egislation:	dangerous substances and on biological limi classification of waste	ation on classification, pac s, Ordinance on occupatic t values, Regulation on ca with a waste catalog and Material safety data shee	onal exposure lin itegories, types a list of hazardou	nit values and is waste,	
15.2.	Chemical	safety assessmer	nt				
	No chemi	cal safety assess	ment in accordance with t	the EU REACH Legislation	was conducted.		

SECTIC	SECTION 16. Other information			
16.1.	Indication of changes:	-		
16.2.	Abbreviations and acronyms:	PBTStable, bioaccumulative and toxicvPvBStrongly stable and strongly bioaccumulative.LD ₅₀ Lethal dose, 50%LC ₅₀ Lethal concentration, 50%STOT-SESpecific target organ toxicity – single exposureIMDGInternational Maritime Dangerous GoodsIATAInternational Air Transport AssociationGHSGlobally Harmonized System of Classification and Labelling of Chemicals		
16.3.	Key literature references and source of data:	Manufacturer's MSDS file		
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)			
Classification according to CLP Classification procedure		Classification procedure		



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Trading name:	FORMALDEHYDE 37% FOR USE IN HISTOLOGY				
Product code:	F37H-X**	Revision date:	14 November 2022	Version:	5

-			-
16.5.	Relevant H statements (num		ber and full text)
		225	Highly flammable liquid and vapor.
		301+311+331	Toxic if swallowed, in contact with skin or if inhaled.
		314	Causes severe skin burns and eye damage
	H:	317	May cause allergic skin reaction.
		341	Suspected of causing genetic defects.
		350	May cause cancer.
		370	Causes damage to organs.
16.6.	Training advice:		-
	16.7. Further information:		** "X" in the product code marks different volumes (different packagings 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