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Trading name:	BOUIN'S SOLUTION				
Product code:	BOU-OT-X**	Revision date:	24.05.2019.	Version:	6

1.1.	Product identifier				
	Trading name:	BOUIN'S SOLUT	ION		
	Chemical name:	_			
	Catalogue number:	BOU-OT-X**			
1.2.	Relevant identified uses	of the substance	e or m	ixture and uses advised against	
	Uses: Fix		Fixativ	ve for use in histopathology.	
	Uses advised against:		Only t	he 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, registered 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:	BioGno	Gnost Ltd.		
	Address:	Medju	djugorska 59, Zagreb		
	Telephone number:	+385 1	85 1 2409997		
	Fax no.:	+385 1	1 2404039		
	e-mail of competent pe	rson: <u>msds@</u>	ds@biognost.hr		
	National contact:				
1.4.	Emergency telephone number				
	National Protection and	Rescue Director	ate:	112	
	Medical information:			+385 1 2348 342	
	Other information:				

2.1.	Classification of the substance or mixture			
2.1.1.	Classification according to (EC) Regulation No	o. 1272/2008 (CLP)		
	Hazard class and category code: Hazard statements*:			
	Acute Tox. 4	H302		
	Acute Tox. 4	H312		
	Skin Irrit. 2	H315		
	Skin. Sens. 1 H317			
	Eye Irrit. 2	H319		
	Acute Tox. 4	H332		
	Carc. 2	H351		
2.1.2.	Additional information			
	-			



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	Label 1272/2008 (CLP)  Product identification:	BOUIN'S SOLUTION
	Identification number:	
	Authorization no.:	
	Hazard pictograms:	GHS07 GHS08
	Signal word:	Danger
	Hazard statements:	<ul> <li>H302 Harmful if swallowed.</li> <li>H312 Harmful in contact with skin</li> <li>H315 Causes skin irritation</li> <li>H317 May cause an allergic skin reaction.</li> <li>H319 Causes serious eye irritation</li> <li>H332 Harmful if inhaled.</li> <li>H351 Suspected of causing cancer</li> </ul>
	Precautionary statements:	P280 Wear protective gloves/protective clothing/eye/protection/face protection.  P301+P330+P331 IF SWALLOWED: rinse mouth. DO NOT induce vomiting.  P302+P352 IF ON SKIN: Wash with plenty of water and soap.  P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  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.
	Further information:	
3.	Other hazards	

SE	SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS					
	CAS/ EC/ Index no.	REACH Registration No	Mass %	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	01-2119488953- 20-XXXX	< 10%	formaldehyde, 37%	Acute Tox. 3; H301 Acute Tox. 3; H311 Skin Corr. 1B; H314 Derm. Sens. 1; H317 Acute Tox. 3; H331 Mutagenicity 2; H341 Carc. 1B; H350
64-19-7/ 200-580-7/ 607-002-00-6	-	< 5 %	acetic acid, glacial	Flam. Liq. 3; H226 Skin Corr. 1A; H314
88-89-1/ 201-865-9/ 609-009-00-X	-	< 2 %	picric acid	Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 3; H331

SECTI	ON 4 FIRST AID MEASURES	
4.1.	Description of first aid measures	
	General notes:	If the suggested first aid measures do not prove sufficient, seek medical attention.
	Following inhalation:	Remove person to fresh air. If breathing stops, immediately apply artificial respiration. If breathing difficulties occur, use emergency breathing apparatus. If the symptoms persist, immediately consult a physician.
	Following skin contact:	Take off immediately all contaminated clothing. Immediately wash with plenty of water and soap for at least 20 minutes. Seek medical assistance if the symptoms of irritation remain.
	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:	Rinse the oral cavity; drink at most 1-2 glasses of water. Do not induce vomiting. 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 ef	fects, 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 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 ingestion:	Depending on concentration and exposure time, it may lead to stinging and digestive mucus damage, abdominal pain, nausea, vomiting (possibly of bloody content).		
4.3.	Indication of any immediate medical attention and special treatment needed			
	-			

SECTIO	ECTION 5 Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Small fire - water spray, dry powder, CO <sub>2</sub> Large fire - water spray or alcohol-resistant foam			
	Unsuitable extinguishing media:	No information available			
5.2.	Special hazards arising from the substance or mixture				
	Hazardous combustion products:	Possible liberation of toxic carbon monoxide and formaldehyde gases due to thermal decomposition (increased temperature). Explosive mixtures of formaldehyde vapors and air 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				
	Remove sources of heat and ignition	n. Do not contaminate the environment with extinguishing media.			

SECTIO	TION 6 ACCIDENTAL RELEASE MEASURES						
6.1.	Personal precautions, protective equipment and emergency procedures						
6.1.1.	For non-emergency personnel	For non-emergency personnel					
	Protective equipment:	Use personal protective equipment (see Section 8).					
	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. Remove all sources of sparks and ignition. Do not smoke.					
	Emergency procedures:	Mark the area using proper signs.					
6.1.2.	For emergency responders:						
	Use protective equipment; in case (see Section 8).	of inadequate ventilation use adequate airways protective equipment					
6.2.	Environmental precautions:						
	Do not dispose of in sewage, drain Protection and Rescue Directorate	age system and waterways. In case of large spillage contact National (NPRD) on 112.					



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6.3.	Methods and material for containment and cleaning up				
6.3.1.	For creating barriers, covering and sealing:	Sand or clay barriers.			
6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using inflammable material (sand, diatomaceous earth, vermiculite). Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and involved materials with water.			
6.3.3.	Other information:	Do not use tools that may cause sparks.			
6.4.	Reference to other sec	tions			
	See Section 7 for information about secure handling.				
	See Section 8 for information about personal protective equipment.				
	See Section 13 for info	rmation about containment.			

SECTIO	DN 7 HANDLING AN 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	n: 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	proughly wash hands after work and before eating.				
7.2.	Conditions for safe storage, including any incom	patibilities				
	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.				
	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.				



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	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:	-

	Indu	strial se	ctor spe	cific solutions:		-				
SECTIO	N 8 F	/DOSIII	PE CON	TROLS/PERSOI	NAI D	POTECTION				
8.1.		rol para		TROES/ FERSOI	VAL F	KOTECTION				
Substance CAS No				Occupational exposure lin			Biological limit values			
						ppm		mg/m³		
Formaldehyde 50-00-0			50-00-0		2		2.5		-	
Acetic	acid, gl	acial		64-19-7		10		25 -		
Substa	nce	-								
EC No:		-		CAS No:	-					
DNEL										
						Industrial				
Route	of		Acute			Acute		Chronic		Chronic
exposi	ure:		et	effect local		fect systemic		effect local		effect systemic
Oral			-		-		-			-
Inhalat	ion		1 mg/ı (forma	m <sup>3</sup> aldehyde)	-			0.5 mg/m³ formaldehyde		9 mg/m <sup>3</sup> (formaldehyde)
Derma	I		-	-				0.037 mg/cm <sup>2</sup> (formaldehyde)		-
Critical	physic	al parar	neters: s	olubility, flamm	ability	, corrosivity:		-		
			T			Consumer				
Route of exposure:		e	Acute ffect local	et	Acute fect systemic		Chronic effect loc		Chronic effect systemic	
Oral		-		-			-		4.1 mg/kg (formaldehyde)	
Inhalation -		-		-		(	0.1 mg/m³ (formaldehyd	e)	3.2 mg/m <sup>3</sup> (formaldehyde)	



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Dermal		-	-		0.012 mg/cm (formaldehyd		120 mg (forma	g/kg ldehyde)
PNEC								
Environme	ental prot	ection target		PNEC				
Fresh wate	er			0.47 mg,	/l (formaldehyde)	)		
Freshwate	er sedimer	nts		2.44 mg,	/kg (formaldehyd	le)		
Marine wa	ater			0.47 mg,	/l (formaldehyde)	)		
Marine se	diments			2.44 mg,	/kg (formaldehyd	le)		
Food chai	n			No infor	mation available			
Microorga	anisms in	sewage treatment		0.19 mg,	/l (formaldehyde)			
Soil (agric	ultural)			0.21 mg/kg (formaldehyde)				
Air				No infor	mation available			
8.2.	Exposure controls							
8.2.1.	Appro	priate engineering control	s					
	measu	ance/mixture related ares to prevent exposure a identified uses:		•	n well ventilated ot eat, drink or sn		•	•
	Structi exposi	ural measures to prevent ure:	No info	rmation a				
	, ,	isational measures to nt exposure:		anization of work in order to reduce other worker's influenceng work process.				
	Techni exposi	ical measures to prevent ure:		ure proper workspace ventilation in order to keep centration levels in air below permitted levels.				
8.2.2.	Persor	nal protection equipment						
8.2.2.1.	Eye an	d face protection:	levels o	f concent	et stick to face (EN ration in air; prote e of higher levels	ective ga	s mask t	hat covers the
8.2.2.2.	Skin p	rotection						
				/EEC and s	must be accordinated the standard EN 374.	ng to the	e EU Dire	ctive
				Glove ma	terial: nitrile rubb	er		
	Hand	protection:			ckness: 0.40 mm			
	ı ıaııu	protection.		Time until perforation: > 480 min				

Splash contact:

Gloves material: polychloroprene

Time until perforation: >240 min

Glove thickness: 0.65 mm



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	Other skin protection:	Wear protective suit with long sleeves (EN 340) that protects from chemicals and shoes that cover the entire foot.
8.2.2.3.	Respiratory protection:	Full face mask (EN 136) or half mask (EN 140) equipped with a recommended "ABEK" filter (EN 14387) used when concentration levels exceed GVI.
8.2.2.4.	Thermal hazards:	No information available
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 to prevent exposure:	See Section 6

.1.	Information on basic physical and chen	nical properties	
		Value	Method
	Physical state:	liquid	No information available
	Color:	yellow	No information available
	Odor:	pungent	No information available
	Odor threshold:	No information available	No information available
	рН:	No information available	No information available
	Melting point / freezing point;	No information available	No information available
	Initial boiling point and boiling range:	No information available	No information available
	Flash point:	No information available	No information available
	Evaporation rate:	No information available	No information available
	Flammability (solid, gas):	No information available	No information available
	Upper/lower flammability or explosive limits:	No information available	No information available
	Vapor pressure:	No information available	No information available
	Vapor density:	No information available	No information available
	Relative density:	No information available	No information available
	Bulk density:	No information available	No information available
	Solubility(ies):	No information available	No information available
	Partition coefficient: n-octanol/water (log Kow):	No information available	No information available



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	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	Viscosity:	No information available	No information available
	Explosive properties:	No information available	No information available
	Oxidizing properties:	No information available	No information available
9.2.	Other information		
	-		

SECTIO	SECTION 10 STABILITY AND REACTIVITY			
10.1.	Reactivity:	See subsections 10.3 through 10.5.		
10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using (room temperature).		
10.3.	Possibility of hazardous reactions:	No information available		
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:	Carbon monoxides.		

SECTIO	N 11 TOXICO	LOGICAL INFO	RMATION				
11.1.	Information	on toxicologica	toxicological effects				
	Acute toxicit	ty:					
Route o	-	Method	Species	Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>mix</sub>	Exposure time		Results
Oral exp	oosure:	No information available	rat	LD <sub>50</sub>	No information available	>200 mg/kg (formaldehyde)	
Dermal	exposure:	No information available	rabbit	LD <sub>50</sub>	No information available	>270 mg/kg (formaldehyde)	
Inhalation exposur		No information available	rat	LC <sub>50</sub>	4 h	0.58 mg/l (formaldehyde)	
	Specific targ	et organ toxicity	/ – single expo	sure (STOT SE):			
		Specific effects		Target or	gan	Note	
Oral exp	oosure:	No information	No information available		-		-
Dermal	exposure:	No information	No information available		-		-
Inhalatio	nhalation exposure: No information available					-	



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Aspirati	on hazard:	p	ossible respirato	ory system irritat	ion.	
Irritation	n and corrosion					
:	Ехро	sure time	Species	Evaluation	Method	Note
Skin corrosion/iri	ritation No availabl	information e	-	-	-	Causes skin irritation.
Serious irritation	to eyes: No availabl	information e	-	-	-	Causes serious eye irritation.
Sensitiz	ation					
Dermal exposure	***	allergic skin re	eaction.			
Inhalation exposi	-	rsons may disp				
	;					
Sympto	ms related to the pl	nysical, chemic	cal and toxicolog	ical characteristi	cs	
Oral exposure:  If swallowed it can cause severe burns to mouth and throat, and danger of esophagus and stomach perforation.				sophagus and		
Depending on concentration and exposure time, redness accompanied by sensation of stinging and pain may occur, as well as burns and blistering.				ensation of		
Inhalation exposure:			and exposure ti n may cause for	•		tion, cough, and y tract and may
Eye exposure:		eye damage. I	Fumes may caus	e lacrimal irritati	on (tearing), bli	ndness hazard.
•	:	· ·	•			
Repeate	ed dose toxicity (sub	acute, subchr	onic, chronic)			
	Dose	Exposure time	Species	Method	Evaluation	Note
Subacute oral	No information available	No information available	No information available	No information available	No information available	No information available
Subacute dermal	No information available	No information available	No information available	No information available	No information available	No information available
Subacute nhalation	No information available	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	No information available



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Subchronic dermal	No information available	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	No information available
Chronic oral	No information available	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	No information available
Chronic inhalation	No information available	No information available	No information available	No information available	No information available	No information available

C: C-++	And the second second		CTOT DEV
Specific target organ	toxicity – repeated	exposure	(STOLKE):

	Specific effects	Target organ	Note
Subacute oral	No information available	No information available	No information available
Subacute dermal	No information available	No information available	No information available
Subacute inhalation	No information available	No information available	No information available
Subchronic oral	No information available	No information available	No information available
Subchronic dermal	No information available	No information available	No information available
Subchronic inhalation	No information available	No information available	No information available
Chronic oral	No information available	No information available	No information available
Chronic dermal	No information available	No information available	No information available
Chronic inhalation	No information available	No information available	No information available

Carcinogenicity:	Based on IARC tests conducted on rats, tumors appeared in nose and in pharynx. Other organisms do not yield positive results. If the operator adheres to the personal hygiene rules and uses personal protection list in the exposure scenario, those hazards are non-existent.
Mutagenicity in vitro:	No information available.
Genotoxicity:	No information available.
Mutagenicity in vivo:	No information available.
Germ cell mutagenicity:	No information available.
Reproductive toxicity:	No information available.



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	Summary of evaluation of the CMR properties:	No information available.
11.2.	Practical experiences:	
	Remarks relevant for classification:	No information available
	Other remarks:	No information available
11.3.	General notes:	
	-	

404 - :							
Acute (short-te toxicity		Dose	Exposure time	Species	Method	d Evaluation	Note
Fish		LC <sub>50</sub>	96 hours	Pimephales promelas	-	24.1 – 41 mg/l (formaldehyde)	-
Crustacea:		EC <sub>50</sub>	48 hours	water flea (Daphnia magna)	-	2 mg/l (formaldehyde)	-
Algae/aquatic plants		IC <sub>50</sub>	72 hours	algae	-	2. 5 mg/l (formaldehyde)	-
Other organism	ns	-	-	-	-	-	-
Chronic (long-term) toxicity		Dose	Exposure time	Species	Method	d Evaluation	Note
Fish		LC <sub>50</sub>	96 hours	-	_	No information available	-
Crustacea:		EC <sub>50</sub>	48 hours	-	-	No information available	-
Algae/aquatic	plants	IC <sub>50</sub>	72 hours	-	-	No information available	-
Other organism	ms	-	_	-	-	No information available	-
12.2. Persis	tence a	nd degrada	bility				
Abiot	ic degra	dation					
:	Degr	adation hal	f-lives	Method		Evaluation	Note
Marine water	No inf	ormation av	vailable No	information av	ailable N	No information available	-
Fresh water	No inf	ormation av	vailable No	information av	ailable <b>N</b>	No information available	-
Air No information available		ailable No	No information available		No information available	-	



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Soil	No	informatio	on availa	able N	o inforn	nation availa	able	No informa	tion availa	ble	_
Biode	arad	ation									
% Degradation			e (days)		<b>N</b>	/lethod		Evaluatio	n		Note
No informatio		No inform				ormation	No	information			
available					availak	ole	ava	ilable			
		ulative pot									
		oefficient:									<b></b>
Value No		ncentratio		рН	°C	Metho		Evalu		_	Note
information available		o information ailable		- No information available		uon	n No information available		-		
Bioco	ncen	tration fac	tor (BCF	=)							
Value		S	pecies			Method		Evaluati	on		Note
No informatio available	n	No infori available	information lable		No information available			No information available		-	
Chuo									***************************************		
		otoxicity		Evn	osure		0 0 0 0 0 0 0 0				
Valu	ıe		Dose		me	Species		Method	Evaluati	on	Note
Chronic toxici	ty on	fish L	.C <sub>50</sub>	No inforr availa	mation able	No information	on ir	lo nformation vailable	No informati available		-
Chronic toxicity on crustacea ( <i>Daphnia</i> )		No inforr availa	mation able	No information available	on ir	lo nformation vailable	No informati available		-		
10.4											
12.4. Mobi	ility ir		11								
		productod	distribu	tion in e	nvironn	nental comp	partme	ents:			
	n or	predicted	aistiiba								
Know		nsion:									



13.1.3.

13.1.4.

Waste treatment – relevant information:

Sewage disposal – relevant information:

Waste must not be disposed of into the sewage system.

No information available

#### SAFETY DATA SHEET According to Regulation (EC) No. 1907/2006

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		No No information available available		No information available		No information available		-		
	Ads	orption	/ desorption							
Transpo	ort		/D coefficient enry's constant	log Kow	Ev	Evaporation rate		Met	hod	Note
Soil-wa	iter	No inf	formation ble	No information available		info ailabl	rmation e	No infor available		-
Water-	air	No int	formation ble	No information available	No information			No infor available		-
Soil-air	Soil-air No informa			No information available	No information available			No information available		-
12.5.	Resu	ults of F	PBT and vPvB asse	ssment						
	No i	nforma	ation available							
12.6.	Othe	er adve	rse effects							
	No i	nforma	ation available							
SECTIO	NI 12	DISDO	SAL CONSIDERA	TIONS						
13.1.			eatment methods	110143						
13.1.1.	Pr	oduct/l	Packaging disposa	ıl:						
		ıbmit fo otectio	•	legal person autho	rize	d by t	the Ministr	y of Envirc	nmental	and Nature
12.12										
13.1.2.			3	ations according to contains residual ha			cubetance	c or ic con	taminata	d with hazardous
		bstance		ontains residual H	azai	uous	substance:	3 UI 13 CUII	tarriiriate(	u witti iiazaituuus



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13.1.5.	Other disposal recommendation	ons:				
	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 provisions:					
	-					
SECTIO	N 14 TRANSPORT INFORMATIO	N .				
	Transporting/shipment by road (	ADR)				
UN num	nber:	Not subject to marking regulations.				
UN prop	per shipping name:	-				
Transpo	rt hazard class(es):	-				
Packing	group:	-				
Environr	mentally hazardous:	-				
Special p	precautions for user:	-				
	Transporting/shipment by rail (R	ID)				
UN num	nber:	Not subject to marking regulations.				
UN prop	per shipping name:	-				
Transpo	rt hazard class(es):	-				
Packing	group:	-				
Environr	mentally hazardous:	-				
Special p	precautions for user:	-				
	Inland waterway transport (ADN)					
UN num	nber:	Not subject to marking regulations.				
UN prop	per shipping name:	-				
Transpo	rt hazard class(es):	-				
Packing	group:	-				
Environr	mentally hazardous:	-				
Special p	precautions for user:	-				
	Transporting/shipment by sea (IN	MDG)				
UN num	nber:	Not subject to marking regulations.				
UN prop	per shipping name:	-				
Transpo	rt hazard class(es):	-				
Packing	group:	-				
Environr	mentally hazardous:	-				
Special p	precautions for user:	-				
Transpo	rt in bulk according to Annex II	-				



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of MARPOL 73/78 and the IBC co	de:	
Transporting/shipment b	y air (ICAO-TI/IATA-DGR)	
UN number:	3334	
UN proper shipping name:	Aviation regulated liquid, n.o.s. (formaldehyde)	
Transport hazard class(es):	9	
Packing group:	Ш	
Environmentally hazardous:	None	
Special precautions for user:	-	
Further information: Formaldehyde solutions, nonflammable, containing less than 25% of formaldehyde not adhere to the ADR regulations.		

	ON 15 REGULATORY INFO						
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture						
	EU regulations						
	Authorization and/or rest	rictions of use					
	Authorizations:	-					
	Restrictions:	-					
		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);					
	Other EU regulations:	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 (VOC-guideline)						
	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 assessme	nt					



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SECTIO	ON 16	Other information					
16.1.	Indi	cation of changes:	-				
16.2.	Abbreviations and acronyms:		PBT Stable, bioaccumulative and toxic vPvB Strongly stable and strongly bioaccumulative. LD50 Lethal dose, 50% LC50 Lethal concentration, 50% STOT - SE Specific target organ toxicity - single exposure STOT - RE Specific target organ toxicity - repeated exposure				
16.3.		literature references source of data:	-				
16.4.		ssification and procedure 2/2008 (CLP)	used to derive the classification for mixture according to Regulation (EC)				
Classifi	Classification according to CLP		Classification procedure				
-			-				
16.5.	Relevant H statements (number and full text)						
	H:	H226 H301+H311+H331 H302+H312+H332 H314 H315 H317 H319 H341 H350 H351	Flammable liquid and vapor.  Toxic if swallowed, in contact with skin or if inhaled.  Harmful if swallowed, in contact with skin or if inhaled.  Causes severe skin burns and eye damage  Causes skin irritation.  May cause allergic skin reaction.  Causes serious eye irritation  Suspected of causing genetic defects.  May cause cancer.  Suspected of causing cancer.				
16.6.	Trai	ning advice:	-				
16.7.	Further information:		"X" in the product code marks different volumes (different packagings of the product)  We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.				

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**EXPOSURE SCENARIO RESULTING TO CHEMICAL SAFETY ASSESSMENT** 

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