

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

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Trade name:		EA 50 REAGENT, PAP 3B
Product code:	EA50-OT-X**	Date of compilation: 29 December 2022 Version: 4

1.1.	Product identifier				
	Trade name:	EA 50 REAGEN	T, PAP 3B		
	Chemical name:	-			
	Catalogue number:	EA50-OT-X**			
1.2.	Relevant identified	uses of the subst	ance or m	nixture ar	nd uses advised against
	Uses:			Cytopla	smic staining reagent acc. to Papanicolaou.
	Uses advised agair	nst:		Only th	e 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 supp	lier of the safety o	data sheet	t	
	Supplier:		BioGno	Gnost Ltd.	
	Address:		Medjug	gorska 59, Zagreb	
	Telephone numbe	r:	+385 1 2409997		
	Telefax:		+385 1	1 2404039	
	E-mail of compete	nt person:	msds@biognost.hr		
	National contact:		-		
1.4.	Emergency telephone numbers				
	National Protectio	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 of	or mixture		
2.1.1.	Classification according to Regu	ılation (EC) No	. 1272/2008 (CLP)	
	Hazard class and category	y code:		Hazard statement*:
	Flam. Liq. 2		H225	
2.1.2.	Additional information			
	-	-		
*For fu	III text of Hazard- and EU Hazard-s	tatements: see	Section 16.	
2.2.	Label elements			
	Product identification:	EA 50 REAGEN	NT, PAP 3B	
	Identification number:	-		



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***************************************	Authorisation number:	-	
	Hazard pictograms:	GHS02	
	Signal word:	Danger	
	Hazard statement:	H225 Highly flammable liquid and vapor.	
	Precautionary statement:	 P210 Keep away from heat/sparks/open flames/hot surfaces Do not smoke. P233 Keep container tightly closed. P280 Wear protective gloves/protective clothing/eye/protection/face protection. 	
	Supplemental hazard information (EU):	-	
2.3.	Other hazards		
	Endocrine Disrupting Prope		
	No known endocrine disrupting properties Results of PBT and vPvB assessment : According to the results of its assessment, this substance is not a PBT or a vPvB.		

SECTION 3. Co	SECTION 3. Composition/information on ingredients				
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)	
64-17-5/ 200-578-6/ 603-002-00-5	01-2119457610-43- 0147	70 – 90 %	ethanol	Flam. Liq. 2; H225	
107-21-1/ 203-473-3/ 603-027-00-1	-	15-25%	ethylene glycol	Acute Tox. 4; H302	

SECT	SECTION 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:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. In case of difficult breathing, provide the afflicted person with oxygen.	



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	Following skin contact:	Remove all contaminated clothes/footwear. Thoroughly wash with water for at least 15 minutes.	
	Following eye contact:	Rinse the eyes using mild jet of clean water for at least 20 minutes with the eyelids held wide open.	
	Following swallowing:	Rinse the mouth thoroughly with 1-2 glasses of water. Immediately consult a physician and show the container or label. In case of swallowing large quantities, transport the afflicted person to the hospital.	
	Self-protection of the first aider	-	
4.2.	Most important symptoms and effects, both acute and delayed		
	Following inhalation:	Depending on concentration and exposure time, it may lead to mucosa irritation, cough, and dyspnea.	
	Following skin contact:	Depending on concentration and exposure time, it may lead to irritation, rash, skin drying and skin cracking.	
	Following eye contact:	Depending on concentration and exposure time, it may lead to irritation, tearing, redness and pain.	
	Following swallowing:	Depending on concentration and exposure time, it may lead to stinging and digestive mucus damage, abdominal pain, nausea, vomiting.	
4.3.	Indication of any immediate med	ical attention and special treatment needed	
	No information available		

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

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures



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6.1.1.	For non-emergency personnel		
	Protective equipment:	Use personal protective equipment (see Section 8).	
	Accident prevention methods:	Evacuate members of all non-essential personnel and those members without protective equipment. Avoid breathing vapors and avoid contact with skin and eyes. Do not smoke. Keep away from ignition sources.	
	Emergency procedures:	Mark the area using proper signs.	
6.1.2.	For emergency responders:		
	Self-contained open-circuit con heat dissipation (fireproof cloth	npressed air breathing apparatus, a set for protecting the body from ing).	
6.2.	Environmental precautions:		
	Use sand protective barrier to prevent further spillage of chemicals. Prevent environmental pollution be not allowing the chemicals to enter the sewage system, surface water or groundwater.		
6.3.	Methods and materials for cont	tainment and cleaning up	
6.3.1.	Bunding, covering of drains; capping procedures:	Sand protective barrier or barriers made of similar materials	
6.3.2.	Cleaning up:	Sawdust, sand, mineral adsorbents	
6.3.3.	Other information:	Secure proper ventilation. Contact the responsible person; in case of larger spills and possible environmental pollution contact National Protection and Rescue (112). Do not use incompatible materials (see Section 10).	
6.4.	Reference to other sections		
	See Section 7 for information o	n safe handling.	
	See Section 8 for information on personal protection equipment.		
	See Section 13 for disposal information.		

SECTIO	ON 7. Handling and storage			
7.1.	Precautions for safe handling	Precautions for safe handling		
7.1.1.	Protection measures			
	Measures to prevent fire:	Use in well ventilated storage rooms. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.		
	Measures to prevent aerosol and dust generation:	Secure proper ventilation.		
	Measures to protect the environment:	Prevent spilling into the sewage system and waterways.		
	Other measures:	Protect against electrostatic charges.		
7.1.2.	Advice on general occupational hygiene:			
	Do not eat, drink or smoke in the workspace.	. Thoroughly wash hands after work and before eating.		



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7.2.	Conditions for safe storage, including a	Conditions for safe storage, including any incompatibilities		
	Technical measures and storage conditions:	Keep in tightly closed and upright set containers in a well ventilated storage rooms at temperatures ranging from 15 to 25 °C. Protect from heat and direct sunlight.		
	Packaging materials:	Manufacturer's original packaging.		
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.		
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.		
	Further information on storage conditions:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 10).		
7.3.	Specific end use(s)			
	Recommendations:	-		
	Industrial sector specific solutions:	-		

SECTION 8. Exposure controls/personal protection						
8.1. Control para	meters					
Substance CAS N		CAS No		Occupational exposure limit values/short term values		Biological limit values
			р	pm	mg/m³	
Ethanol	64-17	-5	10	00/-	1900/-	No information available
Ethylene glycol	107-21	I - 1	20)/40	52/104	No information available
Substance: -						
EC No:	-	CAS No:				
DNEL						
		Ir	ndustri	al		
Route of exposure:	Acute effect local	Acute effect systemic			Chronic fect local	Chronic effect systemic
Oral	-	-		-		-
Inhalation	on 1900 mg/m³ (ethanol)			35 mg, (ethyle	/ kg ne glycol)	380 mg/m³ (ethanol)
Dermal -		-		-		343 mg/kg (ethanol) 106 mg/kg (ethylene glycol)
Critical physical param	neters: solubility, fl	ammability, c	orrosiv	rity:	-	



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	t code.	A30-01-X		Dute of t	Compliation. 23 L	Pecember 2022 Version. 4
				Consun	ner	
Route o	of exposure:	Acute effect local		Acute ct systemic	Chronic effect local	Chronic effect systemic
Oral		-	-	<u> </u>	-	87 mg/kg bw/day (ethanol)
Inhalatio	on	950 mg/m ³ (ethanol)	-		7 mg/kg (ethylene glycol)	114 mg/m³ (ethanol)
Dermal		-	-		-	206 mg/kg (ethanol) 53 mg/kg (ethylene glycol)
PNEC						
Environ	mental protect	tion target		PNEC		
Fresh wa	ater			960 µg/l (e 10 mg/l (et	thanol) thylene glycol)	
Freshwa	ter sediments			3.6 mg/kg 37 mg/kg	(ethanol) (ethylene glycol)	
Marine	water			790 µg/l (ethanol) 1 mg/l (ethylene glycol)		
Marine s	sediments			2.9 mg/kg (ethanol) 3.7 mg/kg (ethylene glycol)		
Food ch	ain			380-720 mg/kg kg (ethanol)		
Microor	ganisms in sev	wage treatment		580 mg/l (ethanol) 199.5 mg/l (ethylene glycol)		
Soil (agr	ricultural)			0.63 mg/kg (ethanol) 1.53 mg/kg (ethylene glycol)		
Air				no informa	ition available	
	1					
8.2.	Exposure co	ontrols				
8.2.1.	Appropriate	e engineering con	trols			
	•	mixture related o prevent exposur tified uses:	Έ Έ	Do not eat, o		workspace. Use personal
	Structural n exposure:	neasures to preve	nt	No information available		
	Organisational measures to prevent exposure:			Organization of work in order to reduce other worker's influence during work process.		
	Technical mexposure:	neasures to preve	nt	See Section 7.2		
8.2.2.	Personal pr	otection equipme	ent			



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8.2.2.1.	Eye and face protection:	Safety glasses that stick to face (EN 166) or visor in case of lower levels of concentration in air; protective gas mask that covers the entire face in case of higher levels of concentration in air.		
8.2.2.2.	Skin protection			
		Protective gloves must be according to the EU Directive 2016/425/EEC and standard EN 374.		
	Hand protection:	Glove material: nitrile rubber Glove thickness: ≥0.50 mm Break through time: >480 min		
	Other skin protection:	During everyday work use cotton clothing (EN 340) and suitable footwear, such as rubber boots (EN 20345) or shoes that cover the entire foot. In case of spilling hazard, use clothing made of impermeable material suitable for protection from liquid chemicals (Viton, PVC, himex) and footwear made from the same material.		
8.2.2.3.	Respiratory protection:	a filter for organic	mask (EN 136) or half mask (EN 140) equipped with apors, type "A" (boiling point >65°C) acording to en concentration levels exceed GVI.	
8.2.2.4.	Thermal hazards:	No information ava	ilable	
8.2.3.	Environmental exposure cor	ntrols		
	Substance/mixture related r exposure:	measures to prevent	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	

SECTIO	SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES				
9.1.	Information on basic physical and chemical properties				
		Value	Method		
	Physical state:	liquid	no information available		
	Colour:	violet green	no information available		
	Odour/odour threshold:	ethanol like/no information available	no information available		
	Melting point / freezing point:	no information available	no information available		
	Boiling point or initial boiling point and boiling range:	no information available	no information available		
	Flammability:	no information available	no information available		
	Lover and upper explosion limit:	no information available	no information available		
	Flash point:	21°C	no information available		



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	Auto-ignition temperature:	no information available	no information available
	Decomposition temperature:	no information available	no information available
	pH:	5. 2 – 5.7	no information available
	Kinematic viscosity:	no information available	no information available
	Solubility:	no information available	no information available
	Partition coefficient n- octanol/water (log value):	no information available	no information available
	Vapour pressure:	No information available	no information available
	Density and/or relative density:	no information available	no information available
	Relative vapour density:	no information available	no information available
	Particle characteristics:	no information available	no information available
9.2.	Other information		
	-		

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

SECTION 11. Toxicological information										
11.1. Inforn	11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008									
Acute	Acute toxicity:									
Route of exposure:	Method	Species	Effective Dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	Results					
Oral:	No information available	rat	LD ₅₀	-	7.060 mg/kg (ethanol) 7.712 mg/kg (ethylene glycol)					



Dermal exposure:

Inhalation

exposure:

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Dermal: No ir availab		nformation ble	rabbit	LD ₅₀		>20.000 mg (ethanol) - >3.500mg/ (ethylene g		anol) 00mg/kg))
Inhalation:	No i availa	nformation ble	rat	LC ₅₀		4 h (ethanol)	>8.0	00 mg/l (et	hanol)
Specific targe	et orgar	toxicity - sin	gle exposu	ıre (STOT-SE):					
		S	oecific effe	cts	-	Target orgar	1	No	ote
Oral:	No	information	available		No info	ormation ava	ilable	-	
Dermal:	No	information	available		No info	ormation ava	ilable	-	
Inhalation:	No	information	available		No info	ormation ava	ilable	-	
Aspiration h		sion		No info	mation av	railable			
		Exposure tin	ne	Species	Ev	aluation		Method	Note
Skin corrosion/irritat	ion	No information available	No availa	information able	No inforravailable			ormation ailable	-
Serious eye damage/irritatio	on	No information available	No availa	information ble	No inforr available			ormation iilable	-
Sensitization									
Skin sensitizatio	n:	No informati	ion availab	le					
Respiratory sensitization:		No informat	ion availab	le					
Symptoms re	lated to	the physical	, chemical	and toxicologica	al characte	ristics			
Oral exposure:	S	wallowing malensation; high	ay cause irr ner levels o	ritation of mucor of concentration ration causes con	sa, tingling may cause	g sensation in e nausea, ab	dominal	pain and v	omiting.

Slight irritation. After short exposure, resorption effects are not likely. Long-term exposure

Inhalation of large amounts of vapors in inadequately ventilated perimeter may cause

may cause drying, cracking and tingling sensation of skin.

coughing, sneezing, headache and nausea.



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Eye exposure:	sensation	-	use slight to mode	erate irritation, lac	rimation and bur	ning
Repeated do	se toxicity (suba	acute, subchronic	c, 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	-
Subacute dermal	No information available	No information available	No information	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	No information available	No information available	-
Chronic oral	No information available	No information available	No information	No information available	No information available	-
Chronic dermal	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	-
Specific targe	et organ toxicity		osure (STOT-RE):	T		Nat-
Subacute oral		No information	c effects	Target of No information a		Note
Subacute orai	al	No information		No information a		
Subacute inhala		No information		No information a		
Subchronic oral		No information		No information a		



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Subchronic dermal No information availa		No information available	_			
Subchronic inhalation	No information available	No information available	-			
Chronic oral No information availa		No information available	-			
Chronic dermal	No information available	No information available	-			
Chronic inhalation	No information available	No information available	-			
CMR effects (carcinoge	nicity, mutagenicity, reproductiv	ve toxicity)				
Carcinogenicity:		No information available				
Mutagenicity in-vitro:		No information available				
Genotoxicity:		No information available				
Mutagenicity in-vivo:		No information available				
Germ cell mutagenicity	<i>'</i> :	No information available				
Reproductive toxicity:		No information available				
Summary of evaluation	of the CMR properties:	No information available				
11.2. Information on o	other hazards:					
11.2.1. Endocrine disrup	oting properties:					
No known endo	crine disrupting properties that alth.					
11.2.2. Other information	ons:					

SECTION 12. E	SECTION 12. Ecological information											
12.1. Toxici	12.1. Toxicity											
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note						
Fish	LC ₅₀	96 hours	Fish	No information available	8.140 mg/l (ethanol) 72.860 mg/l (ethylene glycol)	-						
Crustacea:	EC ₅₀	48 hours	Daphnia magna	No information available	7.800 mg/l (ethanol) >100 mg/l (ethylene glycol)	-						
Algae/aquatic plants:	IC ₅₀	72 hours	algae	No information available	5.000 mg/l (ethanol) 6.500-13.000 mg/l (ethylene glycol)	-						



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Other organisms	-	-	-	-	-		-	
Chronic (long-term) toxicity	Doza	Exposure time	Species	Method	d Eva	aluation	N	lote
Fish	LC ₅₀	96 hours	No information available	No informa available	tion No infor available		-	
Crustacea:	EC ₅₀	48 hours	No information available	No informa available	tion No infor available		-	
Algae/aquation plants	IC ₅₀	72 hours	No information available	No informa available	tion No infor available		-	
Other organisms	-	-	-	-	-		_	
12.2. Pers	istence and o	degradability						
Abio	tic degradat	ion						
	Degrada	tion half-lives	Meth	nod	Evaluation		Note	
Marine water	No informat	ion available	No informati available		No information available	-		
Fresh water	No informat	ion available	No informati	ion	No information	_		

	Degradation half-lives	Method	Evaluation	Note
Marine water	No information available	No information available	No information available	-
Fresh water	No information available	No information available	No information available	-
Air	No information available	No information available	No information available	-
Soil	No information available	No information available	No information available	_

Biodegradation				
% Degradation	Time (days)	Method	Evaluation	Note
-		-	-	-

12.3.	Bioaccumulative potential								
	Octanol-water partition coefficient (log Kow)								
Value	Concentration p °C Method Evaluation Note								
-									



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	i			i	i	:	;	·		
Bioc	concentr	ation Facto	or (BC	(F)				i		
Value	9	Sį	pecies	; 		Method	Eva	aluation	Note	
No informatio available	on N	No informa	ation a	available	No info	rmation le	No inforn available	nation	-	
Chronic	ecotoxi	city								
Value	e	Dose		Exposur	e time	Species	Method	Evaluation	Note	ڋ
Chronic to on fish	oxicity	LC ₅₀		No info	ormation	No information available	No informat ion availabl e	No information available	-	
Chronic to on crustac (Daphnia)	cea	EC ₅₀		No info available	ormation	No information available	No informat ion availabl e	No information available	-	
12.4. N	Mobility	in soil	•							
	-		d disti	ribution in	environn	nental compartme	ents [.]			
		mation ava								
S	Surface t	ension:								
	Va	lue		°C		Concentration	Meth od	No	te	
No info available		ormation	No avai	info lable	ormation	No information available	No infor matio n availa ble		_	
Adsorni	tion / de	esorption								



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Transport	A/D coefficient Henry's constant	log Kow	Evaporation rate	Method	Note
Soil-Wate	No information available	No information available	No information available	No information available	-
Water-Air	No information available	No information available	No information available	No information available	-
Soil-Air	No information available	No information available	No information available	No information available	-
12.5. F	Results of PBT and vPvB asses	ssment			
	Based on available data, the p	product does not o	contain any PBT or v	PvB substances.	
12.6. E	indocrine disrupting propert	ioc			
	Based on available data, does		ocrine disruptors		
	Other adverse effects	The contain chae	disruptors.		
	No adverse effects are expect	ted.			
!					
SECTION	13. Disposal considerations	5			
13.1. V	Vaste treatment methods				
13.1.1.	Product/Packaging disposal				
	Submit for disposal to the le Protection.	gal person author	ized by the Ministry	of Environmental an	d Nature
13.1.2.	Waste codes/waste designa	tions according to	Low:		
	Packaging that contains resi	dual hazardous su	bstances or is contar	ninated with hazard	ous substance
13.1.3.	Waste treatment – relevant i	nformation:			
	No information available				
13.1.4.	Sewage disposal – relevant i	nformation:			
	Waste must not be disposed	of into the sewag	ge system.		
13.1.5.	Other disposal recommenda	tions:			
	Do not dispose of the produ authorized by the ministry in the packaging to the collect	n charge. Do not d	ispose of the packag	ing into the sewage	



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13.1.6. Relevant Community provisions:					
Disposal must be made accord	ing to official regulations.				
SECTION 14. Transport information					
Transporting/shipment by road (ADR	8)				
UN number	1170				
UN proper shipping name:	Ethanol solution				
Transport hazard class(es):	3				
Packing group:	II				
Environmental hazards:	No information available				
Special precautions for user:	-				
Transporting/shipment by rail (RID)					
UN number:	1170				
UN proper shipping name:	Ethanol solution				
Transport hazard class(es):	3				
Packing group:	II				
Environmental hazards:	No information available				
Special precautions for user:	-				
Transporting/shipment by inland was	terways (ADN)				
UN number:	1170				
UN proper shipping name:	Ethanol solution				
Transport hazard class(es):	3				
Packing group:	П				
Environmental hazards:	No information available				
Special precautions for user:	-				
Transporting/shipment by sea (IMDG	5)				
UN number:	1170				
UN proper shipping name:	Ethanol solution				
Transport hazard class(es):	3				
Packing group:	II				
Environmental hazards:	No information available				
Special precautions for user:	-				
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:	-				
Transporting/shipment by air (ICAO-	TI/IATA-DGR)				
UN number:	1170				



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Trade name:		EA 50 REAGENT, F	PAP 3B		
Product code:	EA50-OT-X**	Date of compilation:	29 December 2022	Version:	4

UN proper shipping name:	Ethanol solution	
Transport hazard class(es):	3	
Packing group:	II .	
Environmental hazards:	No information available	
Special precautions for user:	-	
Further -		
information:		

15.1.	Safety, health and env	ironmental regulations/legislation specific for the substance or mixture
	EU regulations	
	Authorisation and/or i	restrictions on use
	Authorisations:	-
	Restrictions:	-
	Other EU regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC 93/105/EC and 2000/21/EC; Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC; Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work; Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);
	Information according guideline)	1999/13/EC about limitation of emissions of volatile organic compounds (VOC-
	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act



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

amended by Regulation (EU) No. 2020/878

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Trade name:		EA 50 REAGENT, P	AP 3B		
Product code:	EA50-OT-X**	Date of compilation:	29 December 2022	Version:	4

None

SECTIO	ON 16. Other informati	on	
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:		-
16.4.	Classification and pro 1272/2008 (CLP)	cedure used to derive t	the classification for mixture according to Regulation (EC)
Classifi	cation	Classification pro	ocedure
-		-	
16.5.	Relevant H statement	s (number and full text)
	225	Highly flammak	ole liquid and vapor.
	H: 302 Harmful if swa		lowed.
16.6.	Training advice:	-	
16.7.	** "X" in the product) Further information: We are not response		t code marks different volumes (different packaging of the ible for consequences in case of failure to comply with or improper use of the product described in this material

ANNEX: Exposure scenario resulting to Chemical safety assessment	
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