

Page 1 of 17

Trade name:	EA 31 REAGENT, PAP 3A			
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4

1.1.	Product identifier					
	Trade name:	EA 31 REAGENT, PAP 3A				
	Chemical name:	-				
	Catalogue number:	EA31-OT-X**				
1.2.	Relevant identified	uses of the subs	stance 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	Details of the supplier of the safety data sheet				
	Supplier:		BioGno	st Ltd.		
	Address:		Medjug	1edjugorska 59, Zagreb		
	Telephone numbe	r:	+385 1	85 1 2409997		
	Telefax:		+385 1	385 1 2404039		
	E-mail of compete	nt person:	msds@	msds@biognost.hr		
	National contact: -		-			
1.4.	Emergency telephone numbers					
	National Protectio	n and Rescue Dir	ectorate:		112	
	Medical information	on:			+385 1 2348 342	
	Other information:			_		

SECTIO	SECTION 2. Hazards identification				
2.1.	Classification of the substance	e or mixture			
2.1.1.	Classification according to Re	gulation (EC) No	. 1272/2008 (CLP)		
	Hazard class and categ	ory code:	Hazard statement*	•	
	Flam. Liq. 2		H225		
	Acute Tox. 4		H302		
2.1.2.	Additional information				
	-				
*For fu	ıll text of Hazard- and EU Hazard	l-statements: see	e Section 16.		
2.2.	Label elements				
	Product identification:	EA 31 REAGE	NT, PAP 3A		
	Identification number:	ion number: -			



#### **SAFETY DATA SHEET**

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

Page 2 of 17

Trade name:	EA 31 REAGENT, PAP 3A			
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4

	Authorisation number:	-			
	Hazard pictograms:	GHS02 GHS07			
	Signal word:	Danger			
	Hazard statement:	H225 Highly flammable liquid and vapour. H302 Harmful if swallowed.			
	Precautionary statement:	<ul> <li>P210 Keep away from heat, hot surfaces, open flames and other ignition sources. No smoking.</li> <li>P233 Keep container tightly closed.</li> <li>P280 Wear protective gloves/protective clothing/eye/protection/face protection.</li> <li>P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.</li> <li>P501 Dispose of contents/container to an approved waste disposal plant.</li> </ul>			
	Supplemental hazard information (EU):	-			
2.3.	Other hazards				
	<b>Endocrine Disrupting Prope</b>	Endocrine Disrupting Properties:			
	No known endocrine disrupting properties				
	<b>Results of PBT and vPvB ass</b> PBT or a vPvB.	<b>sessment</b> : According to the results of its assessment, this substance is not a			

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	ION 4.	First ai	id measures
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4.1. Description of first aid measures



Page 3 of 17

Trade name:	EA 31 REAGENT, PAP 3A			
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4

	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.
	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 e	ffects, 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	vomiting.  lical attention and special treatment needed

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 th	e 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				



Page 4 of 17

Trade name:	EA 31 REAGENT, PAP 3A			
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4

Cool endangered receptacles with water spray. Collect contaminated fire fighting water separately. Do not contaminate the environment with extinguishing media.

SECTIO	ON 6. Accidental release measur	es			
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. 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 by 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	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 info	ormation.			

SECTIO	SECTION 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 ignition and heat. Do not use tools that cause sparks. Do not smoke.			
	Measures to prevent aerosol and dust generation:	Secure proper ventilation.			



Page 5 of 17

Trade name:	EA 31 REAGENT, PAP 3A			
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4

	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	x:			
	Do not eat, drink or smoke in the works	pace. Thoroughly wash hands after work and before eating.			
7.2.	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	I. Control parameters						
Substance	CAS No		Occupational exposure limit values/short term values			Biological limit values	
			ppm	mg/m	1 <sup>3</sup>		
Ethanol	64-17	64-17-5		1900/	<b>'</b> -	No information available	
Ethylene glycol	107-21-1		20/40	52/10	4	No information available	
Substance:	-						
EC No:	-	CAS No: -					
DNEL							
Industrial							
Route of exposure:	Acute	Acute		Chronic		Chronic	
Route of exposure.	effect local	effect systen	nic	effect local		effect systemic	
Oral	-	-	-			-	



Page 6 of 17

r	rage o or in							
Trade n	iame:	EA 31 REAGENT, PAP 3A						
Product	t code: E	A31-OT-X**		Date of o	compilation: 10 Ju	ıly 2024	Version: 4	
Inhalatio	on	1900 mg/m³ (ethanol)	-		35 mg/ kg (ethylene glycol)	380 mg/m³ (e <sup>-</sup>	thanol)	
Dermal		-	-		-	343 mg/kg (et 106 mg/kg (et	hanol) hylene glycol)	
Critical p	hysical paran	neters: solubility, f	lammak	oility, corrosi	vity: -			
				Consun	ner			
Route o	f exposure:	Acute effect local		Acute ct systemic	Chronic effect local		ronic systemic	
Oral		-	-		-	87 mg/kg bw/	'day (ethanol)	
Inhalatio	on	950 mg/m³ (ethanol)	-		7 mg/kg (ethylene glycol)	114 mg/m³ (e	thanol)	
Dermal		-	-		-	206 mg/kg (et 53 mg/kg (eth		
PNEC		•						
Environr	Environmental protection target			PNEC				
Fresh wa	ater			960 µg/l (ethanol) 10 mg/l (ethylene glycol)				
Freshwa	ter sediments			3.6 mg/kg (ethanol) 37 mg/kg (ethylene glycol)				
Marine v	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)				
Microorg	ganisms in se	wage treatment		580 mg/l (ethanol) 199.5 mg/l (ethylene glycol)				
Soil (agr	icultural)			0.63 mg/kg (ethanol)				
Air				1.53 mg/kg (ethylene glycol) no information available				
				1				
8.2.	Exposure c	posure controls						
8.2.1.	Appropriat	priate engineering controls						
	measures t	mixture related o prevent exposui ntified uses:	Α :	Do not eat, drink or smoke in the workspace. Use personal protective equipment.				
	Structural r exposure:	neasures to preve	nt	No information available				



Page 7 of 17

٦	Trade name:	EA 31 REAGENT, PAP 3A			
F	Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4

	Organisational measures to prevent exposure:		Organization o	f work in order to reduce other worker's influence ocess.		
	Technical measures to preven exposure:	See Section 7.2				
8.2.2.	Personal protection equipmer	nt				
8.2.2.1.	Eye and face protection:	of c	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					
	Hand protection:	Protective gloves must be according to the EU Directive 2016/425/EE and standard EN 374.  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 fil	ter for organic v	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 avai	ilable		
8.2.3.	Environmental exposure contr	rols				
	Substance/mixture related me exposure:	neasures to prevent		See Section 6		
	Structural measures to preven	nt exp	osure:	Use modern equipment.		
	Organisational measures to p	reven	t exposure:	Adapt the work process to the required working conditions of the workplace.		
	Technical measures to preven	t expo	osure:	See Section 6		

SECTI	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				



Page 8 of 17

Trade name:				
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4

	Boiling point or initial boiling point and boiling range:	no information available	no information available
	Flammability:	no information available	no information available
	Lower and upper explosion limit:	no information available	no information available
	Flash point:	21°C	no information available
	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, alk 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.			

SECTIO	SECTION 11. Toxicological information						
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 <sub>50</sub> /LC <sub>50</sub> or ATE <sub>mixture</sub>	Exposure time	Results	



Page 9 of 17

Trade name:	EA 31 REAGENT, PAP 3A				
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4	

Oral:	No information available	rat	LD <sub>50</sub>	-	7.060 mg/kg (ethanol) 7.712 mg/kg (ethylene glycol)
Dermal:	No information available	rabbit	LD <sub>50</sub>	-	>20.000 mg/kg (ethanol) >3.500mg/kg (ethylene glycol)
Inhalation:	No information available	rat	LC <sub>50</sub>	4 h (ethanol)	>8.000 mg/l (ethanol)

Specific target organ toxicity - single exposure (STOT-SE):						
	Specific effects	Target organ	Note			
Oral:	No information available	No information available	-			
Dermal:	No information available	No information available	-			
Inhalation:	No information available	No information available	-			

Aspiration hazard:	No information available

Irritation and corrosion						
	Exposure time	Species	Evaluation	Method	Note	
Skin corrosion/irritation	No information available	No information available	No information available	No information available	-	
Serious eye damage/irritation	No information available	No information available	No information available	No information available	-	

Sensitization	
Skin sensitization:	No information available
Respiratory sensitization:	No information available

Symptoms related to the physical, chemical and toxicological characteristics				
Oral exposure:	Swallowing may cause irritation of mucosa, tingling sensation in the mouth, burning sensation; higher levels of concentration may cause nausea, abdominal pain and vomiting. In case of vomiting, aspiration causes coughing, difficult breathing. Higher levels of concentration may cause suffocation.			
Dermal exposure:	Slight irritation. After short exposure, resorption effects are not likely. Long-term exposure may cause drying, cracking and tingling sensation of skin.			



Page 10 of 17

Trade name:	EA 31 REAGENT, PAP 3A				
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4	

Inhalation exposure:	Inhalation of large amounts of vapors in inadequately ventilated perimeter may cause coughing, sneezing, headache and nausea.
Eye exposure:	Direct eye contact may cause slight to moderate irritation, lacrimation and burning sensation.

	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	-
Chronic inhalation	No information available	No information available	No information available	No information available	No information available	-

Specific target organ toxicity - repeated exposure (STOT-RE):

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



Page 11 of 17

Trade name:	EA 31 REAGENT, PAP 3A				
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4	

Subchronic oral	No information available	No information available	-		
Subchronic dermal	No information available	No information available	-		
Subchronic inhalation	No information available	No information available	-		
Chronic oral	No information available	No information available	-		
Chronic dermal	No information available	No information available	-		
Chronic inhalation	No information available	No information available	-		
CMR effects (carcinogen	icity, mutagenicity, reproductive	toxicity)			
Carcinogenicity:	N	o information available			
Mutagenicity in-vitro:	N	No information available			
Genotoxicity:	N	No information available			
Mutagenicity in-vivo:	N	No information available			
Germ cell mutagenicity :	N	No information available			
Reproductive toxicity:	N	No information available			
Summary of evaluation of	of the CMR properties: N	o information available			
11.2. Information on ot	her hazards:				
11.2.1. Endocrine disrupt	ing properties:				
No known endoc affect human heal	rine disrupting properties that				
ancet naman near	****				

SECTION 12. E	SECTION 12. Ecological information						
12.1. Toxic	12.1. Toxicity						
Acute (short- term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note	
Fish	LC <sub>50</sub>	96 hours	Fish	No information available	8.140 mg/l (ethanol) 72.860 mg/l (ethylene glycol)	-	
Crustacea:	EC <sub>50</sub>	48 hours	Daphnia magna	No information available	7.800 mg/l (ethanol) >100 mg/l (ethylene glycol)	-	



12.3.

Bioaccumulative potential

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

Page 12 of 17

Trade name:		EA 31 REAGENT, P	PAP 3A	
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4

Algae/aquatic plants:	) IC <sub>50</sub>	72 hours	algae		ormation ailable	(e 6.50 mg/l	000 mg/l thanol) 00-13.000 (ethylene glycol)	-
Other organisms	-	-	-	-		-		-
Chronic (long-term) toxicity	Doza	Exposure time	Species	Me	ethod	Ev	aluation	Note
Fish	LC <sub>50</sub>	96 hours	No information available	No inforn available	nation	No in availa	formation ble	-
Crustacea:	EC <sub>50</sub>	48 hours	No information available	No inforn available	nation	No in availa	formation ble	-
Algae/aquatic plants	IC <sub>50</sub>	72 hours	No information available	No inforn available	nation	No in availa	formation ble	-
Other organisms	-	-	-	-		-		-
	istence and d	on	Met	had	Evaluati	- Con	N	240
Marine water	No informati	ation half-lives ion available	No informa available		No informa available		- INC	ote
Fresh water	No informati	ion available	No informa available	ation	tion No information available		on -	
Air	No informati	ion available	No informa available	ation	ntion No information available		tion -	
Soil	No informati	ion available	No informa available	ation	No informa available	tion -		
Biodegrada	ation							
% Degradation		ne (days)	Metho	od	Evaluat	tion	No	ote
_	_		_		_		_	



Page 13 of 17

Trade name:		EA 31 REAGENT, P	AP 3A		
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version:	4

	Octa	nol-water p	artition o	oefficie	ent (log K	(ow)			
Value		Concentra		рН	* * * * * * * * * * * * * * * * * * *	Meth	nod	Evaluat ion	Note
-	-			-	-	-			
Bio	oconcen	tration Facto	or (BCF)						1
Valu	ıe	Sp	oecies			Method	Eva	luation	Note
No informat available		No informa	ation avai	lable	No info	ormation le	No inform available	ation	-
	•								
	ic ecoto		-			6 .	N.A11.	F 1	
Val	ue	Dose	E	xposure	e time	Species	Method	Evaluation	Note
Chronic to on fish	toxicity	LC <sub>50</sub>	No ava	info iilable	rmation	No information available	No informat ion availabl e	No information available	-
Chronic to on crusta (Daphnia	acea	EC <sub>50</sub>	No ava	info iilable	rmation	No information available	No informat ion availabl e	No information available	-
12.4.	Mobility								
		•		tion in	environn	nental compartme	ents:		
		rmation ava	ilable						
		tension:		•		C	NA		Nista
	V	alue		°C		Concentration	Method		Note
	No ir availabl	nformation e	No availabl		rmation	No information available	No informatio n available		
Adsor	ption / c	desorption							



Page 14 of 17

Trade name:		EA 31 REAGENT, PAP 3A	
Product code:	EA31-OT-X**	Date of compilation: 10 July 2024	Version: 4

Transport	A/D coefficient Henry's constant	log Kow	Evaporation rate	Method	Note
Soil-Water	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. Re	esults of PBT and vPvB asses	ssment			
	sed on available data, the p		contain any PBT or vF	PvB substances.	
12.6 Fm	edocino dismuntino nuonout	ioo			
	docrine disrupting propert used on available data, does		ocrine disruptors		
	ther adverse effects	Thor contain chac	remie disruptors.		
	o adverse effects are expect	ed.			
į	·				
SECTION 1	3. Disposal considerations				
13.1. W	aste treatment methods				
	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. V	Vaste codes/waste designa	tions according to	Low:		
P	ackaging that contains resi	dual hazardous su	bstances or is contar	ninated with hazard	ous substances
13.1.3. V	Vaste treatment – relevant i	nformation:			
	lo information available				
13.1.4. S	ewage disposal – relevant i	nformation:			
V	Vaste must not be disposed	of into the sewag	ge system.		
13.1.5. C	Other disposal recommenda	tions:			
a	Oo not dispose of the produ uthorized by the ministry ir he packaging to the collect	n charge. Do not d	ispose of the packag	ing into the sewage	



Page 15 of 17

Trade name:		EA 31 REAGENT, P	PAP 3A	
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4

13.1.6. Relevant Community provisions:  Disposal must be made according to official regulations.				
Disposai must be made accord	ing to official regulations.			
SECTION 14. Transport information				
Transporting/shipment by road (ADR	.)			
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 wat	rerways (ADN)			
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 sea (IMDG	o)			
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			



Page 16 of 17

Trade name:		EA 31 REAGENT, P	AP 3A	
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	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 environmental regulations/legislation specific for the substance or mixture			
	EU regulations			
	Authorisation and/or 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 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 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		



Page 17 of 17

Trade name:		EA 31 REAGENT, PAP 3A		
Product code:	EA31-OT-X**	Date of compilation:	10 July 2024	Version: 4

None

SECTIO	ON 16. Other information	n			
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 procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)				
Classifi	ssification Classification		ocedure		
-		-			
16.5.	Relevant H statements (number and full text)				
	225	Highly flammable liquid and vapor.			
	H: 302	Harmful if swall	owed.		
16.6.	Training 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 s	scenario resulting to Che	mical safety assessment