

ABX Diluent	A91A00230CEN	26/03/2007
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1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX Diluent
Product code:	Ref. HORIBA ABX : 0901010, 0901020
1.2. Company identification	
	HORIBA ABX - Rue du Caducée - Parc Euromédecine 34184 MONTPELLIER CEDEX 4 - FRANCE Tel: (33) 4 67 14 15 16 Fax: (33) 4 67 14 15 17
1.3. Emergency phone number	
	Contact the nearest first-aid station

2. Composition/information on ingredients				
2.1. Description of the kit				
	ABX Diluent 10L [REAGENT]: 1 x 10L : diluent ABX Diluent 20L [REAGENT]: 1 x 20L : diluent			
2.2. Hazardous ingredients (name, concentration)				
Cas No.	Name	Concentration	Symbol	Risk
26628-22-8	Sodium azide	< 0.1%	T+, N	R28, R32, R50/53
	Potassium chloride	< 1%	Xi	R36
	EDTA, Na ₂ , H ₂ O	< 0.1%	Xi	R36/38
	Surfactant	< 5%	Xi	R38, R41
	Organic buffer	< 5%	C	R22, R34, R63
2.3. Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No				

3. Hazards identification	
Most important hazards:	None.
Specific risks	Product may be harmful if swallowed and can induce vomiting, fainting and diarrhoea. Irritates the skin in case of prolonged handling.

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4. First-aid-measures	
Inhalation:	No specific requirements.
Skin contact:	Wash skin with water.
Eye contact:	Immediately wash eyes, also under the eyelids, with water for at least 15 minutes.
Ingestion:	If patient is conscious, rinse out mouth thoroughly with water and induce vomiting. Get medical attention in case of fainting.

5. Fire-fighting measures : Product non flammable	
Extinguishing media:	Use whatever is required for the surrounding area.
Specific risks:	None determined.
Special protective equipment:	None.
Additional recommendations:	None.

6. Accidental release measures	
Personal precautions:	Wear a lab coat, protective gloves and safety goggles.
Environmental precautions:	Prevent from getting into sewage, water, ground.
Methods for cleaning/absorption:	Soak up the product and put in the waste. Wash the affected area with water.

7. Handling and storage	
7.1. Handling	
Technical measures:	None determined.
Precautions:	The usual laboratory precautions should be observed.
Handling recommendations:	None.
7.2. Storage	
Technical measures:	No special requirements.
Storage conditions:	Store protected from light at 18-25°C.
Incompatible materials:	Not determined.
Packaging materials:	Not determined.

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8. Exposure controls/personal protection

Specific control parameters:	None determined.
Technical measures:	Use general room ventilation.
Respiratory protection:	None required.
Hand protection:	Protective gloves.
Eye protection:	Safety goggles.
Skin protection:	Lab coat.
Hygiene measures:	Wash hands before and after use.

9. Physical and chemical properties

Physical state:	Liquid, aqueous solution	Autoflammability:	Not determined
Colour:	Colourless	Explosive properties:	Not determined
Odour:	Odourless	Oxidizing properties:	Not determined
pH:	8.1 (+/- 0.2)	Vapour pressure:	Not determined
Boiling point:	Not determined	Relative density:	Not determined
Melting point:	Not determined	Solubility:	Miscible with water
Flashing point:	Not determined	Partition coefficient:	Not determined
Flammability (solid, gaz):	Non-flammable	Other data:	Not determined

10. Stability and reactivity

Conditions to avoid:	Not determined.
Materials to avoid:	Sodium azide may react with Pb and Cu and form dangerous material, metal azide product.
Hazardous decomposition products:	Not determined.
Other data:	None.

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11. Toxicological information	
Acute toxicity:	Not determined.
Chronic toxicity:	Not determined.
Inhalation:	Not determined.
Skin contact:	Not determined.
Eye contact:	Not determined.
Ingestion:	Not determined.
Other data:	None.

12. Ecological information	
Mobility:	Not determined.
Degradability:	Biodegradable > 90%.
Bioaccumulative potential:	Not determined.
Ecotoxicology:	Not determined.
Other hazardous effects:	None determined.

13. Disposal considerations	
Surplus or waste (residues):	This reagent contains less than 0.1% sodium azide as a preservative. As sodium azide may react with lead and copper to form explosive metal azides, this reagent should be disposed of by flushing with copious amounts of water. The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:	Incineration.

14. Transport information (International regulations)	
General information:	None.
By air (IATA):	Not applicable.
By land (ADR):	Not applicable.
By sea (IMDG):	Not applicable.

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15. Regulatory information

Symbols:	None	
R phrases:	None	
S phrases:	None	
Substances:	None	
Other regulatory requirements:	In no way does this information exempt the user from knowing about or applying all the national or international regulations relating to his/her activity.	

16. Other information

This sheet is a complement to instructions for use but does not replace them. Information contained herewith is based on our current knowledge of the product, at the date shown, and is correct to the best of our knowledge. Furthermore, the user's attention is drawn to the dangers of using this product for anything other than its intended use. The user must accept the sole responsibility and take precautions accordingly for the use of this product.