

ABX Basolyse II 1L	A91A00249DEN	Revision 23/09/2009
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1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX Basolyse II 1L
Product code:	Ref. : 0906003
1.2. Use of the product	
Erythrocyte lysing reagent for white blood cell counting and basophil differentiation.	
1.3. Company identification	
	HORIBA ABX SAS- Rue du Caducée - Parc Euromédecine 34184 MONTPELLIER CEDEX 4 - FRANCE Tel: (33) 4 67 14 15 16 Fax: (33) 4 67 14 15 17 Email: documentation.med@horiba.com
1.4. Emergency phone number	
	Contact the nearest first-aid station

2. Hazards identification	
Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No	
Most important hazards:	Harmful if inhaled, swallowed or in contact with skin.
Specific risks	Irritates the eyes.

3. Composition/information on ingredients					
3.1. Description of the kit					
	REAGENT : 1 x 1L : Lysing agent with detergent (<0.5%)				
3.2. Hazardous ingredients (name, concentration)					
CAS N.	Name	Concentration	Symbol	Risk	Registration number
7647-01-0 534-13-4	Hydrochloric acid 37% DMTU Quaternary ammonium salt Preservative	< 5% < 3% < 20% < 20%	C T Xi, N Xn	R34, R37 R25, R63 R36/R37/R38, R50 R20/R21/R22 - R36/R37/R38	

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4. First-aid-measures

Inhalation:	Provide fresh air.
Skin contact:	Wash skin with water and soap.
Eye contact:	Immediately wash eyes, also under the eyelids, with water for at least 15 minutes.
Ingestion:	If patient is conscious, rinse out mouth and throat thoroughly with water. Otherwise, get medical attention.

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:	No specific requirements.

7. Handling and storage

7.1. Handling

Technical measures:	None determined.
Precautions:	The usual laboratory precautions should be observed. Always handle the product in a well-ventilated area.
Handling recommendations:	Avoid contact with the eyes, skin and respiratory tract. Handle as for all toxic liquids.

7.2. Storage

Technical measures:	No special requirements.
Storage conditions:	Store in airtight containers at 18-25°C.
Incompatible materials:	Avoid all contact with products which contain cyanide.
Packaging materials:	Polyethylene or other plastic.

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8. Exposure controls/personal protection	
8.1. Exposure limit values	
Specific control parameters:	None determined.
8.2. Exposure controls	
8.2.1. Occupational exposure controls	
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. Eye wash and safety shower in case of prolonged handling.
8.2.2. Environmental exposure controls	
Not determined.	

9. Physical and chemical properties			
9.1. General information			
Physical state:	Liquid		
Colour:	Colourless	Odour:	Slightly acidic
9.2. Important health, safety and environmental information			
pH:	2.4 (+/- 0.2)	Relative density:	Not determined.
Boiling point:	Not determined	Solubility:	Aqueous solution miscible with water
Flash point:	Not determined	Partition coefficient:	Not determined.
Flammability (solid, gaz):	Non-flammable	Viscosity:	Not determined.
Explosive properties:	Not determined.	Vapour density:	Not determined.
Oxidizing properties:	Not determined.	Evaporation rate:	Not determined.
9.3. Other information			
None determined.			

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10. Stability and reactivity

Conditions to avoid:	Avoid all contact with the following reagents : ABX Alphalyse, ABX Minilyse, ABX Minilyse LMG, ABX Minolyse, ABX Minolyse LMG.
Materials to avoid:	Strong bases, cyanides.
Hazardous decomposition products:	Not classified.
Other data:	none.

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

12.1. Ecotoxicity:	Not determined.
12.2. Mobility:	Not determined.
12.3. Degradability:	Biodegradability > 90%.
12.4. Bioaccumulative potential:	Not determined.
12.5. Results of PBT assessment:	Not determined.
12.6. Other hazardous effects:	None determined.

13. Disposal considerations

Surplus or waste (residues) Contaminated packaging	It is advisable to avoid or reduce the generation of waste products wherever possible. Empty containers may contain product residues. Discard all waste, unused products, and contaminated packaging in accordance with current legislation. If you are in any doubt over the regulations, further information can be obtained from the competent authorities.
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14. Transport information (International regulations)	
General information:	None.
By air (IATA):	Not applicable.
By land (ADR):	Not applicable.
By sea (IMDG):	Not applicable.

15. Regulatory information	
Symbols:	None.
R phrases:	None.
S phrases:	None.
Substances:	None.
Specific provisions and related laws:	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	
16.1. List of relevant R phrases	
R25 R34 R37 R50 R63 R20/21/22 R36/37/38	Toxic if swallowed Causes burns Irritating to the respiratory system Very Toxic to aquatic organisms Possible risk of harm to the unborn child Harmful by inhalation, in contact with skin and if swallowed Irritating to eyes, respiratory system and skin
16.2. Recommended restriction on use	
See specific information given in the product user information.	
16.3. Further 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.	
16.4. Sources of key data	
This document has been compiled with information extracted from documents given by our raw material suppliers.	
16.5. Revision	
The sections that have been modified from the previous version are indicated by a vertical line on the left side of the table.	