

ABX Basolyse 5L	A91A00251FEN	Revision 18/08/2009
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1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX Basolyse 5L
Product code:	Ref. : 0204050
1.2. Use of the product	
Solution for the differentiation of leucocyte subpopulations.	
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 5L : Lysing agent				
3.2. Hazardous ingredients (name, concentration)					
CAS N.	Name	Concentration	Symbol	Risk	Registration number
7647-01-0 88-99-3	Hydrochloric acid 37%	< 5%	C	R34, R37	
	Phtalic acid	< 20%	Xi	R36/37/38	
	Detergent 1	< 20%	Xn, F	R11, R20/21/22 R36/37/38	
	Detergent 2	< 5%	Xn	R22, R38, R41	
67-56-1	Antioxidant	< 20%	Xn	R22, R36/R38	
	Methanol	< 3%	T, F	R11, R23/R24/R25 R39/R23/R24/R25	
	Preservative	< 1%	C	R34, R43, R52/R53	

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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:	Stop the leak if it does not present a hazard. Dilute copiously and mop up with a sponge if the matter is water soluble, or absorb with an inert dry material and place in an appropriate waste container. Dispose of it in accordance with current regulations.

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:	Odourless
9.2. Important health, safety and environmental information			
pH:	2.7 (+/- 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 alkaline products as well as with the following reagents : ABX Al-phalyse, ABX Minilyse, ABX Minilyse LMG, ABX Minolyse, ABX Minolyse LMG.
Materials to avoid:	None determined.
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	
R11 R22 R34 R37 R38 R41 R43 R20/21/22 R23/R24/R25 R36/R38 R36/37/38 R39/R23/R24/R25 R52/R53	Highly Flammable Harmful if swallowed Causes burns Irritating to the respiratory system Irritating to the skin Risk of serious damage to eyes May cause sensitization by skin contact Harmful by inhalation, in contact with skin and if swallowed Toxic by inhalation, in contact with skin and if swallowed Irritating to eyes and skin Irritating to eyes, respiratory system and skin Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
16.2. Recommended restriction on use	
See specific information given in the product user information.	

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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.