

ABX VET Pack From Lot # 091214 and above	A91A00712CEN	Revision 04/02/2010
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1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX VET Pack
Product code:	Ref. : 0604052
1.2. Use of the product	
SEE SAFETY DATA SHEET ATTACHED (3)	
1.3. Company identification	
	HORIBA ABX SAS - Rue du Caducée - Parc Euromédecine 34184 MONTPELLIER CEDEX 4 - FRANCE Tel: + 33 (0) 4 67 14 15 16 Fax: + 33 (0) 4 67 14 15 17 Email: documentation.med@horiba.com
1.4. Emergency phone number	
Company :	+ 800 67 14 15 16
French official advisory body :	ORFILA (INRS) : + 33 (0) 1 45 42 59 59

2. Hazards identification	
Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No	
Most important hazards:	SEE SAFETY DATA SHEET ATTACHED (3)
Specific risks	SEE SAFETY DATA SHEET ATTACHED (3)

3. Composition/information on ingredients					
3.1. Description of the kit					
	ABX VET Pack is composed of :				
	R1 : 0.5L ABX Miniclean (cleaning solution)				
	R2 : 0.3L abc lyse LMGE (Lysing solution)				
	R3 : 3.4L ABX Minidil LMG (Diluent)				
3.2. Hazardous ingredients (name, concentration)					
CAS N.	EC Number	Name	Concentration	Symbol	Risk
SEE SAFETY DATA SHEET ATTACHED (3)					

ABX Miniclean 1L From Lot # 091228 and above	A91A00204FEN	Revision 12/01/2010
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1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX Miniclean 1L
Product code:	Ref. : 0403010
1.2. Use of the product	
Enzymatic solution with proteolytic action for the cleaning of blood cell counters.	
1.3. Company identification	
	HORIBA ABX SAS - Rue du Caducée - Parc Euromédecine 34184 MONTPELLIER CEDEX 4 - FRANCE Tel: + 33 (0) 4 67 14 15 16 Fax: + 33 (0) 4 67 14 15 17 Email: documentation.med@horiba.com
1.4. Emergency phone number	
Company :	+ 800 67 14 15 16
French official advisory body :	ORFILA (INRS) : + 33 (0) 1 45 42 59 59

2. Hazards identification	
Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No	
Most important hazards:	None.
Specific risks	Product may be harmful if swallowed and can induce vomiting, fainting and diarrhoea.

3. Composition/information on ingredients					
3.1. Description of the kit					
	REAGENT : 1 x 1L Cleaning solution				
3.2. Hazardous ingredients (name, concentration) : None					
CAS N.	EC Number	Name	Concentration	Symbol	Risk

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4. First-aid-measures	
Inhalation:	No specific requirements.
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. 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:	Take up with absorbent material and place in a suitable container. Rinse the affected area abundantly

7. Handling and storage	
7.1. Handling	
Technical measures:	No special requirements.
Precautions:	The usual laboratory precautions should be observed.
Handling recommendations:	Wear gloves and protective goggles in case of prolonged handling.
7.2. Storage	
Technical measures:	No special requirements.
Storage conditions:	Store at 18-25°C.
Incompatible materials:	None determined.
Packaging materials:	None determined.

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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.
8.2.2. Environmental exposure controls	
Not determined.	

9. Physical and chemical properties			
9.1. General information			
Physical state:	Liquid		
Colour:	Colourless	Odour:	Smells of detergent
9.2. Important health, safety and environmental information			
pH:	9,9 +/- 0,2 at 20°C	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.			

ABX Miniclean 1L From Lot # 091228 and above	A91A00204FEN	Revision 12/01/2010
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10. Stability and reactivity	
Conditions to avoid:	None determined.
Materials to avoid:	This reagent contains less than 0.1% of sodium azide as preservative. Sodium azide may react with Pb and Cu and form dangerous material, metal azide product.
Hazardous decomposition products:	None determined.
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:	Product may be harmful if swallowed and can induce vomiting, fainting and diarrhoea.
Other data:	None.

12. Ecological information	
12.1. Ecotoxicity:	Not determined.
12.2. Mobility:	Not determined.
12.3. Degradability:	Biodegradable >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	
None	
16.2. Recommended restriction on use	
See specific information given in the product user information.	
16.3. Further information	
<p>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.</p> <p>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.</p>	
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.	

ABC Lyse LMGE 0.3L	A91A00303DEN	Revision 04/02/2010
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1. Product and company identification	
1.1. Identification of the product	
Product name:	ABC Lyse LMGE 0.3L
Product code:	Ref. Horiba Medical : 0801104
1.2. Use of the product	
Lysing agent.	
1.3. Company identification	
	HORIBA ABX SAS - Rue du Caducée - Parc Euromédecine 34184 MONTPELLIER CEDEX 4 - FRANCE Tel: + 33 (0) 4 67 14 15 16 Fax: + 33 (0) 4 67 14 15 17 Email: documentation.med@horiba.com
1.4. Emergency phone number	
Company :	+ 800 67 14 15 16
French official advisory body :	ORFILA (INRS) : + 33 (0) 1 45 42 59 59

2. Hazards identification	
Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No	
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.

3. Composition/information on ingredients					
3.1. Description of the kit					
	REAGENT : 1 x 1L : Lysing agent				
3.2. Hazardous ingredients (name, concentration)					
CAS N.	EC N°	Name	Concentration	Symbol	Risk
112-00-5	203-927-0 (EINECS)	Dodecyltrimethylammonium chloride	1% < C < 2.5%	Xi, N	R36/37/38, R50

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ABC Lyse LMGE 0.3L	A91A00303DEN	Revision 04/02/2010
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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.

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:	Neutralize with sodium hypochlorite solution. After neutralisation, soak up the product and put in the waste. Wash the affected area with water.

7. Handling and storage	
7.1. Handling	
Technical measures:	Avoid contact with the eyes, skin and respiratory tract.
Precautions:	The usual laboratory precautions should be observed.
Handling recommendations:	Wear gloves and protective goggles. Always handle the product in a well-ventilated area.
7.2. Storage	
Technical measures:	No special requirements.
Storage conditions:	Store in airtight containers, at 5-25°C.
Incompatible materials:	Not determined.
Packaging materials:	Not determined.

ABC Lyse LMGE 0.3L	A91A00303DEN	Revision 04/02/2010
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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:	Yellowish	Odour:	None
9.2. Important health, safety and environmental information			
pH:	10.5 (+/- 0.5)	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			
Not determined			

ABC Lyse LMGE 0.3L	A91A00303DEN	Revision 04/02/2010
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10. Stability and reactivity	
Conditions to avoid:	Not determined.
Materials to avoid:	Not determined.
Hazardous decomposition products:	None.
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:	Biodegradable>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):	Neutralize the product (see procedure as described in §6) before discarding.
Contaminated packaging:	Incineration.

ABC Lyse LMGE 0.3L	A91A00303DEN	Revision 04/02/2010
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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	
R36/37/38 R50	Harmful if swallowed Irritating to eyes, respiratory system and skin Very toxic to aquatic organisms
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	
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ABX Minidil LMG 10L	A91A00218EEN	Revision 04/02/2010
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1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX Minidil LMG 10L
Product code:	Ref. : 0802010
1.2. Use of the product	
Buffered isotonic solution for the determination of blood cell counting and the measurement of hematocrit on blood cell counters.	
1.3. Company identification	
	HORIBA ABX SAS - Rue du Caducée - Parc Euromédecine 34184 MONTPELLIER CEDEX 4 - FRANCE Tel: + 33 (0) 4 67 14 15 16 Fax: + 33 (0) 4 67 14 15 17 Email: documentation.med@horiba.com
1.4. Emergency phone number	
Company :	+ 800 67 14 15 16
French official advisory body :	ORFILA (INRS) : + 33 (0) 1 45 42 59 59

2. Hazards identification	
Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No	
Most important hazards:	None.
Specific risks	May be harmful if swallowed and can induce vomiting, fainting and diarrhoea. Irritates the skin in case of prolonged contact.

3. Composition/information on ingredients					
3.1. Description of the kit					
	REAGENT : 1 x 10L: Stabilised saline solution used as a diluent				
3.2. Hazardous ingredients (name, concentration) : None					
CAS N.	EC Number	Name	Concentration	Symbol	Risk

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ABX Minidil LMG 10L	A91A00218EEN	Revision 04/02/2010
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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 and throat 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 and put in the waste. Wash the affected area with water.

7. Handling and storage	
7.1. Handling	
Technical measures:	No special requirements.
Precautions:	The usual laboratory precautions should be observed.
Handling recommendations:	Wear gloves in case of prolonged handling.
7.2. Storage	
Technical measures:	No special requirements.
Storage conditions:	Store protected from light at 18-25°C.
Incompatible materials:	None.
Packaging materials:	No special requirements.

ABX Minidil LMG 10L	A91A00218EEN	Revision 04/02/2010
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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.
8.2.2. Environmental exposure controls	
None 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:	7.0 +/-0.1	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.			

ABX Minidil LMG 10L	A91A00218EEN	Revision 04/02/2010
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10. Stability and reactivity

Conditions to avoid:	None determined.
Materials to avoid:	This reagent contains less than 0.1% of sodium azide as preservative. Sodium azide may react with Pb and Cu and form dangerous material, metal azide product.
Hazardous decomposition products:	Not determined.
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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ABX Minidil LMG 10L	A91A00218EEN	Revision 04/02/2010
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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	
None	
16.2. Recommended restriction on use	
See specific information given in the product user information.	
16.3. Further information	
<p>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.</p> <p>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.</p>	
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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.	