

<b>ABX MINOCAL</b>	<b>A91A00727AEN</b>	<b>Revision 08/09/2008</b>
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<b>1. Product and company identification</b>	
<b>1.1. Identification of the product</b>	
Product name:	ABX MINOCAL
Product code:	<b>ABX Minocal</b> 2032002 Pack (1 x 2 ml vial + value sheet)
<b>1.2. Use of the product</b>	
ABX Minocal is a multiparameter blood calibrator designed for use in the calibration of HORIBA ABX Blood cell counters.	
<b>1.3. Company identification</b>	
	HORIBA ABX - 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@fr.abx.fr
<b>1.4. Emergency phone number</b>	
	Contact the nearest first-aid station

<b>2. Hazards identification</b>	
<b>Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No</b>	
Most important hazards:	Non applicable.
Specific risks	Potentially biohazardous material. Handle as if potentially infectious.

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### 3. Composition/information on ingredients

#### 3.1. Description of the kit

	ABX Minocal is a multi-parameter blood calibrator. ABX Minocal contains human red blood cells, simulated white blood cells and mammalian platelets in a plasma-like fluid.
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#### 3.2. Hazardous ingredients (name, concentration)

CAS N.	Name	Concentration	Symbol	Risk	Registration number
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To the best of our knowledge, this product contains no hazardous ingredients as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200 and by EU Directive 67/548/EEC.

### 4. First-aid-measures

Inhalation:	Provide fresh air.
Skin contact:	Rinse abundantly with soapy water.
Eye contact:	Rinse abundantly with water whilst holding open the eyelids (- 15 mins)
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:	Neutralise product before discarding.
Methods for cleaning/absorption:	After neutralisation, absorb the product and rinse the whole area with water.

### 7. Handling and storage

#### 7.1. Handling

Technical measures:	No special requirements.
Precautions:	Avoid all contact with the skin, eyes.
Handling recommendations:	Wear a lab coat, protective gloves and safety goggles. Always handle the product in a well-ventilated area.

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<b>7.2. Storage</b>	
Technical measures:	Not determined.
Storage conditions:	To maintain the quality of the product, do not freeze. ABX Minocal vials should be tightly capped and stored at 2-8°C when not in use. ABX Minocal is stable for 1 day, after a vial has been opened if it is properly handled and promptly refrigerated after each use. ABX Minocal in unopened vials that have been stored at 2-8°C are stable until the expiration date listed on the label.
Incompatible materials:	Do not use grossly contaminated or haemolyzed control material.
Packaging materials:	No special requirements.

<b>8. Exposure controls/personal protection</b>	
<b>8.1. Exposure limit values</b>	
Specific control parameters:	None determined.
<b>8.2. Exposure controls</b>	
<b>8.2.1. Occupational exposure controls</b>	
Technical measures:	ABX Minocal should be handled in the same manner as a human blood sample. Eye wash, safety shower, laboratory gloves, goggles in case of prolonged contact.
Respiratory protection:	Not determined.
Hand protection:	Protective gloves.
Eye protection:	Safety goggles.
Skin protection:	Lab. coat.
Hygiene measures:	Not determined.
<b>8.2.2. Environmental exposure controls</b>	
Not determined.	

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## 9. Physical and chemical properties

### 9.1. General information

Physical state:	Liquid		
Colour:	Red/Black	Odour:	Odourless

### 9.2. Important health, safety and environmental information

pH:	Not determined	Relative density:	Not determined
Boiling point:	Not determined	Solubility:	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.	
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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:	No, according to NTP, IARC monographs and OSHA regulated.
Chronic toxicity:	No, according to NTP, IARC monographs and OSHA regulated.
Inhalation:	Not determined.
Skin contact:	Not determined.
Eye contact:	Not determined.
Ingestion:	Not determined.
Other data:	No signs and symptoms of exposure identified.

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<b>12. Ecological information</b>	
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:	Not determined.

<b>13. Disposal considerations</b>	
Surplus or waste (residues):	This product must be disposed of as a laboratory chemical according to local regulations. Do not throw down the sink until it has been diluted as much as possible.
Contaminated packaging:	Incineration.

<b>14. Transport information (International regulations)</b>	
General information:	None.
By air (IATA):	None.
By land (ADR):	None.
By sea (IMDG):	None.

<b>15. Regulatory information</b>	
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.

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<b>16. Other information</b>	
<b>16.1. List of relevant R phrases</b>	
None.	
<b>16.2. Recommended restriction on use</b>	
See specific information given in the product user information.	
<b>16.3. Further information</b>	
<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>	
<b>16.4. Sources of key data</b>	
This document has been compiled with information extracted from documents given by our raw material suppliers.	
<b>16.5. Revision</b>	
The sections that have been modified from the previous version are indicated by a vertical line on the left side of the table.	