

ABX Minotrol 16 - ABX Minocal	A91A00725AEN	06/12/2007
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1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX Minotrol 16 - ABX Minocal
Product code:	Ref. ABX: Minotrol 16 2042202 Twin-pack 2N (2 x 2ml vial + notice + value sheet) 2042204 Twin-pack 1L, 1H (2 x 2ml vial + notice + value sheet) 2042208 Twin-pack 2L (2 x 2ml vial + notice + value sheet) 2042209 Twin-pack 2H (2 x 2ml vial + notice + value sheet) 2042001 Low level (1 x 2ml vial) 2042002 Normal level (1 x 2ml vial) 2042003 High level (1 x 2ml vial) Minocal 2032002 Pack (1 x 2 ml vial + notice + value sheet) 2032001 1 x 2ml vial
1.2. Use of the product	
Minotrol 16 is a tri-level control designed for use in monitoring the accuracy and precision of HORIBA ABX series independence blood cell counters. Minocal is a multiparameter blood calibrator designed for use in the calibration of HORIBA ABX Blood cell counters.	
1.3. 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 Email: documentation@fr.abx.fr
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:	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

Minotrol 16 is a tri-level control blood. Minocal is a multi-parameter blood calibrator. Minotrol 16 and Minocal contain human red blood cells, simulated white blood cells and mammalian platelets in a plasma-like fluid.

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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7.2. Storage	
Technical measures:	Do not freeze. Minotrol 16 and Minocal vials should be tightly capped and stored at 2-8°C when not in use. Minotrol 16 is stable for 16 sampling events over a maximum of 16 days, after a vial has been opened, if it is properly handled and promptly refrigerated after each use. Minocal is stable for 1 day, after a vial has been opened if it is properly handled and promptly refrigerated after each use.
Storage conditions:	Minotrol 16 and 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.

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:	Minotrol 16 and 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.
8.2.2. Environmental exposure controls	
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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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:	Not determined.

13. Disposal considerations	
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.

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

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.

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16. Other information

16.1. List of relevant R phrases

None.	
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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.