

ABX Pentra Multical	A91A00665BEN	19/10/2006
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1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX Pentra Multical
Product code:	Ref.ABX: A11A01652
1.2. 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
1.3. Emergency phone number	
	Contact the nearest first-aid station

2. Composition/information on ingredients						
2.1. Description of the kit						
	<table border="1"> <tr> <td>CAL</td> <td>10 x 3 ml (Lyophilised)</td> </tr> </table> Human Serum Human and animal Tissues extracts Bovine serum albumin				CAL	10 x 3 ml (Lyophilised)
CAL	10 x 3 ml (Lyophilised)					
2.2. Hazardous ingredients (name, concentration)						
	Name	Concentration	Symbol	Risk		
	Tetramethylammoniumchloride	<3%	T	R21, R25		
2.3. Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No						

3. Hazards identification	
Most important hazards:	<p>This substance is prepared from human serum. All products derived from blood are prepared exclusively from the blood of donors tested individually by an FDA-approved method and found to be negative for HbsAg and antibodies to HCV and HIV1/HIV2. Nevertheless it is impossible to reach complete information about the possibility of disease transmission, please handle as potentially infectious.</p> <p>This substance is particularly stable and no toxic in normal conditions of use. The usual hygienic measures taken when handling biological material should be observed.</p>
Specific risks	<p>For Human: Effect of acute exposure Eyes contact: May cause irritation Skin contact: May cause irritation, may be harmful Inhalation: May cause irritation, may be harmful Ingestion: May be harmful</p> <p>For Environment: Substance slightly dangerous to water and ground water.</p>

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4. First-aid-measures

Inhalation:	Provide fresh air. If breathing is difficult, get medical attention.
Skin contact:	Immediately wash skin with plenty of water and treat the contacted skin with skin-disinfectant.
Eye contact:	Immediately wash eyes, also under the eyelids, with water for at least 15 minutes.
Ingestion:	Get medical attention. Direction for physician: symptomatic treatment by a physician.

5. Fire-fighting measures

Extinguishing media:	No special requirements.
Specific risks:	None determined.
Special protective equipment:	None determined.
Additional recommendations:	Dangerous decomposition is not anticipated.

6. Accidental release measures

Personal precautions:	None determined.
Environmental precautions:	Damage limitation: Special measures to limit damage are not necessary.
Methods for cleaning/absorption:	After spillage: sweep up spilled substance in dry condition, avoiding dust formation. Absorbent material: not necessary. Disposal measure: Dispose according to national or local regulations.

7. Handling and storage

7.1. Handling

Technical measures:	Combustible substance.
Precautions:	No special requirements.
Handling recommendations:	Open and handle vials carefully.

7.2. Storage

Technical measures:	No special requirements.
Storage conditions:	Store tightly closed at 2 - 8°C.
Incompatible materials:	No special requirements.
Packaging materials:	No special requirements.

8. Exposure controls/personal protection

Specific control parameters:	No special requirements.
Technical measures:	Follow standard laboratory practices concerning manipulation of human origin products.
Respiratory protection:	No special requirements.
Hand protection:	Protective gloves.
Eye protection:	Safety goggles.
Skin protection:	Lab coat.
Hygiene measures:	Wash hands before and after use. Disinfect workplace and hands after work.

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9. Physical and chemical properties

Physical state:	Solid (powder)	Autoflammability:	Not determined
Colour:	Yellowish	Explosive properties:	Not determined
Odour:	Not determined	Oxidizing properties:	Not determined
pH:	6.9	Vapour pressure:	Not determined
Boiling point:	Not determined	Relative density:	Not determined
Melting point:	Not determined	Solubility:	Soluble in water
Flashing point:	Not determined	Partition coefficient:	Not determined
Flammability (solid, gaz):	Not determined	Other data:	Not determined

10. Stability and reactivity

Conditions to avoid:	Not determined.
Materials to avoid:	Not determined.
Hazardous decomposition products:	None.
Other data:	Hazardous reaction: none known when used appropriately.

11. Toxicological information

Acute toxicity:	Presence of Tetramethylammoniumchloride. See §3.
Chronic toxicity:	Not determined.
Inhalation:	May cause irritation. May be harmful.
Skin contact:	May cause skin irritation. May be harmful.
Eye contact:	May cause irritation.
Ingestion:	May be harmful.
Other data:	This substance is prepared from human serum. All products derived from blood are prepared exclusively from the blood of donors tested individually by an FDA-approved method and found to be negative for HbsAg and antibodies to HCV and HIV1/HIV2. Nevertheless it is impossible to reach complete information about the possibility of disease transmission, please handle as potentially infectious.

12. Ecological information

Mobility:	Not determined.
Degradability:	Not determined.
Bioaccumulative potential:	Not determined.
Ecotoxicology:	Not determined.
Other hazardous effects:	Substance slightly hazardous to water and ground water. Disposal procedures have to be respected (see §13).

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13. Disposal considerations

Surplus or waste (residues):	This product must be disposed of in compliance with antipollution and other laws of the country concerned.
Contaminated packaging:	Dispose of empty packs via local recycling or waste disposal routes. If necessary, clean them beforehand.

14. Transport information (International regulations)

General information:	Not subject to current regulations for transportation of hazardous goods.
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	
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

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.