

ABX Pentra Calcium AS CP	A91A00749AEN	16/03/2011
---------------------------------	---------------------	-------------------

1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX Pentra Calcium AS CP
Product code:	Ref. HORIBA Medical: A11A01954
1.2. Use of the product	
Diagnostic reagent for quantitative <i>in vitro</i> determination of calcium in serum, plasma and urine by colorimetry.	
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:	The product does not have to be labelled and classified in accordance with the current EU directives.
Specific risks	None determined.

3. Composition/information on ingredients	
3.1. Description of the kit	
	REAGENT : Mono-reagent cassette 1 x 79.0 mL
3.2. Hazardous ingredients (name, concentration)	
None in reportable quantity.	

4. First-aid-measures	
Inhalation:	Move victim to fresh air. Consult doctor in case of complaints.
Skin contact:	Remove contaminated clothing. In case of contact, immediately flush skin with copious amounts of water. Seek medical attention.
Eye contact:	Immediately wash eyes, also under the eyelids, with water for at least 15 minutes. If symptoms appear, seek medical advice.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. If symptoms appear, seek medical attention.

ABX Pentra Calcium AS CP	A91A00749AEN	16/03/2011
---------------------------------	---------------------	-------------------

5. Fire-fighting measures :

Extinguishing media:	CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.
Specific risks:	Formation of toxic gases is possible during heating or in case of fire.
Special protective equipment:	Wear a respiratory protective device and full protective gear.
Additional recommendations:	None.

6. Accidental release measures

Personal precautions:	Wear protective clothing. Ensure adequate ventilation. Avoid physical contact with material.
Environmental precautions:	Prevent from getting into soil, waterbodies or drains.
Methods for cleaning/absorption:	Soak up with absorbent materials such as sand, diatomite, acid binders, universal binders, sawdust. Clean the affected area carefully.

7. Handling and storage

7.1. Handling

Technical measures:	Avoid contact with skin and eyes.
Precautions:	Observe the standard laboratory precautions for use. Open and handle receptacle with care.
Handling recommendations:	Observe the warnings on the label.

7.2. Storage

Technical measures:	No special requirements.
Storage conditions:	Store at 2-8°C. Protect from light. Avoid exposure to heat.
Incompatible materials:	None determined.
Packaging materials:	None determined.

ABX Pentra Calcium AS CP	A91A00749AEN	16/03/2011
---------------------------------	---------------------	-------------------

8. Exposure controls/personal protection

8.1. Exposure limit values

Specific control parameters:	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
------------------------------	--

8.2. Exposure controls

8.2.1. Occupational exposure controls

Technical measures:	Not determined.
Respiratory protection:	Provide adequate ventilation. Under normal conditions, the use of these products should not require respiratory protection.
Hand protection:	Protective gloves according to EN 374. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection:	Tightly sealed safety glasses according to EN 166 recommended during refilling.
Skin protection:	Lab coat.
Hygiene measures:	Change contaminated clothes. Wash hands before breaks and at the end of the work.

8.2.2. Environmental exposure controls

Not available.	
----------------	--

9. Physical and chemical properties

9.1. General information

Physical state:	Liquid		
Colour:	Violet	Odour:	Odourless

9.2. Important health, safety and environmental information

pH:	6.5 at 20°C	Relative density:	1.003 g/mL at 20°C
Boiling point:	Not available.	Solubility:	Miscible (in water).
Flash point:	Not applicable	Partition coefficient:	Not available.
Flammability (solid, gaz):	Not available.	Viscosity:	Not available.
Explosive properties:	Product does not present an explosion hazard.	Vapour density:	Not available.
Oxidizing properties:	Not available.	Evaporation rate:	Not available.

ABX Pentra Calcium AS CP	A91A00749AEN	16/03/2011
---------------------------------	---------------------	-------------------

10. Stability and reactivity	
Conditions to avoid:	No relevant information available.
Materials to avoid:	Strong oxidizing agents, acids, bases.
Hazardous decomposition products:	No decomposition if used according to specifications.
Other data:	Stable at the recommended storage temperature and if protected from light. Avoid exposure to heat.

11. Toxicological information	
Acute toxicity:	Primary irritant effect: - on the skin: may cause irritating effect. - on the eye: may cause irritating effect.
Chronic toxicity:	Not determined.
Inhalation:	May cause irritating effect. May be harmful by inhalation.
Skin contact:	Not determined.
Eye contact:	Not determined.
Ingestion:	May be harmful if swallowed.
Other data:	Sensitization: No sensitizing effects known. The product does not have to be labelled and classified in accordance with the current EU directives. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. Ecological information	
12.1. Ecotoxicity:	At present there are no ecotoxicological assessments. Disposal procedures have to be respected. Water hazard class 1 (German Regulation) (self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Aquatic toxicity: no further relevant information available.
12.2. Mobility:	Not determined.
12.3. Degradability:	Not determined.
12.4. Bioaccumulative potential:	Not determined.
12.5. Results of PBT assessment:	Not applicable.
12.6. Other hazardous effects:	No further relevant information available.

ABX Pentra Calcium AS CP	A91A00749AEN	16/03/2011
---------------------------------	---------------------	-------------------

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.
---	--

14. Transport information (International regulations)

By air (IATA):	Appropriate shipping name: UN number: Risk category: Packing group:	Not restricted.
By land (European ADR):	Shipping name: UN number: Risk category: Packing group:	Not applicable.
By sea (IMDG):	Shipping name: UN number: Risk category: Packing group: Marine polluante:	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.

ABX Pentra Calcium AS CP	A91A00749AEN	16/03/2011
---------------------------------	---------------------	-------------------

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.