

<b>ABX Pentra Phosphorus CP</b>	<b>A91A00590B</b>	<b>15/02/2005</b>
---------------------------------	-------------------	-------------------

<b>1. Product and company identification</b>	
<b>1.1. Identification of the product</b>	
Product name:	ABX Pentra Phosphorus CP
Product code:	Ref.ABX: A11A01665
<b>1.2. Company identification</b>	
	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
<b>1.3. Emergency phone number</b>	
	Contact the nearest first-aid station

<b>2. Composition/information on ingredients</b>	
<b>2.1. Description of the kit</b>	
	<b>REAGENT</b> : 1 x 29 ml (mono-reagent cassette)
<b>2.2. Hazardous ingredients (name, concentration)</b>	
	Sulfuric Acid 210 mmol/l (<2.2%)
<b>2.3. Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): Yes</b>	

<b>3. Hazards identification</b>	
Most important hazards:	<b>Xi - Irritant</b> Man : Effect of acute exposure: Eyes, skin contact: May cause irritation. Inhalation: May cause irritation, may be harmful. Ingestion: May be harmful Environment : substance (sulfuric acid) is slightly hazardous fo water and ground.
Specific risks	R36/38 S26-S37/39

<b>4. First-aid-measures</b>	
Inhalation:	Provide fresh air. If breathing is difficult, get medical attention.
Skin contact:	Wash skin with water.
Eye contact:	Immediately wash eyes, also under the eyelids, with water for at least 15 minutes. Get medical attention.
Ingestion:	Get medical attention immediately.

<b>ABX Pentra Phosphorus CP</b>	<b>A91A00590B</b>	<b>15/02/2005</b>
---------------------------------	-------------------	-------------------

<b>5. Fire-fighting measures</b>	
Extinguishing media:	Use whatever is required for the surrounding area.
Specific risks:	None determined.
Special protective equipment:	None determined.
Additional recommendations:	Thermal decomposition: dangerous decomposition products and gases which are damaging to health in large quantities are not anticipated.

<b>6. Accidental release measures</b>	
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.

<b>7. Handling and storage</b>	
<b>7.1. Handling</b>	
Technical measures:	No special requirements.
Precautions:	Open and handle vial with due care.
Handling recommendations:	Avoid contact with the eyes, skin and clothing. Wash hands before and after use.
<b>7.2. Storage</b>	
Technical measures:	No special requirements.
Storage conditions:	Store protected from light and tightly closed at 2-8°C.
Incompatible materials:	None determined.
Packaging materials:	No special requirements.

<b>8. Exposure controls/personal protection</b>	
Specific control parameters:	None determined.
Technical measures:	Use general room ventilation.
Respiratory protection:	Mask or appropriate respirator.
Hand protection:	Protective gloves.
Eye protection:	Safety goggles.
Skin protection:	Lab coat.
Hygiene measures:	Wash hands before and after use.

<b>ABX Pentra Phosphorus CP</b>	<b>A91A00590B</b>	<b>15/02/2005</b>
---------------------------------	-------------------	-------------------

## 9. Physical and chemical properties

Physical state:	Clear, aqueous solution	Autoflammability:	Not determined
Colour:	Colourless or very slight yellow	Explosive properties:	Not determined
Odour:	Not determined	Oxidizing properties:	Not determined
pH:	Not determined	Vapour pressure:	Not determined
Boiling point:	Not determined	Relative density:	Not determined
Melting point:	Not determined	Solubility:	Not determined
Flashing point:	Not determined	Partition coefficient:	Not determined
Flammability (solid, gaz):	Not determined	Other data:	Not determined

## 10. Stability and reactivity : Stable

Conditions to avoid:	Avoid excessive heat.
Materials to avoid:	None determined.
Hazardous decomposition products:	None determined.
Other data:	Hazardous polymerization will not occur.

## 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:	No toxicological problems are expected when the reagents are handled and used with due care and attention.

## 12. Ecological information

Mobility:	Not determined.
Degradability:	Not determined.
Bioaccumulative potential:	Not determined.
Ecotoxicology:	No ecological problems are expected when the reagents are handled and used with due care and attention.
Other hazardous effects:	Substance is slightly hazardous for water and ground water. Disposal procedures have to be respected (see §13).

## 13. Disposal considerations

Surplus or waste (residues):	The product must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:	The product container is HD polyethylene (cassette). Packaging must be disposed of according to local regulations.

<b>ABX Pentra Phosphorus CP</b>	<b>A91A00590B</b>	<b>15/02/2005</b>
---------------------------------	-------------------	-------------------

#### 14. Transport information (International regulations)

General information:	<b>REAGENT:</b> ◆ Proper shipping name: <b>CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s. (SULFURIC ACID)</b> . ◆ UN-Number: <b>UN3264 (Excepted quantities)</b> . ◆ Hazard class: <b>8, III</b> . ◆ Label(s): <b>Corrosive</b> . ◆ Unit volume: <b>29ml</b> . ◆ Sales unit: <b>1 cassette/kit</b> .	
	By air (IATA):	Packaging group: <b>III</b> Packing instruction (passenger aircraft): <b>818 (5L)</b>
By land (ADR):	Refer to regulation.	
By sea/river (IMDG):	Refer to regulation.	

#### 15. Regulatory information

Symbols:	Xi	Irritating
R phrases:	R36/38	Irritating to eyes and skin
S phrases:	S26  S37/39	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.
Substances:		
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.