

<b>ABX Pentra Deproteinizer CP</b>	<b>A91A00551BEN</b>	<b>13/06/2005</b>
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<b>1. Product and company identification</b>	
<b>1.1. Identification of the product</b>	
Product name:	ABX Pentra Deproteinizer CP
Product code:	Ref.ABX: A11A01754
<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>		
	REAGENT	30 ml
<b>2.2. Hazardous ingredients (name, concentration)</b>		
CAS No. 7681-52-9 (EEC No. 231-668-3) 1310-73-2 (EEC No. 215-185-5)	Sodium Hypochlorite Sodium Hydroxide	< 5% < 0.5%
<b>2.3. Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No</b>		

<b>3. Hazards identification</b>	
Most important hazards:	May cause burns in case of prolonged contact.
Specific risks	Harmful if swallowed, inhaled or absorbed through skin. Absorbs CO <sub>2</sub> of air.

<b>4. First-aid-measures</b>	
Inhalation:	Provide fresh air. If breathing is difficult, get medical attention.
Skin contact:	Remove contaminated clothing. Wash skin with plenty of water.
Eye contact:	Remove contaminated clothing. Immediately wash eyes, also under the eyelids, with water for at least 15 minutes.
Ingestion:	If patient is conscious, rinse out mouth and throat thoroughly with water. Do not drink neutralisation solution. Get medical attention.

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## 5. Fire-fighting measures : Non flammable

Extinguishing media:	No special requirements.
Specific risks:	Release of toxic fumes under fire conditions.
Special protective equipment:	No special requirements.
Additional recommendations:	None.

## 6. Accidental release measures

Personal precautions:	Evacuate area. Wear self-contained breathing apparatus rubber boots and heavy rubber gloves.
Environmental precautions:	Prevent from getting into sewage, water, ground.
Methods for cleaning/absorption:	Absorb on sand or vermiculite and place in closed container for disposal. Ventilate area and wash spill site after pickup is complete. Dispose of according to local regulations.

## 7. Handling and storage

### 7.1. Handling

Technical measures:	No special requirements.
Precautions:	The usual laboratory precautions should be observed.
Handling recommendations:	Wear a lab coat, protective gloves and safety goggles.

### 7.2. Storage

Technical measures:	No special requirements.
Storage conditions:	Store in tightly closed containers, under a cool dry condition.
Incompatible materials:	Do not store near acids.
Packaging materials:	No special requirements.

## 8. Exposure controls/personal protection

Specific control parameters:	None determined.
Technical measures:	Use general room ventilation.
Respiratory protection:	Not determined.
Hand protection:	Appropriate chemical resistant gloves.
Eye protection:	Safety goggles.
Skin protection:	Lab coat.
Hygiene measures:	Wash hands before and after use. Safety shower and eye bath.

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<b>9. Physical and chemical properties</b>			
Physical state:	Liquid	Autoflammability:	Not determined
Colour:	Yellow-green	Explosive properties:	Not determined
Odour:	Sui generis	Oxidizing properties:	Not determined
pH:	>12.5	Vapour pressure:	Not determined
Boiling point:	Not determined	Relative density:	1.09
Melting point:	Not determined	Solubility:	Not determined
Flashing point:	Not determined	Partition coefficient:	Not determined
Flammability (solid, gaz):	Not determined	Other data:	Not determined

<b>10. Stability and reactivity : Stable</b>	
Conditions to avoid:	Not determined.
Materials to avoid:	Acids, Aluminium/Zinc/Tin.
Hazardous decomposition products:	Chlore.
Other data:	Protect from light.

<b>11. Toxicological information</b>	
Acute toxicity:	Harmful if swallowed, inhaled or absorbed through skin. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes and skin.
Chronic toxicity:	Not determined.
Inhalation:	Harmful if inhaled. Extremely destructive to tissue of the mucous membranes and upper respiratory tract. Inhalation may be fatal as a result of spasm, inflammation and oedema of the larynx and bronchi, chemical pneumonitis and pulmonary oedema.
Skin contact:	Extremely destructive to skin and harmful when absorbed through skin.
Eye contact:	Extremely destructive to eyes.
Ingestion:	Extremely destructive to tissue of the mucous membranes and upper respiratory tract.
Other data:	Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

<b>12. Ecological information</b>	
Mobility:	Do not evacuate in environment. Container should be treated like reagent inside.
Degradability:	Not determined.
Bioaccumulative potential:	Not determined.
Ecotoxicology:	Toxic for plancton and fish.
Other hazardous effects:	Not determined.

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### 13. Disposal considerations

Surplus or waste (residues):	For small quantities: cautiously add to large stirred excess of water. Adjust the pH to neutral, separate any soluble solids or liquids and package them for hazardous-waste disposal. Flush the aqueous solution down the drain with plenty of water. The hydrolysis and neutralisation reactions may generate heat and fumes which can be controlled by the rate of addition.
Contaminated packaging:	Packaging must be disposed of according to local regulations.

### 14. Transport information (International regulations)

General information:	<b>REAGENT</b> : <ul style="list-style-type: none"> <li>◆ Proper shipping name: <b>Corrosive liquid, basic, inorganic, n.o.s.</b></li> <li>◆ UN-Number: <b>UN3266 (Excepted quantities).</b></li> <li>◆ Hazard class: <b>8.</b></li> <li>◆ Label(s): <b>Corrosive.</b></li> <li>◆ Unit volume: <b>30 ml.</b></li> <li>◆ Sales unit: <b>1 bottle/kit.</b></li> </ul>	
By air (IATA):	Packaging group: <b>III.</b>	Packing instructions (passenger aircraft): <b>818 (5L).</b>
By land (ADR):	Refer to regulation.	
By sea (IMDG):	Refer to regulation.	

### 15. Regulatory information

Symbols:	<b>None</b>	
R phrases:	None	
S phrases:	None	
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.