

<b>ABX Pentra CO<sub>2</sub> RTU</b>	<b>A91A00602BEN</b>	<b>11/10/2006</b>
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<b>1. Product and company identification</b>	
<b>1.1. Identification of the product</b>	
Product name:	ABX Pentra CO <sub>2</sub> RTU
Product code:	Ref.ABX: A11A01645
<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> : Mono-reagent kit; 2 x 20 ml; Buffer , Phosphoenolpyruvate (12.5 mmol/l), Phosphoenolpyruvate carboxylase (> 400 U/l), Malate dehydrogenase (> 4100 U/l), NADH analog (0.6 mmol/l), Activators, stabilizers, surfactant, preservative
<b>2.2. Hazardous ingredients (name, concentration)</b>	
<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:	Dangerous properties cannot be excluded. However, risks are not to be expected, when the product is handled by qualified and authorised personnel with the necessary precautions for chemicals/diagnostic reagents.
Specific risks:	Not determined.

<b>4. First-aid-measures</b>	
Inhalation:	Not determined.
Skin contact:	Immediately wash skin with plenty of water.
Eye contact:	Immediately wash eyes, also under the eyelids, with water for at least 15 minutes.
Ingestion:	Give extensive water for drinking, consult doctor if feeling unwell.

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## 5. Fire-fighting measures

Extinguishing media:	Not determined.
Specific risks:	Not determined.
Special protective equipment:	Not determined.
Additional recommendations:	The product is not flammable.

## 6. Accidental release measures

Personal precautions:	Not determined.
Environmental precautions:	Not determined.
Methods for cleaning/absorption:	Dilute with water and take up with absorbent material. Dispose of according to local regulations. Wash contaminated area.

## 7. Handling and storage

### 7.1. Handling

Technical measures:	No special requirements.
Precautions:	No special requirements.
Handling recommendations:	No special requirements.

### 7.2. Storage

Technical measures:	Not determined.
Storage conditions:	Store protected from light and tightly closed at 2-8°C. Do not freeze the reagents.
Incompatible materials:	Not determined.
Packaging materials:	Not determined.

## 8. Exposure controls/personal protection

Specific control parameters:	Not determined.
Technical measures:	Not determined.
Respiratory protection:	Not required.
Hand protection:	Protective gloves.
Eye protection:	Safety goggles.
Skin protection:	Lab coat.
Hygiene measures:	Change contaminated clothes. Wash hands before and after use.

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## 9. Physical and chemical properties

Physical state:	Liquid, aqueous clear solution	Autoflammability:	Not determined
Colour:	Slightly yellow	Explosive properties:	Not determined
Odour:	No characteristic odour	Oxidizing properties:	Not determined
pH:	7.6 (at 25°C)	Vapour pressure:	Not determined
Boiling point:	Not determined	Relative density:	1.0000 g/ml (at 20°C)
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

Conditions to avoid:	None known.
Materials to avoid:	None known.
Hazardous decomposition products:	None known.
Other data:	Not determined.

## 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:	Quantitative data about the product toxicity are not available. Dangerous properties cannot be excluded. However, risks are not to be expected, when the product is handled by qualified and authorised personnel with the necessary precautions for chemicals/diagnostic reagents.

## 12. Ecological information

Mobility:	Not determined.
Degradability:	Not determined.
Bioaccumulative potential:	Not determined.
Ecotoxicology:	Not determined.
Other hazardous effects:	Quantitative data on ecological effects of the product are not available.

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### 13. Disposal considerations

Surplus or waste (residues):	The products must be disposed of as a laboratory chemical according to local regulations.
Contaminated packaging:	Packaging must be disposed of according to local regulations.

### 14. Transport information (International regulations)

General information:	This product is 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.