

MATERIAL SAFETY DATA SHEET

ABX Pentra Deproteinizer CP - A91A00551-

2004/03/22

1. Product and company identification

1.1 Identification of the product:

Product name: ABX Pentra Deproteinizer CP

Product code: Ref. ABX ==> A11A01754

1.2 Company identification: ABX Diagnostics - 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

Chemical nature: REAGENT: 30 mL

Sodium hypochlorite < 5% CAS#: 7681-52-9 EEC#: 231-668-3

Sodium hydroxide < 0.5% CAS#: 1310-73-2 EEC#: 215-185-5

Hazardous ingredients:

(name, concentration)

Dangerous preparation according to No

67/548/EEC - 99/45/EEC (Yes/No) :

3. Hazards identification

Most important hazards:

Corrosive

Specific risks:

May cause burns.

Harmful by inhalation, in contact with skin and if swallowed.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

After contact with skin, wash immediately with plenty of water.

Wear suitable protective clothing, gloves and eye/face protection.

Absorbs CO₂ of air.

Protect from light.

Avoid contact with acid.

4. First-aid measures

Inhalation:

Skin contact:

In case of contact, immediately flush skin with copious amounts of water for at least 10 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Discard contaminated shoes.

Eye contact:

In case of contact, immediately flush eyes with copious amounts of water for at least 10 minutes while removing contaminated clothing and shoes.

Ingestion:

If swallowed, wash out mouth with water provided person is conscious. Don't drink neutralisation solution. Call a physician.

5. Fire-fighting measures

Extinguishing media:

Specific risks:

Non flammable.

Emits toxic fumes under fire conditions.

Special protective equipment:

Additional recommendations:

6. Accidental release measures

Personal precautions:

Evacuate area.

Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.

Environmental precautions:

Methods for cleaning / absorption:

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

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2004/03/22

7. Handling and storage

7.1 Handling: Refer to section 8

Technical measures:

Precautions:

Handling recommendations:

7.2 Storage:

Technical measures:

Keep tightly closed.

Storage conditions:

Store in a cool dry place.

Incompatible materials:

Don't store near acids.

Packaging materials:

8. Exposure controls/personal protection

Specific control parameters:

Technical measures:

Corrosive.

Do not get in eyes, on skin or on clothing.

Avoid prolonged or repeated exposure.

Wash thoroughly after handling.

Safety shower and eye bath.

Respiratory protection:

Hand protection:

Wear appropriate chemical resistant gloves.

Eye protection:

Wear safety goggles.

Skin protection:

Wear protective clothing.

Hygiene measures:

9. Physical and chemical properties

Physical state:

Liquid

Colour:

Yellow-green

Odour:

Sui generis

pH :

> 12.5

Boiling point:

Melting point:

Not applicable

Flashing point:

Not applicable

Flammability (solid, gas) :

Auto-flammability:

Explosive properties:

Oxidizing properties:

Vapour pressure:

Relative density:

1.09

Solubility:

Partition coefficient:

Other data:

10. Stability and reactivity

Conditions to avoid:

Data not available

Materials to avoid:

Acids. Aluminium/Zinc/Tin

Hazardous decomposition products:

Chlore

Other data:

Protect from light.

11. Toxicological information

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:

(sensitization, carcinogenicity, mutagenicity, teratogenicity, etc)

Inhalation:

Inhalation may be fatal as a result of spasm, inflammation and oedema of the larynx and bronchi, chemical pneumonitis and pulmonary oedema.

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes and skin.

Skin contact:

Eye contact:

Ingestion:

Other data:

Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

MATERIAL SAFETY DATA SHEET

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2004/03/22

12. Ecological information

Mobility: Don't evacuate in environment. Container should be treated like reagent inside.
Degradability:
Bioaccumulative potential:
Ecotoxicity: Toxic for plancton and fish.
Other hazardous effects:

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.
Observe all federal, state and local environmental regulations.

Contaminated packaging:

14. Transport information (International regulations)

By land:

By river:

By air:

REAGENT

- Proper shipping name: Corrosive liquid, basic, inorganic, n.o.s.
- UN-Number: **UN 3266** (Excepted Quantities).
- Hazard Class and packaging group: **8, III**.
- Label(s): Corrosive.
- Packing instruction (passenger aircraft): **IATA 818 (5L)**.
- Unit volume: 30 ml.
- Sales unit: 1 bottle/ kit.

By sea:

General information:

15. Regulatory information

Labelling according to EEC directives

The preparation is labelled according to EEC directive 91-155.

Symbols:

R phrases:

S phrases:

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.