

MATERIAL SAFETY DATA SHEET

ABX Pentra Etching CP - A91A00549 -

2004/03/29

1. Product and company identification

1.1 Identification of the product:

Product name: ABX Pentra Etching CP
Product code: Ref. ABX ==> A11A01769

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** : 1 x 25 mL
Diluted saline solution containing an ammonium fluoride and fluoric acid mixture.

Hazardous ingredients: Ammonium fluoride solution 0.42%
(name, concentration) Symbols : T
R Phrases : 23/24/25 34

Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No) : No

3. Hazards identification

Most important hazards:
Specific risks:

4. First-aid measures

Inhalation: N/A.
Skin contact: Wash with great amounts of water.
Eye contact: Wash with great amounts of water.
Ingestion: Rinse mouth with water and call in for a doctor.

5. Fire-fighting measures

Extinguishing media:
Specific risks: None.
Special protective equipment:
Additional recommendations:

6. Accidental release measures

Personal precautions: Wear safety goggles and protective gloves.
Environmental precautions:
Methods for cleaning / absorption: Wash the surface with great amounts of water.

7. Handling and storage

7.1 Handling:

Technical measures:
Precautions: Keep in its original container, tightly closed.
Handling recommendations: Wear protective gloves and goggles during handling.

7.2 Storage:

Technical measures:
Storage conditions: Store between 15-25°C
Incompatible materials:
Packaging materials:

8. Exposure controls/personal protection

Specific control parameters:

Technical measures:

Respiratory protection:

Hand protection: Wear protective gloves during handling.

Eye protection: Wear protective goggles during handling.

Skin protection:

Hygiene measures:

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9. Physical and chemical properties

<u>Physical state:</u>	Liquid	<u>Auto-flammability:</u>	Not determined
<u>Colour:</u>	Colourless	<u>Explosive properties:</u>	Not determined
<u>Odour:</u>	Not determined	<u>Oxidizing properties:</u>	Not determined
<u>pH :</u>	Not determined	<u>Vapour pressure:</u>	Not determined
<u>Boiling point:</u>	Not determined	<u>Relative density:</u>	Not determined
<u>Melting point:</u>	Not determined	<u>Solubility:</u>	Not determined
<u>Flashing point:</u>	Not determined	<u>Partition coefficient:</u>	Not determined
<u>Flammability (solid, gas) :</u>	Not determined	<u>Other data:</u>	

10. Stability and reactivity

<u>Conditions to avoid:</u>	Humidity
<u>Materials to avoid:</u>	
<u>Hazardous decomposition products:</u>	None
<u>Other data:</u>	

11. Toxicological information

<u>Acute toxicity:</u>	Not classified
<u>Chronic toxicity:</u> (sensitization, carcinogenicity, mutagenicity, teratogenicity, etc)	Not classified
<u>Inhalation:</u>	Not classified
<u>Skin contact:</u>	Not classified
<u>Eye contact:</u>	Not classified
<u>Ingestion:</u>	Not classified
<u>Other data:</u>	

12. Ecological information

<u>Mobility:</u>	Not classified
<u>Degradability:</u>	Not classified
<u>Bioaccumulative potential:</u>	Not classified
<u>Ecotoxicity:</u>	Not classified
<u>Other hazardous effects:</u>	

13. Disposal considerations

<u>Surplus or waste (residues):</u>	Observe all federal, state and local environmental regulations.
<u>Contaminated packaging:</u>	Dispose of according to local regulations.

14. Transport information (International regulations)

<u>By land:</u>	Not classified
<u>By river:</u>	Not classified
<u>By air:</u>	REAGENT <ul style="list-style-type: none">• Proper shipping name: Toxic liquid, inorganic, n.o.s.• UN-Number: UN 3287 (Excepted Quantities).• Hazard Class and packaging group: 6.1, III.• Label(s): Corrosive.• Packing instruction (passenger aircraft): IATA 611 (60L).• Unit volume: 25 ml.• Sales unit: 1 bottle/ kit.
<u>By sea:</u>	Not classified
<u>General information:</u>	

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15. Regulatory information

Labelling according to EEC directives

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.