

MATERIAL SAFETY DATA SHEET

ABX Pentra LDL Cal - A91A00600

2002/12/02

1. Product and company identification

1.1 Identification of the

product:

Product name: ABX Pentra LDL Cal

Product code: Ref. ABX ==> A11A01678

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

Description of the kit:

CAL : 2 × 1 ml (Lyophilised)

Chemical nature:

Sodium azide: less than 0.1%.

Hazardous ingredients:

(name, concentration)

Human serum (lipoproteins from the various lipoprotein classes including high density lipoproteins).

Dangerous preparation according to 67/548/EEC - 88/379/EEC:

3. Hazards identification

Most important hazards:

Human source material.

Treat as potentially infectious. Each serum donor unit used in the preparation of this product has been tested by an FDA approved method and found non-reactive for the presence of HbsAg, HCV and antibody to HIV 1/2. Because no known test method can offer complete assurance that infectious agents are absent, all human-based products should be handled in accordance with good laboratory practices using appropriate precautions.

Specific risks:

4. First-aid measures

Inhalation:

If breathing becomes difficult, a rash develops, or other allergic symptoms present, seek medical attention immediately.

Skin contact:

If overexposed by contact, remove affected clothing and shower off remaining material. Move to a clean well ventilated area.

Eye contact:

If excessive amount of material comes in contact with eyes, flush well with water. Ensure adequate flushing of the eye by separating the eyelids with the fingers.

Ingestion:

5. Fire-fighting measures

Extinguishing media:

Water, CO2, or chemical foam.

Specific risks:

None

Special protective equipment:

None

Additional recommendations:

None

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6. Accidental release measures

Personal precautions:

Protect exposed skin with a protective coat and gloves, nose and mouth with a dust mask, and the eyes with safety glasses or a face shield. Certain individuals may have an allergic reaction to over-exposure, and individuals showing signs of allergic reactions should be removed to a clean well ventilated area as soon as symptoms present.

Environmental precautions:

Methods for cleaning / absorption:

Contain spill with absorbent material and place in container for disposal. Ventilate area and wash spill site after pickup is complete. Should material enter drain, flush with large volumes of water to minimize the build of metal azides.

7. Handling and storage

7.1 Handling:

Technical measures:

See § 8.

Precautions:

See § 8.

Handling recommendations:

See § 8.

7.2 Storage:

Technical measures:

Storage conditions:

Store protected from light and tightly closed in refrigerator. Long-term storage at 2°C to 8°C is recommended. Avoid prolonged exposure to direct sunlight.

Incompatible materials:

Packaging materials:

8. Exposure controls/personal protection

Specific control parameters:

Technical measures:

Respiratory protection:

Hand protection:

Rubber or latex protective gloves.

Eye protection:

Wear safety glasses or goggles.

Skin protection:

Lab coat or other long sleeved garment.

Hygiene measures:

9. Physical and chemical properties

Physical state:

Powder.

Auto-flammability:

Not applicable.

Colour:

Pale yellow.

Explosive properties:

Not applicable.

Odour:

Not applicable.

Oxidizing properties:

Not applicable.

pH:

Not applicable.

Vapour pressure:

Not applicable.

Boiling point:

Not applicable.

Relative density:

Not applicable.

Melting point:

Not applicable.

Solubility:

Soluble in water.

Flashing point:

Not applicable.

Partition coefficient:

Not applicable.

Flammability (solid, gas):

Not applicable.

Other data:

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10. Stability and reactivity

Conditions to avoid:	Excessive heat may damage the material. Avoid contact with heavy metals or acids and prolonged exposure to direct sunlight.
Materials to avoid:	Acid chlorides, nitrogen oxides, heavy metals, strong acids and bases.
Hazardous decomposition products:	NO ₂ , NO.
Other data:	Stable. Hazardous polymerisation will not occur.

11. Toxicological information

Acute toxicity:	
Chronic toxicity:	
Inhalation:	May be harmful by inhalation. May cause respiratory irritation.
Skin contact:	May be harmful by skin absorption. May cause skin irritation.
Eye contact:	May cause eye irritation.
Ingestion:	May be harmful by ingestion.
Other data:	Human source material present. Although the product was found negative to Hepatitis-B surface antigen and antibodies to HIV 1/ 2 and HCV, it should be handled at Biosafety Level 2 as recommended for any potentially infectious serum specimen. The toxicological properties have not been thoroughly investigated.

12. Ecological information

Mobility:	
Degradability:	
Bioaccumulative potential:	Information specific to this product is not available.
Ecotoxicity:	
Other hazardous effects:	

13. Disposal considerations

Surplus or waste (residues):	This calibrator contains less than 0.1% of sodium azide as a preservative. As sodium azide may react with lead and copper to form explosive metal azides, this reagent should be disposed of by flushing with copious amounts of water. Disposal should be made in accordance with existing disposal practices employed for infectious waste at your institution. Observe all federal, state and local laws.
Contaminated packaging:	

14. Transport information (International regulations)

By land:	
By river:	
By air:	
By sea:	
General information:	Contact ABX Diagnostics for transportation information.

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15. Regulatory information

Labelling according to EEC directives:

Symbols:

R phrases:

S phrases:

Substances: Contains Sodium azide.

Other regulatory requirements:

16. Other information

This product is intended for IN VITRO diagnostic use only.

NOT FOR USE IN HUMANS.

The information given herein is based on the present state of our knowledge and is believed to be correct. It characterizes the product with regard to the appropriate safety precautions. It does not a guarantee properties of the product.