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|--------------------------|-------------------|-------------------|
| <b>ABX Pentra LDH CP</b> | <b>A91A00691A</b> | <b>11/03/2005</b> |
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|  |   |
|--|---|
| <b>1. Product and company identification</b> |   |
| <b>1.1. Identification of the product</b>    |   |
| Product name:                                | ABX Pentra LDH CP   |
| Product code:                                | Ref.ABX: A11A01824  |
| <b>1.2. Company identification</b>           |   |
|  | HORIBA ABX - Rue du Caducée - Parc Euromédecine<br>34184 MONTPELLIER CEDEX 4 - FRANCE<br>Tel: (33) 4 67 14 15 16<br>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>   |   |
|  | Bi-reagent cassette :<br><b>REAGENT 1</b> : 1 x 24 ml; Phosphate buffer, Pyruvate, Sodium azide<br><b>REAGENT 2</b> : 1 x 6 ml; Good's buffer, NADH, Sodium azide |
| <b>2.2. Hazardous ingredients (name, concentration)</b>                            |   |
| Sodium azide   | < 1 g/l for REAGENT 1 and REAGENT 2   |
| <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 ruled out. However, risks are not to be expected, if the product is handled by qualified and authorized personnel with the necessary precautions for chemicals/diagnostic reagents. |
| Specific risks                   | None   |

|                              |   |
|------------------------------|---|
| <b>4. First-aid-measures</b> |   |
| Inhalation:                  | No special requirements.  |
| Skin contact:                | Wash skin with water and soap.  |
| Eye contact:                 | 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. Get medical attention. |

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## 5. Fire-fighting measures : Product non flammable

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| Extinguishing media:          | Use whatever is required for the surrounding area. |
| Specific risks:               | Not determined.                                    |
| Special protective equipment: | Not determined.                                    |
| Additional recommendations:   | None.  |

## 6. Accidental release measures

|                                  |  |
|----------------------------------|--|
| Personal precautions:            | Wear a lab coat, protective gloves and safety goggles.             |
| Environmental precautions:       | Prevent from getting into sewage, water, ground.                   |
| Methods for cleaning/absorption: | Take up with absorbent material and place in a suitable container. |

## 7. Handling and storage

### 7.1. Handling

|                           |  |
|---------------------------|--|
| Technical measures:       | No special requirements.                             |
| Precautions:              | The usual laboratory precautions should be observed. |
| Handling recommendations: | No special requirements.                             |

### 7.2. Storage

|                         |   |
|-------------------------|---|
| Technical measures:     | No special requirements.                            |
| Storage conditions:     | Store protected from light at 2-8°C. Do not freeze. |
| Incompatible materials: | No special requirements.                            |
| Packaging materials:    | No special requirements.                            |

## 8. Exposure controls/personal protection

|                              |  |
|------------------------------|--|
| Specific control parameters: | None determined.   |
| Technical measures:          | Not determined.  |
| Respiratory protection:      | Not determined.  |
| Hand protection:             | Protective gloves.   |
| Eye protection:              | Safety goggles.  |
| Skin protection:             | Lab coat.  |
| Hygiene measures:            | Change contaminated clothing. 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:              | Colourless                                       | Explosive properties:  | Not determined   |
| Odour:               | Odourless  | Oxidizing properties:  | Not determined   |
| pH:                  | REAGENT 1: 7.5 at 25°C<br>REAGENT 2: 9.6 at 25°C | Vapour pressure:       | Not determined   |
| Boiling point:       | Not determined                                   | Relative density:      | REAGENT 1: 1.0072 g/ml at 20°C<br>REAGENT 2: 1.0007 g/ml at 20°C |
| Melting point:       | Not determined                                   | Solubility:            | Not determined   |
| Flashing point:      | Not determined                                   | Partition coefficient: | Not determined   |
| Flammability (solid, | Not determined                                   | Other data:            | Not determined   |

## 10. Stability and reactivity

|                                   |       |
|-----------------------------------|-------|
| Conditions to avoid:              | None. |
| Materials to avoid:               | None. |
| Hazardous decomposition products: | None. |
| Other data:                       | None. |

## 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 toxicity of the product are not available. Dangerous properties cannot be ruled out. However, risks are not to be expected, if the product is handled by qualified and authorized 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

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|------------------------------|---|
| Surplus or waste (residues): | These reagents contain 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.<br>The product 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)

|                      |                 |
|----------------------|-----------------|
| By land:             | Not applicable. |
| By river:            | Not applicable. |
| By air:              | Not applicable. |
| By sea:              | Not applicable. |
| General information: | None.           |

### 15. Regulatory information

|                                |  |  |
|--------------------------------|--|--|
| Symbols:                       | None   |  |
| 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.