

**MATERIAL SAFETY DATA SHEET**

In accordance with CE Regulation  
n° 1907/2006. Annexe 2.

Ref. : BA/909 64LB4PEB  
Version : 1  
Date updated : october 2010  
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Version : English

**1. Identification of preparation and of the company/undertaking**

**1.1 Trade name of the product:** LTB4 frozen kit - 1,000 tests  
**Product code: 64LB4PEB**

**1.2 Use**  
These products are for laboratory research use only and are not intended for human or animal diagnostics, therapeutics, or other clinical uses.

**1.3 Manufacturer / Supplier identification:**  
Cisbio Bioassays  
Parc Marcel Boiteux  
B.P. 84175  
30204 Bagnols-sur-Cèze  
Cedex

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Fax: +33 (0) 4 66 79 19 20  
E-Mail: bioassays@cisbio.com

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Phone : +33 (0) 4 66 79 67 05  
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**1.4 Emergency telephone number:** Customer service  
Phone: +33(0) 4 66 79 67 13  
Fax: +33 (0) 4 66 79 19 20  
E-Mail: bioassays@cisbio.com  
Internet <http://www.htrf.com>

**2. Hazard ingredients**

**Hazard identification (reagents)**

- Refer to item 3 for more information

**3. Composition / Information on ingredients**

**3.1. Chemical characterization :**

Reagents	Appearance	pH	Chemical				Reagents	
			Name	CAS	Symbol	R		
LTB4 calibrator	Liquid	-	Ethanol	64-17-5	F	R11	[C]> 40%	F (R11)

**4. First-aid and measures**

- **Eye or skin contact:** Immediately flush eyes or skin with plenty of water at least for 15 minutes. Remove contaminated clothing.
- **Inhalation:** Supply for fresh air. If not breathing, give artificial respiration. For any breathing problems supply with oxygen.
- **Ingestion:** Secure that the person is conscious. Flush mouth with water and immediately call a physician.

#### 5. Fire-fighting measures

- **Suitable extinguishing media:** Use dry chemical powder or appropriate foam extinguisher.
- **Protecting equipment for fire-fighting:** Put on breath protecting equipment, wear protecting clothing to prevent contact with skin and eyes.

#### 6. Accidental release measures

Use appropriate protective equipment and methods to clean up spilled substances promptly. Absorb spill using appropriate material. Collect and dispose waste in accordance with applicable regulations.

#### 7. Handling and storage

- **Handling**  
Advices for safe handling: Avoid inhalation, contact with eyes, skin and clothing.  
  
Precautions: Do not pipet by mouth. Do not eat, drink or smoke in areas where reagents are handled.  
Wear suitable one-way rubber gloves at work.  
Avoid any splash and formation of aerosols.  
Further advices see point 8.
- **Storage** Keep in properly labeled containers.

#### 8. Exposure controls / personal protection

- **Personal protective equipment**  
Respirator protection: Only required if dusts and aerosols are generated.  
Hand protection: Wear compatible chemical resistant gloves.  
Eye protection: Wear chemical safety goggles.  
Body protection: Wear protective clothing.  
  
**General protective and sanitary measures:** Safety shower and eyewash device.  
Immediately remove contaminated clothing.  
Wash hands after work.

#### 9. Physical and chemical properties

- **Appearance :** Refer to item 3  
**Physical state:**                      **Odour:** N/A
- **Chemical parameters :**  
  
pH : Refer item 3

#### 10. Stability and reactivity

- **Stability:** Data not available.
- **Conditions to avoid:** Strong heating

- **Incompability:** Data not available.
- **Hazardous or decomposition products:** If contains NaN<sub>3</sub>

### 11. Toxicological information

- **Toxicity:** Data not available.
- **General Advice:** Soluble inorganic fluoride contact with eyes, skin and mucous membranes leads to irritant and corrosive effects.  
Systematic effect: decrease of calcium-lever in blood, excitement, cramps, disturbances of blood circulation and central nervous system.

### 12. Ecological information

- **General advices:** Prevent from getting into sewage, water, ground
- **Mobility and (bio)accumulation potential:** Data not available.
- **Ecotoxicity:** Ecotoxic effects of the product are not expected. Quantitative data on the ecological effect of this product are not available.
- **Other information:** No ecological problems are expected when the product is handled and used with due care and attention.

### 13. Disposal consideration

- **Contaminated packaging:** Dispose of according to local regulations.  
Recommendation: remove residues. Empty containers should be returned to local recyclers
- **Products:** The product must be disposed of as a laboratory chemical according to local regulations. Please contact responsible authority. Used reagents plates and reagent kits dispose of as potential infectious laboratory waste.
- **Pollutes:** Remove pollutes with absorbing paper.  
All material used for cleaning up must be disposed of as infectious laboratory waste.

### 14. Transport information

Ground transportation/RID/ADR : Non-hazardous for road transport.  
Seaway/IMDG : Non-hazardous for sea transport.  
By air/OACI/IATA-DRG : Non-hazardous for air transport.

Dry Ice

### 15. Regulations

- **Reminder of Risk (buffer reagent):** EC Regulation  
Refer to national, regional and local regulations

### 16. Other information

- **Recommended use:** For research use only. Not for drug, household or other uses.

• **Attention:**

This safety data sheet has been drafted in conformity with CE regulation n° 1907/2006. Annexe 2. It completes the Instruction for Use but does not replace it.

This information is based on our present knowledge relative to the product at the date it was issued.

All information provided in this document is given in good faith based on the present knowledge status. The user's attention is drawn to possible risks related to using the product for any purposes or in any way not allowed in this document.

This safety information in no way dispenses users from thoroughly knowing and applying all regulatory texts related to their activity.

Any user is solely responsible for the precautions undertaken when using the product.