

**MATERIAL SAFETY DATA SHEET**  
**CHARLES RIVER ENDOSAFE**

Date of Issue: 07/15/02	Date of Revision
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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY**

**1.1 Identification of the preparation**

Commercial Name: Invitro Pyrogen Test Kit (IPT 100)

**1.2 Identification of the company**

Manufacturer: Charles River Endosafe  
 Postal Address: 1023 Wappoo Road, Suite 43-B  
 Town/County/Postal Code: Charleston, SC 29407  
 Country: United States

Telephone: 843-766-7575  
 Enquiry Point: David Glover  
 Emergency Telephone: 800-424-9300 Chemtrec

**2. COMPOSITION/INFORMATION OF INGREDIENTS**

**DESCRIPTION:**

Identification	CAS No.	EC No.	Weight	Danger Symbol	R Phrases
Thimerosal	26628-22-8	N/A	N/A	N/A	N/A
Hydrogen Peroxide	7722-84-1				
HCL	7647-01-0	N/A	N/A	N/A	N/A

Component	Catalog #	Concentration	Ingredient
Micro plate	M9100	-----	-----
Wash Buffer Concentrate	BW100	<0,05%	Thimerosal
Enzyme labeled Antibody	A100	<0,05%	Thimerosal
TMB Substrate Concentrate	S200	<0,1%	H2O2 Hydrogen Peroxide
0.9%NaCL Diluent	A200	-----	-----
Lipoteichoic Acid	A300	-----	-----
Stop Solution	A400	3.5%	HCL
Endotoxin Stabilizing Solution	BS101	-----	-----
2ng CSE	E130	-----	-----
Adhesive Plate Cover	A500	-----	-----

### 3. HAZARD INFORMATION

**Identification of the danger.**

**Indication of particular dangers for man and the environment**

**Emergency Overview:** Possible Allergen- may irritate skin, eyes, and respiratory tract.

**POTENTIAL HEALTH EFFECTS:**

**Eye contact:** Thimerosal is toxic. Avoid contact with eyes, skin, and clothing.

HCL is a corrosive material, Avoid contact with eyes, skin, and clothing.

**Skin Contact:** HCL is a corrosive material, Avoid contact with eyes, skin, and clothing

**Skin absorption:** HCL is a corrosive material, Avoid contact with eyes, skin, and clothing

**Inhalation:** N/A

**Ingestion:** Thimerosal is toxic. Avoid contact with eyes, skin, and clothing.

**Carcinogenicity:** N/A

### 4. FIRST AID MEASURES

**General Indication:**

**Inhalation:** Remove to fresh air

**Contact with skin:** Flush with water for 15 minutes

**Contact with eyes:** Flush with water for 15 minutes

**Ingestion:** Flush mouth with water, get medical attention

**Indication for physician:**

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Hydrogen Peroxide easily oxidizes materials. Avoid contact between hydrogen peroxide and easily oxidizing materials.

**Extinguishing media to avoid for safety reasons:** N/A

**Particular hazards arising from the product itself , from the products of Combustion or from resulting gases:** N/A

**Particular fire-fighting equipment:** Firemen should wear normal protective equipment (bunker gear) and positive pressure self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** wear disposable rubber gloves while handling these components.

**Measures to protect the environment:** avoid splashing or forming an aerosol.

**Methods for cleaning/removal:** wet sponge or damp clothe

**Additional indications:**

### 7. HANDLING AND STORAGE

#### 7.1 HANDLING

**Safe handling indications:** avoid contact with skin and eyes

**Indications on protection against fire and explosion:** non flammable, will not ignite under normal conditions.

#### 7.2 STORAGE

**Requirements for storage rooms or containers:** 2° - 8°C

**Indication about incompatible materials for storage:** N/A

**Further data about the storage, storage class:**

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Additional indications relating to the design of technical systems: (No hazardous ingredients)**

**Ingredients with workplace related threshold limit values which require monitoring: N/A**

### INDIVIDUAL PROTECTION

**Respiratory protection:**

**Hand protection:** rubber gloves

**Eye Protection:** Safety glasses

**Skin protection:** lab coat

**Protective and hygiene measures:** wash hands after use

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** clear liquid

**Color:** clear

**Odor:** odorless

**pH:**

**Boiling point/boiling range:** N/A

**Melting point/melting range:** not applicable

**Flash point:** not applicable

**Flammability (solid, gases):** not applicable

**Auto ignition temperature:** not applicable

**Explosive properties:** not applicable

**Vapour pressure:** not applicable

**Specific gravity:**

**Water solubility:** soluble

**Partition coefficient:**

**Other:**

## 10. STABILITY AND REACTIVITY

**Conditions to avoid:** breathing dust generated from the product

**Materials to avoid:**

**Hazardous decomposition products:**

**Further information:** this material is stable under normal conditions and anticipated ambient storage and handling conditions.

**11. TOXICOLOGICAL INFORMATION****ACUTE TOXICITY**

Relevant LD<sub>50</sub> values for classification N/A

Oral: not available (not listed in RETECS)

Dermal: not available (not listed in RETECS)

Inhalation: not available (not listed in RETECS)

**IRRITATION**

Skin:

Eyes:

**SUBACUTE TO CHRONIC TOXICITY**

Particular observations/data: not available

**12. ECOLOGICAL INFORMATION****PREPARATION**

Data on elimination (persistence and degradability)

No data at this time

**BEHAVIOUR IN ENVIRONMENTAL COMPARTMENTS**

Mobility and potential for bioaccumulation

No data at this time

**ECOTOXICOLOGICAL EFFECTS**

Aquatic toxicity:

**13. DISPOSAL CONSIDERATIONS****PRODUCT**

**Recommendation:** discard in biohazardous waste for proper disposal. Any disposal must be in compliance with local, state, and federal laws and regulations.

**CONTAMINATED PACKAGE**

**Recommendation:** discard in biohazardous waste for proper disposal. Any disposal must be in compliance with local, state, and federal laws and regulations.

**14. TRANSPORT INFORMATION****Land transport****ADR/RID/GGVS/GGVE class:** EPA: CERCLA RQ, TPQ = NOT LISTED**Inland waterways transport****AND/ADNR class:** NOT LISTED**Sea transport****IMDG/GGVSea class:** NOT LISTED**Air transport****ICAO/IATA class:** NOT LISTED**15. REGULATORY INFORMATION****Labeling according to EEC Directives:** N/ANational regulations: **N/A****16. OTHER INFORMATION**

**This product is a chemical substance and intended to be used by persons having chemical knowledge and skill, as their own discretion and risk. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Charles River Endosafe shall not be held liable for any damage resulting from handling or from contact with the above material.**