

SAFETY DATA SHEET

**Section 1 Chemical Name and Company Details**

**Cation adjusted Mueller Hinton broth with TES**

**Product code: T3462-05 (5ml), T3462 (11ml)**

TREK Diagnostic Systems Ltd.  
Units 17 – 19  
Birches Industrial Estate  
East Grinstead  
West Sussex  
RH19 1XZ  
UK

Tel: +44(0)1342 318777

Fax: +44(0)1342 318666

**Section 2 Composition and Information on Ingredients**

Aqueous solution containing calcium ions, magnesium ions, Mueller Hinton base broth and TES biological buffer. Supplied in both 5 and 11ml volumes in borosilicate screw top tubes.

This product does not present a health hazard within the meaning of the dangerous substances directive 67/548/EEC.

**Section 3 Hazards Identification**

This product is not classified as hazardous and no known health hazard is known to be associated with exposure to this product.

This product is however used in conjunction with bacterial cultures and any hazards associated with the cultures in use, should be recognised and appropriate additional precautions or actions taken.

**Section 4 First Aid Measures**

**Eyes:** Wash with copious amounts of water and see a physician if symptoms persist.

**Skin:** Wash with soap/water; consult a doctor if irritation develops.

**Ingestion:** Not applicable under normal conditions of use but seek medical attention if abdominal distress occurs .

**Inhalation:** Not applicable under normal conditions of use but seek medical attention if respiratory distress occurs.

SAFETY DATA SHEET

**Section 5 Fire Fighting Measures**

No special precautions are required in the event of fire. Use a fire extinguisher appropriate to local fire conditions.

**Section 6 Accidental Release Measures**

In general the affected area should be treated as any other non hazardous liquid spill.

If however the broth has been inoculated with a culture the spill should be considered to be bio-hazardous waste and the spill treated as such.

**Section 7 Handling and Storage**

Store at room temperature (15-25°C) in the original packaging.

**Section 8 Exposure Controls, Personal Protection**

In general no personal protection is required, but for this products intended use with bacterial cultures the usual precautions of a laboratory coat, safety glasses and appropriate gloves would be recommended.

Additional requirements may be indicated by assessment on use of any given bacterial species such as masks or safety cabinets.

SAFETY DATA SHEET

**Section 9 Physical and Chemical Properties**

Straw coloured liquid.

**Section 10 Stability and Reactivity**

Stable under normal conditions of use and storage, avoid high temperatures and direct sun light as this may cause degradation of organic components.

**Section 11 Toxicological Information**

All of the component parts are of a low order of toxicity in their pure powder forms and in solution, any possible minor respiratory irritation that could be caused by non hazardous “nuisance dusts” is eliminated. The most hazardous component is TES biological buffer and is only considered a mild irritant in its unadulterated state.

**Section 12 Ecological Information**

No relevant studies have been identified.

SAFETY DATA SHEET

**Section 13 Disposal Considerations**

Uncontaminated broth can be disposed of as non hazardous waste according to local/federal waste disposal regulations.

Broth inoculated with bacterial cultures should be sterilised by autoclaving or incineration prior to disposal according to local/federal waste regulations.

**Section 14 Transport Information**

This is a non hazardous material no special EU or US shipping regulations/restrictions affect the shipping of this product.

**Section 15 Regulatory Information**

**Risk phrases:** none

**Safety phrases:** none

**EC classification:** none

**Section 16 Other Information**

- 1) The above information is believed to be correct but does not purport to be all-inclusive and should only be used as a guide. TREK shall not be held responsible for any damage resulting from handling or contact with the above material.
- 2) This MSDS complies with REACH (2007) and CHIP (1993).

Version: CID7565/V1.3