

SAFETY DATA SHEET

Section 1 Chemical Name and Company Details

Cation adjusted Mueller Hinton Broth with OADC

Product code T8005/T8006

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Section 2 Composition and Information on Ingredients

Aqueous solution containing calcium ions, magnesium ions Mueller Hinton base broth, TES biological buffer and supplemented with 1ml OADC to 10ml broth. Supplied in 11ml volumes in borosilicate screw top tubes.

OADC enrichment is not considered hazardous by the supplier. The actual formulation is proprietary but supplier information implies the presence of oleic acid and catalase, neither are considered hazardous in their pure states. The enrichment is cited as being at pH 7.1 so the HCL and NaOH also present, cited by the supplier must be at a low level for reasons of buffering and poses no hazard.

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.

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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 refrigerated at 2-8°C away from light 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.

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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.

The presence of HCL and NaOH in the OADC enrichment has been determined to be present at non hazardous levels for the purpose of setting pH and is further diluted in the final Trek broth

Section 12 Ecological Information

No relevant studies have been identified.

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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).

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