

SAFETY DATA SHEET

Section 1 Chemical Name and Company Details

0.5 Mc Farland Standard
0.9 Mc Farland Standard

Product code E1041
Product code E1039

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Section 2 Composition and Information on Ingredients

Ultra pure water containing micro beads of styrene di-vinyl benzene supplied in screw top borosilicate tubes.

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

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 standard has been contaminated 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.

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Section 9 Physical and Chemical Properties

Opaque/turbid solution.

Section 10 Stability and Reactivity

Stable under normal conditions of use and storage. Avoid high temperatures as this may degrade the styrene beads. Do not vortex or refrigerate as this could cause the styrene beads to clump affecting the performance of the product.

Section 11 Toxicological Information

The styrene component is of a low order of toxicity in a polymerised micro-bead state, in its pure monomer form prior to processing this material is flammable an irritant and a possible carcinogen.

Section 12 Ecological Information

No relevant studies have been identified.

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Section 13 Disposal Considerations

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

Contaminated standards 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