

SAFETY DATA SHEET

**Section 1 Chemical Name and Company Details**

**alamar Blue®**

**Product code: 00-025 (25ml), 00-030(30ml), 00-100 (100ml)**

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**Section 2 Composition and Information on Ingredients**

Indicator. Supplied in 100ml volumes, 30ml volumes and 25ml volumes square co-polyester bottles with high density polyethylene lids.

alamar Blue® Solution Contains:

Component 1

Component 2

Reagent

Colour

Deionised water

**Section 3 Hazards Identification**

This product does not present a health hazard within the meaning of the dangerous substances directive 67/548/EEC and according to the OSHA Hazardous Communication Standard 29 CFR 1910:1200. This information is believed to be correct at the time this data sheet was prepared and is based upon 29 CFR 1910:1200 (d) "Hazard Determination".

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**

Foam, dry powder, or carbon dioxide fire extinguisher as 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 spilled alamar Blue<sup>®</sup> has been in contact 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**

Dark Blue liquid.

**Section 10 Stability and Reactivity**

Stable. Avoid exposure to light, elevated temperatures, strong acids and oxidisers.

**Section 11 Toxicological Information**

Component 1: may cause skin/eye irritation in its unadulterated form as well as cyanosis, vomiting, dizziness by inhalation.

Component 2: liberates toxic gas on contact with acids may cause skin/eye irritation in its unadulterated form as well as cyanosis, vomiting, dizziness by inhalation.

Reagent: an irritant in its unadulterated form R36/37/38 S26/36.

Colour: harmful in its unadulterated form R22 R41 Causes eye/skin irritation.

All the above components are in low concentration in aqueous solution and as such are not considered to pose serious risk to an operator under normal conditions of use.

**Section 12 Ecological Information**

No relevant studies have been identified.

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**Section 13 Disposal Considerations**

Uncontaminated alamar Blue<sup>®</sup> can be disposed of as non hazardous waste according to local/federal waste disposal regulations.

alamar Blue<sup>®</sup> contaminated 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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