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0

Product:

AMT Rapid Bac Enterococcus Test

Product Code:

AMT-I-B-007

MATERIAL SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION AND INFORMATION

Product name: AMT Enterococcus Test

Product code: AMT-I-B-007

Reagent Application Area: For detection of Enterococcus in liquid sample

2 INFORMATION ON INGREDIENTS AND TOXICITY DATA

Chemical components (trade secret):

Yeast extract: 1-15%; Peptone: 1-10%; Sodium citrate: 0.1-5%; Tryptone: 10-40%; Esculin: 1-5%; Ferric ammonium citrate: 1-15%; Oxgall: 10-30%; Sodium azide: 0.1-2%; Sodium chloride: 1-15%.

Reagents are blended together in sterile condition. These media are then lyophilized to powder and sealed within the ampoule under vacuum environment.

All the components are sterile. This sealed ampoule is packed in the box containing a thick sheet of paper insert, which protects the contents during storage and transport.

STANDARD PACKING: One pack contains 30 ampoules. Each ampoule contains about 0.1 g reagent.

3 HAZARDS IDENTIFICATION

Non hazardous

Non flammable

Do not swallow reagent and ampoule

Watch out broken glass / sharps

4 FIRST AIS MEASURES

Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing. Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion: Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media: no restrictions, the product is not flammable.

	<p>Unsuitable Extinguishing Media: no restrictions.</p> <p>Special Hazards in Fire: fire exposition with a rapid temperature rise may induce vial explosion</p>
6	<p><u>ACCIDENTAL RELEASE MEASURES</u></p> <p>Personal Precautions: no toxic vapors are released by accidental breakage. Avoid skin contact with the content of the vial and wear protective gloves during the manipulation of the liquids and glass fragments.</p> <p>Environmental Precautions: vial content and washings may be disposed through sewage according to local regulations, or sent to the waste water treatment.</p> <p>Methods for Cleaning: wipe the liquid. Wash the surface with water and dispose glass fragments</p>
7	<p><u>HANDLING AND STORAGE</u></p> <p>Handling: no special handling requirements are necessary. Avoid accidental direct contacts with vial content.</p> <p>Storage: Store at 2-25 °C, avoid directly light contact.</p>
8	<p><u>EXPOSURE CONTROLS / PERSONAL PROTECTION</u></p> <p>Specific precautions are not required.</p>
9	<p><u>PHYSICAL & CHEMICAL PROPERTIES</u></p> <p>Physical State: solid</p> <p>Color: yellow</p> <p>Odor: odorless</p> <p>Auto-Ignition Temp.: not flammable</p> <p>Water Solubility at 20 °C: soluble</p>
10	<p><u>STABILITY & REACTIVITY</u></p> <p>Conditions to Avoid: high temperature, direct sun light</p> <p>Materials to Avoid: none</p> <p>Hazardous Decomposition Products: none</p>
11	<p><u>TOXICOLOGICAL INFORMATION</u></p> <p>Routes of Entry: Eye contact. Inhalation. Ingestion.</p> <p>Effects on Humans: Very hazardous in case of skin contact (irritant). Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).</p> <p>Special Remarks on Toxicity to Animals: Not available.</p> <p>Special Remarks on Chronic Effects on Humans: Not available.</p> <p>Special Remarks on other Toxic Effects on Humans: Not available</p>
12	<p><u>ECOLOGICAL INFORMATION</u></p> <p>Ecotoxicity: Not available. BOD5 and COD: Not available.</p> <p>Products of Biodegradation: Possibly hazardous short/long term degradation products are to be expected.</p> <p>Toxicity of the Products of Biodegradation: The products of degradation are more toxic.</p> <p>Special Remarks on the Products of Biodegradation: Not available.</p>
13	<p><u>DISPOSAL CONSIDERATION</u></p> <p>Not used vials:</p> <p>Vials ingredients are not toxic so the liquid culture medium can be disposed through sewage according to local regulations, or sent to the waste water treatment, if the expiration date is over. Empty vial can be reclaimed by simple washing with water and recycled or disposed as a non-dangerous material.</p> <p>Inoculated vials:</p> <p>If the injected liquid contains toxic ingredients, follow instruction for the disposal of such substances.</p>

	<p>Is advisable to neutralize bacteria growth eventually present in injected vials by thermal sterilization (autoclaving or one hour boiling) or by chemical sterilization (1 ml injection of bleach liquor).</p> <p>If thermal sterilization is used is recommended to put the vials in thermal resistant bags to avoid liquid spreading through the pierced seal during the heating.</p>
14	<p><u>TRANSPORATION INFORMATION</u></p> <p>None</p>
15	<p><u>REGULATOR INFORMATION</u></p> <p>The product is not classified as dangerous</p>
16	<p><u>OTHER INFORMATION</u></p> <p>Data source: NIOSH Registry of toxic effects of chemical substances. MSDS of raw materials</p> <p>Contact info: AMT Scientific LLC. 3916 Vero Rd., Ste. K, Halethorpe, MD 21244. admin@amtscientific.net</p> <p>This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. MSDS do not represent a warranty of product properties.</p>