

ROE-TECH 103 A, B**IDENTITY (As Used on Label and List)**

Roe-Tech 103 A, B (Powder)

Date Prepared – 11/27/07 Reviewed – 06/26/08
Person Preparing Document - David Lawler**Section 1****Manufacturer's name**

Roebic Technology, Inc.

Emergency Telephone Number

1-203-795-1283

Address (Number, Street, City, State, and ZIP Code)25 Connair Road, PO Box 927
Orange, CT 06477**Telephone Number for Information**

1-203-795-1283

Section 2 - Hazardous Ingredients / Identity Information**Hazardous Components (Specific Chemical Identity; Common Name(s)):****INGREDIENTS****CAS NUMBER****PERCENT**Viable Bacteria (non-pathogenic Bacillus species)
on wheat bran base

116469-86-4

100%

Section 3 - Physical / Chemical Characteristics**Boiling Point** – N/A**Vapor Pressure (mm Hg.)** – N/A**Vapor Density (AIR = 1)** - N/A**Solubility in Water** – 90% viable bacteria on wheat bran carrier.**Specific Gravity (H2O = 1)** – 1.2**Melting Point** – N/A**Evaporation Rate (Butyl Acetate = 1)** – N/A**Appearance & Odor** – Tan powder, earthy odor.**Section 4 - Fire & Explosion Hazard Data****Flash Point Method Used** – N/A**Extinguishing Media** – N/A**Special Fire Fighting Procedures** - Water, CO₂, dry chemical**Unusual Fire & Explosion Hazards** - None**Flammable Limits - LEL UEL** - N/A**Section 5 - Reactivity Data****Stability** – Stable under normal conditions.**Incompatibility (Materials to Avoid):**

Strong acids or alkali may kill bacteria.

Hazardous Polymerization – None**Conditions to Avoid** – Store below 90° F.**Hazardous Decomposition of By-products** – None**Section 6 - Health Hazard Data****Route(s) of Entry:** Inhalation? Yes Skin? Yes Ingestion? Yes**Health Hazards (Acute & Chronic):****Chronic** – Prolonged or repeated exposure may cause allergic dermatitis.**Acute** - Skin Contact: Possible infection of open wounds.

ROE-TECH 103 A, B**Section 6 – Health Hazard Data (continued)**

Eye Contact: Irritation possible from dust.

Ingestion: Little or no effect in small amounts.

Carcinogenicity: NTP? N/A IARC Monographs? N/A OSHA Regulated? N/A

Signs & Systems of Exposure:

Dermal: Redness, Other signs of topical infection

Eyes: Redness, Itching, Other signs of infection

Medical Conditions Generally Aggravated by Exposure – Asthma, Lung disease may be aggravated by dust.

Emergency & First Aid Procedures:

Skin Contact: Wash with soap and water (Bacteria are susceptible to several antibiotics).

Eye Contact: Flush with plenty of water, contact physician (Bacteria are susceptible to many antibiotics).

Section 7 - Precautions for Safe Handling & Use

Steps to be taken in case material is released or spilled:

Wear nuisance respirator while sweeping up powder. Avoid skin and eye contact. Wash skin and clothes with soap and water.

Waste Disposal Method:

Dispose in accordance with all state, local and Federal laws.

Precautions to be taken in handling and storing:

Wash hands thoroughly with soap and water after use. Avoid contact with eyes.

Other Precautions:

None other than those listed in Section 8. Use good hygiene practices when handling live organisms.

Section 8 - Control Measures

Respiratory Protection (Specify Type): Normal Room Ventilation

Ventilation: Local Exhaust? Yes

Mechanical (General)? None

Special? No

Other? None

Eye Protection: Use protective glasses to avoid contact.

Work / Hygienic Practices: Avoid creation of dust.

Protective Gloves: If prolonged exposure is anticipated.

Other Protective Clothing or Equipment: As mentioned in Section 7.