

1. Product Identification

Form: Free-flowing Powder
 Color: Tan
 Odor: Yeast like odor

2. Hazardous Ingredients

Hazardous Components: Viable Bacterial Culture 100%

3. Physical / Chemical Data

Bulk Density: 0.6 - 0.8 gr/cc
 Water Solubility: Moderate - disperses in water

4. Fire and Explosion Data

pH: 6.0 to 7.0 when mixed with water
 Flash Point: N/A
 Special Fire Fighting Procedures: None
 Extinguishing Media: Water

5. Reactivity Data

Stability: Stable
 Conditions to Avoid: Accumulation of product in confined area
 Hazardous Byproducts: None
 Hazardous Polymerization: Will not occur
 Incompatibility: Acids or alkalis may inactivate biological cultures

6. Health Hazard Data

Eye Contact: May cause irritation.
 First Aid: Flush with water for at least 15 minutes. Contact physician.
 Recommended Precautions: Safety goggles. Avoid creating dust or an enclosed environment.

Skin Contact: Exposure can cause irritation if a person has a history of dermal allergic reaction.
 First Aid: Wash with soap and water.
 Recommended Precautions: Limit exposure. Use rubber gloves. Do not handle product directly.

Ingestion: Considered non toxic but can lead to nausea or diarrhea.
 immediately. First Aid: Give two glasses of water to dilute product, do not induce vomiting. Contact physician.
 Recommended Precautions: Store in safe place. Wear protective mask.

Inhalation: Causes Irritation.
 First Aid: Calm the individual, allow plenty of fresh air, loosen clothing around neck. Contact physician.
 Recommended Precautions: Use approved respiratory mask. Avoid creating dust where possible. Use in properly ventilated area.
 General Precautions: Treat as you would any chemical or biological material. Always wash hands thoroughly after use

7. Storage and Handling

Recommended Storage: Store in cool, dry conditions. Storage temperature should be between 41 degrees F and 104 degrees F (5 C and 40 C).
 Precautions on Handling : No danger from handling packaged material. Ensure packaged containers remain sealed.
 Waste Disposal: Small spillages can be washed away with large amounts of water. Large spillages, if contained, can be returned to container. Check local and state authority requirements in the case of disposing of large quantities.

8. Biological Hazard Data

Microbial Formulation: The product formulation contains a range of naturally-occurring microorganisms which are known to be non-pathogenic to man or animals.
 Other: The product has been shown to be free of Salmonella and Shigella using the procedures outlined by AOAC and the USDA.

Prepared by: MSDS Coordinator, Jan. 4th 2003

Supplied by: Advance Biotechnologies of Canada, #101, 19623 56 Ave Langley, BC V3A 3X7 Toll Free 1-877-533-3901

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