

**1. Product Identification**

Form: Liquid  
Color: Dark Brown  
Odor: Slight earthy smell

**2. Hazardous Ingredients**

Chemical Name: Nitrifying Bacteria

**3. Physical / Chemical Data**

Bulk Density: 1.02 gr/cc  
Water Solubility: Active ingredients insoluble

**4. Fire and Explosion Data**

pH: 8.2  
Flash Point: N/A  
Special Fire Fighting Procedures: None  
Extinguishing Media: N/A

**5. Reactivity Data**

Stability: Stable  
Conditions to Avoid: Extreme heat or extreme cold  
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.

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.  
First Aid: Give two glasses of water to dilute product, do not induce vomiting. Contact physician immediately.  
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

The information presented in this Data Sheet is believed to be reliable. This information is provided as representative only and there are no warranties, expressed or implied, regarding its performance. Since neither distributor nor manufacturer has any control over handling, storage, use and application conditions, neither distributor nor manufacturer shall be responsible for any claims, liabilities, losses, damages, costs or expenses of any kind arising out of or in any way connected with the handling, storage, or use of the product described.