

1. COMPANY AND PRODUCT IDENTIFICATION

Product Name: Powder Bacteria Formulation		Date: 01-14-2015
Company: Archway Bio		Recommended Use: Water Clarifier
Address: 4385 E 110 th , Grant, MI 49327 USA		
Phone: 231-834-7720	Fax: 231-834-5537	

2. HAZARDS IDENTIFICATION

Ingestion:	Ingestion of large amounts may cause vomiting and diarrhea.
Skin Contact:	Mild skin irritant.
Eye Contact:	Moderate irritant.
Inhalation:	Inhalation of dust may cause mild irritation to mucous membranes, nose and throat.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product is a powder containing naturally-occurring viable bacterial cultures in a salt-based carrier.

HAZARDOUS INGREDIENTS

Name	CAS #	OSHA PEL	ACGIH TWA	% BY WEIGHT
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This product does not contain known hazardous materials in reportable levels as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200, except as any listed above.

4. FIRST AID MEASURES

Eye Contact:	Rinse immediately with plenty of water for several minutes holding the eyelids open.
Skin Contact:	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Inhalation:	Move the exposed person to fresh air.
Ingestion:	Rinse mouth and throat thoroughly with water and then drink some water to dilute.

Seek medical attention if irritation or any other symptom persists.

5. FIRE FIGHTING MEASURES

Extinguishing media:	This product is non-combustible. No extinguishing media or special fire-fighting procedures are required. There are no unusual fire or explosion hazards.
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Protective equipment: Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear disposable gloves, NIOSH approved dust mask, and eye protection.

Environmental precautions: Prevent further spillage, if safe. Accidental releases do not pose environmental risks.

Clean up methods: Sweep up. Transfer to suitable, labelled containers for reuse or disposal. Clean spillage area thoroughly with plenty of water and wash residue to drain.

7. HANDLING AND STORAGE

Handling: Do not breathe dust. Avoid contact with eyes and skin. Adopt good chemical hygiene practices when handling, carrying and dispensing.

Storage: Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Store the product in containers that are labelled correctly, and keep away from children, food items and drinking water.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits: None applicable to raw materials in this product.

Engineering measures: Ensure adequate ventilation of the working area.

Respiratory protection: If airborne dust generated, wear suitable NIOSH approved dust mask.

Hand protection: As a precaution, wear chemical resistance gloves (PVC, neoprene or butyl).

Eye protection: Safety glasses or chemical goggles are recommended.

Protective equipment: Wash all contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-white powder

Odor: Mild Earthy

pH: N/A

Water solubility: Carrier is soluble / Bacterial Cultures are dispersible

Boiling Point: No data available

Melting Point: No data available

Flash Point: None

Flammability: Non-flammable

Vapor Pressure: No data available

Bulk Density: No data available

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Hygroscopic but inert under normal conditions.

Conditions to avoid: Freezing temperatures or in excess of 120 deg. F.

Hazardous decomposition products:

Incompatibilities: Possible oxides of carbon (CO, CO₂)
Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute oral LD50: For Carrier: LD50 (mouse) = 4,000 mg/kg / Not known for mixture.
Pathogenic Risk: Viable bacterial cultures are Class I and non-pathogenic.
Carcinogenicity: **IARC:** NO **NTP:** NO **OSHA:** NO

12. ECOLOGICAL INFORMATION

Eco-toxicity: This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

13. DISPOSAL CONSIDERATIONS

General Information: Dispose of in compliance with Federal, State and/or current local authority regulations.

14. TRANSPORTATION INFORMATION

Further information: This product is classified as a non-hazardous powder for transport.

15. REGULATORY INFORMATION

Preparation does not contain ingredients listed as dangerous substances in Annex 1 of the EEC directive 67/548.

16. OTHER INFORMATION

Revision Date: 1/14/15

The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. The manufacturer/supplier makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer/supplier be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either expressed or implied, of merchantability or fitness for a particular use are made hereunder with respect to this information or the product to which information refers.

End SDS.