

Safety Data Sheet

1. Product and Company Identification

Product Name: BioShield MAX™

Use: Microbial foliar conditioner for agricultural use

Manufacturer: Ancient Organics Bioscience, Inc.

Address: 793 Foothill Blvd., Ste 37, San Luis Obispo, CA 93405 USA

Phone: +1 415-868-2000

Email: info@ancientorganicsbio.com

Emergency Contact: Same as above

2. Composition / Information on Ingredients

BioShield MAX™ is composed of the following:

- Probiotic Microorganisms (spores and freeze-dried cells): Bacillus spp., Lactobacillus spp.
- Organic-compatible carriers: Molasses powder, maltodextrin, kaolin clay
- Botanical and mineral inputs: Seaweed extract, neem powder, fulvic acid, citric acid, yucca extract

All components are GRAS or considered safe for agricultural use.

3. Hazards Identification

This product does not meet the criteria for hazardous classification under OSHA standards.

- Avoid inhalation of dust.
- May cause mild eye or skin irritation in sensitive individuals.
- Use personal protective equipment when handling bulk powder.

4. First Aid Measures

Inhalation: Move to fresh air. Seek medical attention if irritation persists.

Skin contact: Wash with soap and water.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present.

Ingestion: Rinse mouth. Not intended for ingestion. Seek medical advice if symptoms occur.

5. Fire-Fighting Measures

Flash Point: Not applicable

Suitable Extinguishing Media: Water, foam, dry chemical, CO₂

Special Protective Equipment: Standard fire-fighting gear. Avoid dust inhalation.

6. Accidental Release Measures

Spill: Avoid creating dust. Sweep up and dispose in accordance with local regulations.

Personal Protection: Use gloves, mask, and eye protection during cleanup.

7. Handling and Storage

Handling: Avoid inhalation or contact with eyes. Use protective gear.

Storage: Store in a cool, dry place out of direct sunlight. Reseal containers after use.

8. Exposure Controls / Personal Protection

Ventilation: Use in well-ventilated areas.

Respiratory Protection: Dust mask recommended.

Eye Protection: Safety goggles.

Skin Protection: Gloves recommended for bulk handling.

9. Physical and Chemical Properties

Appearance: Fine, light brown powder

Odor: Mild, earthy

Solubility: Dispersible in water

pH (1% solution): Approx. 6.0–7.0

10. Stability and Reactivity

Stable under recommended storage conditions.

Avoid extreme heat, moisture, and incompatible substances (e.g. strong acids, oxidizers).

11. Toxicological Information

No known toxicity in humans or animals under normal use.

Not for human or animal consumption.

12. Ecological Information

This product is biodegradable and non-toxic to soil or aquatic systems under intended use.

13. Disposal Considerations

Dispose of in accordance with local, state, and federal regulations.

Avoid releasing large amounts into waterways or sewers.

14. Transport Information

Not classified as hazardous for transport.

No special transport requirements.

15. Regulatory Information

This product is not regulated as a pesticide and contains no EPA-registered active ingredients.

All components are Generally Recognized as Safe (GRAS) or approved for agricultural use.

16. Other Information

Prepared by: Ancient Organics Bioscience

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