

Revision Date: April 13, 2023

## SECTION 1. IDENTIFICATION

<b>Product Name:</b>	Bamboo Bioferment
<b>INCI Name:</b>	<i>Water, Lactobacillus/Arundinaria Gigantea Ferment Filtrate, &amp; Leuconostoc/Radish Root Ferment Filtrate</i>
<b>CAS#:</b>	7732-18-5, & 1686112-10-6 (or) 84775-94-0
<b>Recommended Use</b>	Topical Cosmetic Use
<b>Supplier:</b>	<b>Bulk Naturals Wholesale LLC.</b> 212 N Jefferson Unit 12A Ava, Mo 65608, USA
<b>Telephone No. (24hrs):</b>	1-573-465-0612
<b>Emergency Telephone # :</b>	<b>1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)</b>

## SECTION 2. HAZARD(S) IDENTIFICATION

<b>GHS Classification:</b>	Based on present data no classification and labeling is required according to GHS, taking into account the national implementation (United Nations version 2011).
<b>USA OSHA Regulatory Status:</b>	This material is non-hazardous as defined by the American OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b>GHS Label elements</b>	
<b>Hazard statement(s)/Signal:</b>	Not applicable.
<b>Precautionary statement(s):</b>	
P233	Keep the container tightly closed.
P281	Use personal protective equipment as required.
P402	Store in a dry place.
P404	Store in a closed container.
P410	Protect from sunlight.
P411	Store at temperatures not exceeding 32°C.
<b>Other hazards which do not result in classification:</b>	
By mechanical effect:	No particular hazards.
By hygroscopic effect	No particular hazards.
<b>US NFPA 704 (National Fire Protection Association) Hazard Rating System:</b>	
Health hazard:	Rating 0; Normal material
Flammability:	Rating 0, Will not burn
Reactivity:	Rating 0, Stable

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## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Water	7732-18-5	84775-94-0	78.0%
Lactobacillus/Arundinaria Gigantea Ferment Filtrate	N/A	N/A	20.0%
Leuconostoc/Radish Root Ferment Filtrate	1686112-10-6 (or) 84775-94-0	N/A (or) 283-918-6	2.0%

## SECTION 4. FIRST AID MEASURES

<b>General:</b>	In all cases of doubt, or when symptoms persist, seek medical attention.
<b>Inhalation:</b>	Move to fresh air from the exposure area. Get medical attention for any breathing difficulty.
<b>Skin contact:</b>	Rinse with soap and water. Get medical advice if irritation develops.
<b>Eye contact:</b>	Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.
<b>Ingestion:</b>	Consult with a physician.

## SECTION 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Water, dry chemicals, foam, and carbon dioxide.
<b>Special precaution for fire-fighters:</b>	Move the container from the fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of the low area.
<b>Fire and explosion hazards:</b>	Not considered to be a fire and explosion hazard.
<b>Protection for fire-fighters:</b>	Boots, gloves, and goggles.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Avoid contact with eyes. Personal Protective Equipment: -Protective goggles. Provide adequate ventilation. Avoid inhalation of dust.
<b>Environmental precautions:</b>	Prevent entry to sewers and public waters. Notify authorities if the product enters sewers or public waters.
<b>Methods for cleaning up:</b>	Pick up free liquid for recycling or disposal. Residual liquid can be absorbed by an inert material. Wash the non-recoverable remainder with water.

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## SECTION 7. HANDLING AND STORAGE

### Precautions for safe handling:

Keep out of the reach of children. For industrial use, only as directed. Wash hands after use. Avoid storage near feed or foodstuff. Keep the container closed.

### Recommended Storage Conditions:

Keep the container closed. Store in a dry place at temperatures not exceeding 32°C. Based on stability studies, the optimum storage temperature for maximization of shelf life is 23 - 25°C. However, it may be stored at temperatures between 16 and 32°C if such specific temperature control is not available. Do not freeze.

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## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Respiratory protection:

Local exhaust.

### Hand protection:

Protective gloves made of rubber or neoprene.

### Eye protection:

Safety glasses.

### Skin and Body Protection:

Suitable protective clothing.

### Hygiene measures:

Handle in accordance with good industrial hygiene and safety practices.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance:

Slightly viscous liquid.

### Color:

Milky white to light yellow.

### Odor:

Characteristic.

### pH (Direct):

3.5 – 6.0

### NVM (1g, 105°C, 1hr):

8.0 – 14.0%

### Specific Gravity (25°C):

1.020 – 1.050

### Flashpoint:

340°F.

### Solubility:

Oil soluble.

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## SECTION 10. STABILITY AND REACTIVITY

### Stability:

Chemically stable.

### Possibility of hazardous reactions:

Hazardous polymerization will not occur.

### Conditions to avoid:

No dangerous reactions are known. Avoid extreme heat.

### Incompatible materials:

No dangerous reaction is known with common products.

### Hazardous Decomposition Products:

None known.

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## SECTION 11. TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	Not Determined.
<b>Dermal:</b>	Non-Irritant (Dermal Irritation Model).
<b>Ocular:</b>	Non-Irritant (Dermal Irritation Model).
<b>Ingestion:</b>	Not Determined.
<b>Additional Toxicological Information:</b>	This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

## SECTION 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	EC10 (Freshwater Alga): 102.94 mg/L - Not harmful to aquatic organisms. EC20 (Freshwater Alga): 188.46 mg/L - Not harmful to aquatic organisms.
<b>Persistence and Degradability:</b>	Readily Biodegradable (89.2% biodegradation after 28 days of testing).

## SECTION 13. DISPOSAL CONSIDERATIONS

<b>Prohibition:</b>	Do not allow the product to be released into the Environment.
<b>Destruction/Disposal:</b>	Dispose of in accordance with relevant local regulations.

## SECTION 14. TRANSPORT INFORMATION

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as Non-Regulated Material.

## SECTION 15. REGULATORY INFORMATION

<b>EC regulations:</b>	This product does not need to be labeled in accordance with EC Directives or respective national laws.
<b>Further regulations:</b>	Handle in accordance with relevant British regulation: control of substances Hazardous to Health Regulations Environmental Hygiene Guidance: EH40 Workplace Exposure Limits (revised annually)

## SECTION 16. OTHER INFORMATION

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