

SAFETY DATA SHEET

Product name:	Version: 1.0
Issue Date: 14 Jun. 2024	Page: 6

1. Identification of The Material and Supplier

Product name:	Aquatic Rejuvenator Powder
Product use:	Biological product used for aquacultural water treatment purposes
Manufacturer:	BBA Biosolution Pty Ltd 25 Captain Cook Dr, Caringbah, NSW 2229
Emergency telephone numbers:	Police, Ambulance, Fire: 000 (Mobile 112) Poisons Information Centre (Australia) 13 11 26 BBA Biosolution Mon-Fri 9:00am - 4pm AEST 0493 532 789 (Australia)

2. Hazards Identification

Classification:	Non-Hazardous
	Not classified as Hazardous according to the criteria of Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
	Not classified as a schedule poison according to NDPSC.

3. Composition / Information On Ingredients

Substances:	Photosynthetic bacteria + Zeolite in a solid form. Microbial species guaranteed to be GM free.
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4. First Aid Measures

Skin:	If irritation develops, seek medical attention. Remove and wash contaminated clothing before reuse.
Eye:	Avoid contact with eyes. May irritate the eyes. Flush eyes with flowing water for at least 15 minutes. If irritation persists, seek medical attention.
Ingestion:	Maybe harmful if swallowed. Rinse mouth with clean water and then seek immediate medical attention.
Inhalation:	If difficulty in breathing occurs, move affected person to fresh air. Loosen clothing to ease breathing. Seek immediate medical attention.
Symptoms and effects:	No significant reaction of the human body to the product known.
Medical attention:	Not applicable

5. Fire Fighting Measures

Flammability:	Non-flammable and non-combustible.
Extinguishing media:	Use extinguishing media suitable for surrounding fire situations.
Hazchem code:	Not applicable

Personal protective equipment:	Not applicable
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6. Accidental Release Measures

Personal protection:	No special requirements under normal use conditions.
Environmental precautions	Review local regulations before release to the environment.
Methods and material for containment and cleaning up:	Wash off any contaminated surface with water and detergent. Use disinfectants if possible.

7. Handling and Storage

Precautions for safe handling:	Avoid contact with skin and eyes. Wear eye protection, face mask, impervious gloves and overalls. Do not remove from packaging until ready to use - avoid contaminating the culture.
Conditions for safe storage, including any incompatibilities:	Keep out of reach of children. Store in a cool, dry area in original sealed container below 45°C and away from sunlight (preferably under refrigeration). Do not freeze.
Specific end use(s):	Apart from the uses mentioned in section 1, no other specific uses are stipulated.

8. Exposure Controls/Personal Protection

National exposure standards:	None established.
Biological limit values:	None established.

Precautions in connection with fire:	Gloves, eye protection and face mask. Always wash hands before eating, drinking or using the toilet.
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9. Physical and Chemical Properties

Parameter	Value / Test method / Remarks
1. Physical state:	Solid
2. Odour:	Mild fermented aroma
3. Color:	Slightly brown
4. pH:	7.5 - 8.0
5. Melting point/freezing point:	N/A
6. Boiling point or initial boiling point and boiling range:	100°C
7. Solubility in water:	Insoluble
8. Flammability:	Not applicable
9. Auto-ignition temperature:	Not applicable
10. Vapour pressure:	Not applicable
11. Evaporation Rate:	Not applicable
12. Conductivity:	Not applicable

10. Stability and Reactivity

Reactivity:	Not reactive
Stability:	Stable
Hazardous reactions & materials to avoid:	Hazardous polymerization will not occur. Avoid store with strong oxidizing agents, disinfectants, fungicides, and biocides.

Conditions to avoid:	Direct sunlight, extremes in temperature, high humidity. The microorganisms start to die at $\geq 40^{\circ}\text{C}$.
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11. Toxicological Information

Parameter	Value / Test method / Remarks
1. Acute Toxicity	No data available. May cause gastro-intestinal discomfort if consumed.
2. Skin:	No data available. May cause irritation. Seek medical advice if allergic reactions develop.
3. Eye:	No data available. May cause irritation.
4. Respiratory or skin sensitisation:	No data available. May cause irritation.
5. Germ cell mutagenicity:	No data available.
6. Carcinogenicity:	No data available.
7. Reproductive toxicity:	No data available.
8. Specific target organ toxicity (STOT) single exposure:	No data available.
9. STOT repeated exposure:	No data available.
10. Aspiration Hazard:	No data available.

11. Ecological Information

Ecotoxicity:	No data available
Persistence/Degradability:	No data available
Mobility:	No data available
Environmental Protection:	No data available

13. Disposal Considerations

Disposal Method:	Dispose of in accordance with local government guidelines.
Container:	Dilute well with water before discharge. Recycle containers if possible.

14. Transport Information

Land Transport (ADG Code):	Not classified as hazardous
Air Transport (IATA Code):	Not classified as hazardous
Sea Transport (IMDG Code)	Not classified as hazardous
Additional Information:	Avoid extremes in temperature, product quality will degrade $\geq 45^{\circ}\text{C}$.

15. Regulatory Information

Poisons Schedule:	Not scheduled
Air Transport (IATA Code):	Not classified as hazardous
Sea Transport (IMDG Code)	Not classified as hazardous
Additional Information:	Avoid extremes in temperature, product quality will degrade $\geq 45^{\circ}\text{C}$.