

# Safety Data Sheet - BAM

## Biologically Activated Minerals



### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

**Product name:** Ocean2Earth Biologically Activated Minerals

**Synonyms:** BAM

**Recommended use:** Soil amendment and biological fertiliser

**Supplier:** Ocean2Earth Pty Ltd

**ABN:** 29 636 284 416

**Website:** [www.ocean2earth.com.au](http://www.ocean2earth.com.au)

**Email:** [info@ocean2earth.com.au](mailto:info@ocean2earth.com.au)

**Telephone:** 1300 400 438

**Emergency Telephone number:** 1300 400 438

### 2. HAZARDS IDENTIFICATION

**GHS Classification:**

Not classified as hazardous according to the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.

**LABEL ELEMENTS**

**Signal Word:** None

**Precautionary Statements:** None

**Pictograms:** None

### 3. COMPOSITION INFORMATION

Ingredient	CAS No.	Proportion
Mineral Silicate Blend	Not Assigned	80–90%
Composted Shellfish Waste	Not Assigned	10–20%

Ingredient identities are withheld as proprietary under GHS guidelines for non-hazardous substances.

### 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:** Remove affected person to fresh air. Seek medical advice if symptoms persist.

**Skin Contact:** Wash with soap and water. Seek medical advice if irritation develops.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

**Ingestion:** Rinse mouth. Seek medical attention if symptoms occur.

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### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use water spray, dry chemical, foam or carbon dioxide.

**Specific Hazards Arising from the Product:** Non-flammable. Combustion may produce carbon monoxide and other gases.

**Protective Equipment for Firefighters:** Wear self-contained breathing apparatus and full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

Avoid inhalation of dust. Use PPE including gloves and safety glasses.

**Environmental Precautions:** Avoid large releases to waterways and drains.

**Methods for Cleaning Up:** Sweep or shovel up and collect in appropriate containers for reuse or disposal.

### 7. HANDLING AND STORAGE

**Handling:** Avoid breathing dust. Wear appropriate protective equipment. Wash hands after handling.

**Storage:** Store in a dry, well-ventilated area out of direct sunlight. Keep sealed when not in use.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Standards:** No exposure standard allocated.

**Engineering Controls:** Use in well-ventilated areas. Avoid dust build-up.

**Personal Protective Equipment (PPE):**

- Safety glasses or goggles
- Dust mask or respirator (P1 or P2) if dusty
- Gloves
- Protective clothing as required

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Grey to dark brown granular solid
Odour	Earthy / neutral
pH (10% slurry)	6.5–8.5
Boiling Point	Not applicable
Melting Point	Not applicable
Vapour Pressure	Not applicable
Solubility in Water	Partially soluble
Flash Point	Not applicable
Density	Approx. 1.2 – 1.6 g/cm <sup>3</sup>

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### 10. STABILITY AND REACTIVITY

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**Chemical stability:** Stable under normal conditions.

**Conditions to avoid:** Excessive moisture, direct sunlight, and extreme temperatures.

**Incompatible materials:** Strong acids or oxidising agents.

**Hazardous decomposition products:** None under normal conditions of use.

### 11. TOXICOLOGICAL INFORMATION

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**Toxicity Data:** No toxicological data available for the mixture. Ingredients are non-toxic in typical use concentrations.

**Potential Health Effects:**

- Inhalation: Dust may cause irritation to respiratory tract.
- Skin: May cause mild irritation.
- Eyes: May cause irritation on contact.
- Ingestion: Low toxicity; ingestion may cause minor gastrointestinal discomfort.

### 12. ECOLOGICAL INFORMATION

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**Ecotoxicity:** Not expected to be ecotoxic. Product is biodegradable and intended for soil use.

**Persistence and degradability:** Biodegradable over time.

**Bioaccumulative potential:** Not expected to bioaccumulate.

**Mobility:** Low mobility in soil.

### 13. DISPOSAL CONSIDERATIONS

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**Disposal Methods:** Dispose in accordance with local regulations. May be used as a soil amendment or composted.

**Container Disposal:** Empty containers can be reused or recycled. Triple rinse if reusing.

### 14. TRANSPORT INFORMATION

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**UN Number:** Not regulated

**Proper Shipping Name:** Not applicable

**Dangerous Goods Class:** Not applicable

**Packing Group:** Not applicable

**Environmental Hazards:** Not classified as a marine pollutant

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### 15. REGULATORY INFORMATION

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**Poisons Schedule (SUSMP):** Not scheduled

**AICS (Australian Inventory of Chemical Substances):** All ingredients are listed or exempt.

**GHS Classification:** Non-hazardous

### 16. OTHER INFORMATION

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**Date of Preparation:** 20 May 2025

**Version:** 1.0

**Revision Date:** N/A

**Disclaimer:**

This SDS is provided in good faith based on information believed to be accurate as of the issue date. Ocean2Earth makes no warranties, express or implied, and assumes no liability in connection with its use.