BUILT ON BIOLOGY
bioenzymes

MATERIAL SAFETY DATA SHEET

Section 1. **Product and Supplier Identification**

Names : **BIOBOOST**

Use : Septic system, Biocycle, Porta-loo & composting toilet booster.

Supplier :

BioEnzymes

Telephone / Fax : PO BOX 51
Emergency : WAVELL HEIGHTS QLD 4012

0410 797 713

Section 2. **Hazard Identification**

Hazard Statement This product is classified as **NOT Hazardous** according to the criteria of Workplace Australia

Product is **NOT** classed as a Dangerous Good within the definition of the Australian Dangerous Goods Code.

Section 3. **Composition / Information on Ingredients**

This composition is classed as a **mixture** of the following ingredients :

Component Name	CAS #	%
Ingredients determined as non-hazardous		To 100%

Section 4. First Aid Measures

Eye contact	Rinse with plenty of running water. Obtain medical attention if symptoms occur.
Skin Contact	Flush contaminated skin with a copious amount of water. Obtain medical attention if symptoms occur
Ingestion	Do not induce vomiting. Rinse mouth; then drink one or two large glasses of water. Contact a doctor or a Poisons Information Centre (Phone: 13 11 26).
Inhalation : .	Remove to fresh air. Obtain medical attention if symptoms occur.

ADVICE TO DOCTOR

Treat symptoms with reference to specific health effects identified above.

Section 5. Firefighting Measures

Product is not flammable or combustible..

Packaging material may, however, add to combustible load in the event of a fire.

Product / packaging should be cooled via the use of fog, water jet or foam.

Section 6. Accidental Release Measures.

:
:

- Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8).
- Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains
- and sewers.
- Methods for cleaning up : If emergency personnel are unavailable vacuum or carefully scoop up spilled materials and place in an appropriate container for disposal. Avoid creating dusty conditions and prevent wind dispersal.
- Note: see section 8 for personal protective equipment and section 13 for waste disposal.

Section 7. Handling and Storage

SUITABLE CONTAINER
Plastic pail, Polyliner drum
Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.

STORAGE INCOMPATIBILITY
DO NOT use aluminium, galvanised or tin-plated containers.

STORAGE REQUIREMENT
Store in original containers. Keep containers securely sealed when not in use. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storing and handling recommendations.

Section 8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS

None required when handling small quantities. OTHERWISE: Use in a well ventilated area. General exhaust is adequate under normal operating conditions.

PERSONAL PROTECTION

EYE
When handling concentrate— safety glasses with side shields. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

HANDS/FEET
Avoid skin contact with concentrate as detergent properties may lead to defatting of skin. Polyethylene gloves or PVC gloves or Rubber Gloves. Safety footwear.

OTHER
General clothing (long sleeve / long pants) will provide adequate protection - or Rubber apron or Plastic apron. Ensure that there is ready access to eye wash unit. Ensure there is ready access to an emergency shower.

Section 9. Physical and Chemical Properties

Physical State:	Lquid
Colour:	Tan
Odour:	Faint / bland
Odour Threshold (ppm):	n/d
Solubility in Water (g/L):	Miscible
pH	6—8

For further technical information please contact Bioenzyme Technical group.

Section 10. Stability and Reactivity

Stability (Thermal, Light, Etc)	Stable
Conditions to Avoid	Heat, flames
Incompatible with	Strong acids, oxidising agents, heavy metal salts, biocides
Decomposition Products	Limited evolution of carbon dioxide
Self-Polymerisation	Does not occur

Section 11. Toxicological Information

Acute Health Effects

Inhalation : No known significant effects or critical hazards.

Ingestion : Exposure can cause nausea, headache and vomiting.

Skin Contact : No known significant effects or critical hazards.

Eye contact : No known significant effects or critical hazards.

Potential chronic health effects

Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Reproductive toxicity	No known significant effects or critical hazards.

Section 12. Ecological Information

Ecological fate of mixture has not been determined.

Biodegradability rates of component parts suggest product to be readily biodegradable as defined in Australian Standards with > 98% biodegradable within 28 days.

Overall level of inorganic phosphates = nil.

Other inorganic components have little, if any, environmental impact at normal dilution rates.

Product contains no VOC components.

Section 13. Disposal Considerations

Product should be disposed of according to local government guidelines.

Disposal of small amounts of concentrate is most easily achieved by dilution and discharge to the local sewerage treatment system. Disposal of larger amounts may be sent to landfill. Product is compostable.

Product should never be disposed of into natural watercourses or stormwater systems.

Section 14. Transport Information

Product is **NOT** classed as a Dangerous Good within the definition of the Australian Dangerous Goods Code.

Section 15. Regulatory Information

All components utilised in this formulation are registered with the relevant Australian Government agencies (NICNAS, NIOSH, AICS).

Section 16. Other Information

This MSDS was last reviewed on: 4 May 2021.

Date for next mandatory review : 4 April 2025.

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Disclaimer

This MSDS follows the NOHSC:2011(2003) National Code of Practice for the Preparation of Material Safety Data Sheets (2nd ed).

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End of MSDS