



MATERIAL SAFETY DATA SHEET

QUICK IDENTITY
(Factory Common Name)

NITRIFICATION BOOSTER

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY NAME: Biochem (Pty) Ltd
 ADDRESS: P.O. Box 20537, Durban North, 4016
 TELEPHONE: 031 5833 600
 E-MAIL: sales@biochemproducts.co.za
 PRODUCT NAME: Nitrification Booster
 GENERAL USE: A biological treatment for nitrification in waste water

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION
 OF ACTIVE COMPONENT: An aqueous solution containing naturally occurring micro-organisms and surfactants.
 SYNONYMS: Not applicable.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Excessive ingestion may cause nausea or diarrhoea. May be irritant to skin and eyes.

4. FIRST AID MEASURES

SKIN CONTACT: Wash off with plenty of water.
 EYES CONTACT: Wash immediately with copious quantity of water.
 INGESTION: Rinse mouth and throat and drink water to dilute.
 INHALATION: Not applicable.
 If symptoms persist, seek medical advice.

5. FIRE FIGHTING MEASURES

SUITABLE FIRE FIGHTING EXTINGUISHING MEDIA: Any.
 NON-SUITABLE MEDIA: None.
 SPECIAL EXPOSURE HAZARDS: None.
 PROTECTION AGAINST FIRE AND EXPLOSIONS: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

After spillage, dilute with water and wash to drain. Do not use high pressure water jet. Wash contaminated clothing.

7. HANDLING AND STORAGE

All materials should be handled under good housekeeping practices. Wash hands after use. Wear gloves if exposure is prolonged. Care should be taken to ensure product is not introduced to drinking water or foodstuffs. Store container in a dry and cool place.

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:
 RESPIRATORY PROTECTION: Not required.
 HAND PROTECTION: Gloves recommended.
 EYES PROTECTION: Recommended when handling large quantities.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.
 ODOUR: Musty.
 APPEARANCE: Straw colour.
 pH: 7.5 (+_5).
 SOLUBILITY IN WATER: Dispersible.
 BOILING POINT: 100°.
 MELTING POINT: Not applicable.
 FLASH POINT: Not applicable.
 FLAMMABILITY: Non flammable.
 VAPOUR PRESSURE (mm Hg): as for H₂O.
 SPECIFIC GRAVITY: 1.01

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10. STABILITY AND REACTIVITY

The material is stable under normal conditions of use.

CONDITIONS TO AVOID: None.

MATERIALS TO AVOID: None.

HARDOUS DECOMPOSITION PRODUCTS: None.

11. TOXICOLOGICAL INFORMATION

TOXICITY: No acute toxicity.

PATHOGENICITY: Component bacteria / enzymes are non-pathogenic and generally regarded as safe.

CARCINOGENICITY: Not applicable.

12. ECOLOGICAL INFORMATION

This product is believed not to be dangerous to the environment with respect to mobility, persistency and degradability, bio-accumulative potential, aquatic toxicity and other data relating to eco-toxicity.

13. DISPOSAL CONSIDERATIONS

No special disposal method required, except that it be in accordance with current local authority regulations.

14. TRANSPORT INFORMATION

Non-hazardous liquid.

15. REGULATORY INFORMATION

Preparation does not contain ingredients listed as dangerous substance in Annex 1 of the EEC directive 67/548.

16. OTHER INFORMATION

All information appearing in the Safety Data Sheet is believed to be true and correct. Biochem, however, makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the control of Biochem and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes; and they assume all risks of their use, handling and disposal of the product or from the publications or use of, or reliance upon, information contained herein. This information relates only to the product designed herein and does not relate to its use in combination with any other material or in any other process.

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