



FISH TANK TREATMENT (LIQUID)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY NAME: Biochem (Pty) Ltd
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PRODUCT NAME: Fish Tank Treatment (L)
GENERAL USE: A biological bacterial/ enzymatic treatment for aquatic applications

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION OF ACTIVE COMPONENT:

SYNONYMS: Surfactant, bacterial cultures and enzymes.
Not applicable.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Ingestion of large amounts may cause irritation of the entire gastrointestinal tract followed by vomiting and diarrhoea.

4. FIRST AID MEASURES

SKIN CONTACT: Wash off immediately with plenty of soap and water. Remove contaminated clothing.
EYES CONTACT: Wash immediately with copious quantity of water for several minutes holding the eyelids open.
INGESTION: Rinse mouth and throat thoroughly with water 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: Not applicable
PROTECTION AGAINST FIRE AND EXPLOSIONS: Not applicable

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear disposable gloves and eye protection in prolonged exposure.
ENVIRONMENTAL PRECAUTIONS: Prevent further spillage, if safe. Accidental releases do not pose environmental risks.
CLEAN UP METHODS: For small releases, clean spillage area thoroughly with plenty of water and wash residue to drain. For large releases, dispose in compliance with all federal, state, and/or local regulations

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

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| RESPIRATORY PROTECTION: | Not applicable |
| HAND PROTECTION: | Gloves recommended |
| EYES PROTECTION: | Recommended when handling large quantities |
| EXPOSURE LIMITS: | None applicable to raw materials in this product |
| ENGINEERING MEASURES: | Ensure adequate ventilation of the working area |
| PROTECTIVE EQUIPMENT: | Wash all contaminated clothing before re-use |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| PHYSICAL STATE: | Translucent Liquid |
| ODOUR: | Mild Earthy |
| APPEARANCE: | Turbid, straw colored liquid |
| pH: | 6.8 – 7.8 |
| SOLUBILITY IN WATER: | Dispersible |
| BOILING POINT: | 100°C |
| MELTING POINT: | Not applicable. |
| FLASH POINT: | Not applicable. |
| FLAMMABILITY: | Non-flammable. |
| VAPOUR PRESSURE (mm Hg): | Not applicable. |
| SPECIFIC GRAVITY: | 1.01 |

10. STABILITY AND REACTIVITY

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| STABILITY: | The material is stable under normal conditions of use |
| CONDITIONS TO AVOID: | Freezing temperatures |
| MATERIALS TO AVOID: | Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures |
| HARDOUS DECOMPOSITION PRODUCTS: | None |

11. TOXICOLOGICAL INFORMATION

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| TOXICITY: | No acute toxicity. |
| PATHOGENICITY: | Viable bacterial cultures are Class I and non-pathogenic. |
| CARCINOGENICITY: | IARC: NO NTP: NO OSHA: NO |

12. ECOLOGICAL INFORMATION

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|-------------------|---|
| AQUATIC TOXICITY: | FISH – None |
| AQUATIC TOXICITY: | ALGAE – None (enzyme activity reduces algae), therefore not suitable for algae eaters |
| BIODEGRADABILITY: | Yes |
| BIO-ACCUMULATION: | Not established |
| MOBILITY: | Liquid |

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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