



MATERIAL SAFETY DATA SHEET

QUICK IDENTITY
(Factory Common Name)

POOL AND SPA TREATMENT

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: Pool and Spa Treatment
 GENERAL USE: A biological enzymatic treatment for swimming pools and spa baths

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION OF ACTIVE COMPONENT: Multi enzyme compound.
 SYNONYMS: Not applicable.

3. HAZARDS IDENTIFICATION

MAIN HAZARD: Not applicable.
 FLAMMABILITY: Not applicable.
 CHEMICAL HAZARD: Not applicable.
 BIOLOGICAL HAZARD: Not applicable.
 REPRODUCTIVE HAZARD: Not applicable.
 EMERGENCY OVERVIEW: Excessive ingestion may cause nausea or diarrhea in the concentrated form.
 HEALTH EFFECTS - EYES: May cause irritation in the concentrated form.
 HEALTH EFFECTS - SKIN: None.
 HEALTH EFFECTS - INGESTION: May cause nausea or diarrhea in the concentrated form.
 HEALTH EFFECTS - INHALATION: Not applicable.
 CARCINOGENICITY: No.
 MUTAGENICITY: No.
 NEUROTOXICITY: No.

4. FIRST AID MEASURES (CONCENTRATED FORM ONLY)

SKIN CONTACT: Wash with copious amounts of water. If irritation persists obtain medical attention.
 EYES CONTACT: Flush with running water.
 INGESTION: Rinse mouth and throat. Drink water to dilute.
 INHALATION: Not applicable.
 If symptoms persist, seek medical advice.

5. FIRE FIGHTING MEASURES

EXTINGUISHER MEDIA: Any.
 NON-SUITABLE MEDIA: None.
 SPECIAL EXPOSURE HAZARDS: Not applicable.
 PROTECTION CLOTHING: 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, in its concentrated form, is not introduced to drinking water or foodstuffs. Store container in a dry and cool place.

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: Not applicable.
 ENGINEERING CONTROL LIMITS: Not applicable.
 PERSONAL PROTECTION: RESPIRATORY - Not applicable.
 PERSONAL PROTECTION: HAND - Not required.
 PERSONAL PROTECTION: EYE - Not required.
 PERSONAL PROTECTION: SKIN - Not required.
 OTHER PROTECTION: Keep out of reach of children.

Biochem Trading (PTY) LTD
 Unit 16, 450 Kassler Rd, Assagay, 3624
 South Africa

www.biochemproducts.co.za

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MAXIMUM
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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Blue liquid.
ODOUR:	Minty.
pH:	6.8 - 7.8.
BOILING POINT:	100°C.
MELTING POINT:	Not applicable.
FLASH POINT:	Nil.
FLAMMABILITY:	Non flammable.
AUTOFLAMMABILITY:	Not applicable.
EXPLOSIVE PROPERTIES:	Not applicable.
OXIDIZING PROPERTIES:	Not applicable.
VAPOUR PRESSURE (mm Hg):	As for H ₂ O.
SPECIFIC GRAVITY:	1.01
SOLUBILITY:	WATER - Dispersible
SOLUBILITY:	SOLVENT - Not applicable.

10. STABILITY AND REACTIVITY

The material is stable under normal conditions of use.

CONDITIONS TO AVOID:	None.
INCOMPATIBLE MATERIALS:	None.
HARDOUS DECOMPOSITION PRODUCTS:	None.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not applicable.
SKIN & EYE CONTACT:	Can cause eye irritation in the concentrated form.
CHRONIC TOXICITY:	None known.
CARCINOGENICITY:	No.
MUTAGENICITY:	No.
REPRODUCTIVE HAZARDS:	None.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY:	FISH - None.
AQUATIC TOXICITY :	ALGAE - None (enzyme activity reduces algae) .
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

DISPOSAL METHODS:	May be flushed into sewer.
DISPOSAL OF PACKAGING:	Rinse and dispose as normal refuse.

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.





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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.

MANUFACTURER / SUPPLIER DISCLAIMER:

IMPORTANT: This information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.

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