



PRODUCT DATA SHEET

PRODUCT: M-BAC

Company Details

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| Name: MANCHEM (PTY) LTD | Emergency Tel. No. +27 82 775 6587 (after hours) |
| Address: Lot 8, Postmasters Park Umlaas Road KwaZulu Natal South Africa 3730 | Postal Address: P.O. Box 8 Umlaas Road KwaZulu Natal South Africa 3730 |
| Tel. No. +27 31 785 2058 | E-mail Address: admin@manchem.co.za |

MULTIPURPOSE DIGESTER

AREA OF APPLICATION

M-BAC is a combination of “live” bacteria and enzymes that rapidly penetrates, digests and liquefies fats, oils, greases, cellulose, protein & starch. M-BAC is pathogen free.

BENEFITS

- To keep slow or blocked drain systems and grease traps free of organic matter.
- Deodorizes floors and walls around camper toilets, pit toilets, outhouses, portable and other construction site toilets.
- Controls odours on carpets and rugs.
- Suitable for spraying onto rubbish dumps and applying to other areas where waste disposal and odour problems occur.
- Used in septic tanks to provide the necessary digestion to eliminate carry-over.
- Reduces the need for pump-outs
- Introduces micro-organisms into the soil to open pores and keep French drains operating smoothly with improved drainage.
- Used as a laundry pre-spotter.
- Can be considered ‘natures helper’ by reducing Biochemical Oxygen Demand BOD and Chemical Oxygen Demand COD.

PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|--------------|---|----------------------------------|
| Appearance | : | Colourless to pale yellow liquid |
| pH | : | 6.0 - 7.5 |
| Density | : | 1.0 - 1.05 |
| Flammability | : | Non-flammable |

ENVIRONMENTAL IMPACT

Generally regarded as safe. Used to treat waste water.



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RECOMMENDED METHOD OF APPLICATION

Drain Treatment: Manual – pour the recommended dosage into main drain line each night.

| DIAMETER OF DRAIN | RECOMMENDED NIGHTLY DOSE |
|-------------------|--------------------------|
| 5 cm | 125ml (½cup) |
| 10 cm | 250ml (1 cup) |
| 15 cm | 375ml (1½cup) |
| 20 cm | 500ml (2 cups) |

Grease Trap Treatment: Manual – pour 4 litres of M-BAC directly into the grease trap per week.

Drain Treatment: Automatic – Our fully computerised peristaltic pump will allow you to dose up to 4 times a day, 7 days a week

SAFETY PRECAUTIONS AND FIRST AID:

| FIRST AID | | |
|--|--|---|
| IF IN EYES | -Hold eye open and rinse slowly and gently with water for 15-20 Minutes. | -Remove contact lenses, if still present after 5 minutes then continue rinsing. - Call a doctor for treatment advice |
| IF ON SKIN | -Take off contaminated clothing -Rinse skin immediately with plenty of water for 15 – 20 minutes | -Call a doctor for treatment advice |
| IF SWALLOWED | -Call a doctor immediately for treatment advice. -Have person sip water if able to swallow -Rinse mouth with water | -Do not induce vomiting unless told to do so by the doctor. -Do not give anything to an unconscious person. |
| IF INHALED | -Move person to fresh air -If person is not breathing, Call an ambulance, then give artificial respiration, preferably mouth-to mouth if possible | -Call a doctor for treatment advice. |
| NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage. Have product container or label with you when calling the doctor or going for medical treatment. | | |

PACKAGING:

M-BAC is packed in 25 litre UN approved, non-removable head, HDPE plastic jerry cans, square 1200 – 1300g fitted with screw cap and rubber gasket (torque 20Nm). The packaging meets Packing Group II and III tests. Each drum can handle any product with a specific gravity less than 1.8 and allow an internal test pressure of 100kPa.

STORAGE: Store in a tightly closed container in a well – ventilated chemical storage facility between 10⁰ C and 25⁰ C, away from sensitive environs, foodstuffs and children. Keep under lock and key. keep out of direct sunlight. Prolonged exposure to high temperatures will have a detrimental effect on the product. Shelf - life 24 months from date of manufacture.

