

MiCroBial Septic tank

Product Description

The MiCroBial Septic tank is a natural biocatalyst made via a novel fermentative process that has been continually refined by microbiologist in India. MiCroBial Septic tank consists of a select consortium of bacteria, enzymes, nutrients and co-factors that degrade organic matter as Carbohydrate, Proteins & Fat (FOG). These microbes produce different types of enzymes as amylase, Protease, Lipase, Cellulase etc. MiCroBial Septic tank works in aerobic and anaerobic conditions as it contains aerobic and facultative anaerobic microbes.



Typical Application Area

- Septic tank, Sinks etc
- Private/Public Toilets,
- Drainage system
- All domestic waste water system
- Aerated wastewater system
- Composting toilets

Physical Data

- **Colony Forming Unit (CFU):** Min 108 CFU/g
- **Product:** Dormant/Viable microbial culture/Enzymes and micro-nutrients
- **Product Form:** Dry free flowing powder
- **Color and Odor:** light brown powder with a mild “yeasty” odor and is dried and packaged
- **Optimum PH range:** Preferred range: 6 to 8

Key Benefits:

- Reduction in sludge production
- Break down solids, fats and smooth operation
- Reduces odor
- Digest solids and reduce pump outs
- Reduces need for chemical additives
- Improves performance of septic system and drainage system
- Reduces hydrogen sulfide, ammonia and nitrates
- Reduce frequency of septic tank filling
- Removes blockages of drainage system, septic tanks, sinks etc
- 100% natural and non-toxic
- No genetically modified organisms

Septic Tank Treatment Application:

MIXING OF PRODUCT: Mix MiCroBial Septic tank product with clean water in plastic tank or directly add into the system.

RULE OF THUMB: Add product in fresh water, keep it for 30 mins and then add directly into toilet bowl or inlet point of septic tank or drainage system.

For private toilets, add product in toilet bowl and flush it with fresh water at night.

Product concentration and dosing frequency will be dependent on capacity of septic tank, drainage line, composting toilets etc.

Storage:

Product is delivered in sealed, moisture proof packaging. Product should be stored in a cool dry location, out of the sun and protected from insects. Once bag is opened, it should be closed packed so that there shouldn't be any moisture.

Product Packaging:

MiCroBial Septic tank product is available in 100 Gms and 1 kg packets.

Product shelf life:

1 years (minimum) under standard warehousing/office conditions.

For dosing concentration, application of product, please contact technical team.

Please refer to the MiCroBial Technologies website for the appropriate MSDS, www.microbialtech.com