

## BioSmart™ Bacterial Products

# Septic Tank Treatment BioSeptic

BioSeptic is a specialised biological treatment for degrading organic matter in waste water systems including septic tanks.

### The Problem

With virtually all septic tanks, there is always the problem of a build-up of organic materials, which includes human sewage, carbohydrates, vegetable materials, fats, oils, greases and protein. Inevitably, the fats and greases will tend to float to the top of the tank, which more than likely will block the outlets to the leaching pipes, as well as the pipes themselves.

With no anaerobic degradation of solid matter taking place and because there will be a greater amount of sludge build-up, it will result in more frequent pump outs and it is highly probable that the build-up of solids will make pumping even more difficult and results in a 'solid mass'.

### The Product and Solution

BioSeptic, our septic tank treatment is a specialised biological treatment for degrading organic matter in waste water systems. The product contains facultative anaerobic bacterial strains that digest carbohydrates, vegetable material, fats, oils, greases and protein.

As a result, the process accelerates the breakdown of organic matter and reduces sludge build-up and because of the inherent bacteria, it helps breakdown the associated by-products of degradation, which causes the bad smells, especially in warm conditions.

However, once the degradation process and especially the fat process have commenced, the fats cannot re-form and thus, makes it easier to maintain a healthy septic tank environment.

The good and bad bacteria that are present within the septic tank are, as with all bacteria, competing for the food source. Because our bacteria 'out-perform' the bad bacteria, the bad bugs are restricted from the food source and eventually die.

### Usage Instructions

Dose the septic tank at the rate of 1 sachet per 2000 litre tank per month. Normally, the dosage will be supplied in a pack, which will have an initial 'kick start' seed pack followed by a smaller sachet for each of the 11 subsequent months.



### Key product features

- Increase time period between pump outs
- Pump outs are easier, as solids are broken down
- Eliminates bad odours
- No need for toxic chemicals, such as bleach
- Easy to use in sachet powder format and is dispensed monthly via the toilet

Ordinarily, the product sachets are flushed down the toilet, which ensures they go directly to the septic tank. However, if the septic tank is above ground, apply the same dosage as above.

### Health & Safety

Septic Tank Treatment should be handled under good housekeeping practices. The product contains naturally occurring non-pathogenic bacterial cultures and is non-flammable, biodegradable, non-toxic and completely safe, when used as directed. For best results store product in a cool, dry place.

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