

## BioSmart™ Bacterial Products

# Outdoor Toilet Treatment BioBreeze

BioBreeze is a natural biological treatment for degrading organic matter and removal of odours in outdoor toilets.

### The Problem

In all parts of the world, the use of safe and hygienically friendly toilets is not always possible and in certain environmental conditions, may result in more basic facilities.

Nevertheless, whatever toilet application is used, it is essential that they overcome the basic principal of having a toilet that is free from infestation and bad odours.

Historically, the outdoor toilet has either used toxic chemicals or in many cases, nothing at all.

### BioSmart's Technology and General Principles

BioSmart's bacterial technology completely centres around the production of "Enzymes", which, simply put, are 'biological digesters'.

Enzymes work by breaking apart large complex compounds, known as 'substrates', i.e. human waste into smaller compounds, more easily absorbed by the bacteria. Each Enzyme is designed to unlock and breakdown a specific food source and therefore, a specific bacteria is required to produce the required enzyme and this is true of "BioBreeze".

### The Product and solution

BioBreeze is a specialised biological treatment for degrading organic matter in outdoor toilets. The product contains free enzymes to kick-start the digestion of waste material, and naturally occurring microbes to continue the enzymatic breakdown. This process helps to reduce malodours in and around the toilet area. The product also contains a pleasant fragrance to deter pests and to leave the toilet smelling pleasant, until the bacterial population is established.

### Usage Instructions

If it is a stand-alone toilet, apply an initial dosage of 500 ml, followed by 250ml per week until evidence of organic matter reduction. Where the toilet, e.g. Portaloo, is connected to a holding tank, apply a 500ml 'seed' dosage up to 1000 litres and then apply 250ml weekly. In either case, should the



### Key product features

- Stable blend of safe Bacillus spores
- Fast acting enzymes
- Production of high level multiple extra-cellular enzymes, and providing degradation capabilities of organic matter
- Elimination of all malodours including a pleasant fragrance to deter pests
- Continued performance in low nutrient conditions

organic matter's degradation occur faster, reduce the dosing to once a fortnight.

### Health & Safety

The product should be handled under good housekeeping practices and you should wash hands after use and keep it away from drinking water and foodstuffs. BioBreeze contains naturally occurring non-pathogenic bacterial cultures and enzymes. The product is biodegradable, non-toxic and totally safe when used as directed. For best results store product in a cool, dry place.