



A superior biological treatment for treatment of septic tanks & latrines/pit toilets

MULTI-ACTION MICROBIAL CONSORTIUM

In nature all animal and vegetable matter, from insects to mighty oaks, is broken down and recycled into plant food by enzymes and bacteria. ECO BOOST uses this same principle to bioremediate animal and vegetable waste.

Our bacteria are extremely intelligent. They determine what type of organic problem they are being applied to, and then selectively produce the right combination of enzymes to effectively biodegrade their intended target. The process is similar to how your stomach automatically knows how to break down different food types, only our products are exponentially more powerful. The incredible thing is that once the target has effectively been neutralized, the only byproducts of this process are water and carbon dioxide.

ECO BOOST is a blend of bacteria and enzymes. The bacteria are natural, not genetically-engineered. The enzyme concentration is the most powerful on the market. ECO BOOST is a proprietary blend of superior aerobic and anaerobic bacteria selected for their ability to degrade organic waste. The product contains both aerobic and anaerobic bacteria in near equal proportions and hence can be used in many different applications.

OPERATING CONDITIONS

Effluent with a pH outside this range should be pre-treated with a suitable acid or lime prior to dosing with ECO BOOST.

pH Optimum	5, 0 - 8, 5
Temperature Tolerance	Up to 50°C

SAFETY

ECO BOOST is non-toxic. It creates no heat, no fumes, no boiling. It does not attack live tissue or inorganic materials, only organic wastes like grease, hair, food particles, paper, cotton & sewage. This makes ECO BOOST safe for people, plumbing and the environment. ECO BOOST changes the waste particles into water, carbon dioxide and mineral ash which run harmlessly out of your waste system. These elements are then available for plant life.

EFFECTIVENESS

Within minutes after pouring the bacteria into the affected area, the bacteria begin to eat their way into the waste that has accumulated. This is their natural food. They digest the waste and spread throughout your system, cleaning it completely.

PQ Green (Pty) Ltd does not guarantee that the above products can be used as described without prior positive testing or that the use of these products does not infringe third parties' patent rights.

The information contained in this leaflet is to the best of our knowledge, true & accurate, but any recommendations or suggestions which may be made are without guarantee since the conditions of use are beyond our control. No license or immunity under any patents is granted or implied.

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MULTIPURPOSE APPLICATION - Residential and commercial applications

All drain and sewer pipes, including:

- Pit Toilets (long-drops) or (Poof-Doofs)
- Kitchen Sinks
- Lavatories
- Bath tubs
- Showers
- Floor drains
- Laundry drains
- Septic tanks and drain fields
- Garbage disposal odours
- Sewage ejector sumps
- Outdoor outhouses and cesspools
- R.V. & boat holding tanks
- Lift Stations
- Cat Litter Boxes

DOSAGE GUIDELINES

The following dosages are merely a guideline:

	INITIAL DOSAGE	MAINTENANCE
Septic Tanks / Pit Toilets	For initial dosing mix 2 sachets to 5L of water and then add to the pit toilet or long drop	1 Sachet per week

ECONOMICAL

- ✓ Eliminates the need to buy dangerous chemicals
- ✓ Eliminates the need to buy deodorant blocks (urinals.)
- ✓ Eliminates costly compensation to employees that have been injured by using dangerous chemicals.

INACTIVATION OF ECO BOOST

Enzymes present in ECO BOOST will tolerate temperatures up to 60°C. However, the bacteria in the product cannot tolerate temperatures in excess of 50°C. High concentrations of heavy metals will inhibit the activity of the product. Common cleaning agents containing chlorine (bleaches) and quaternary ammonium compounds (disinfectants) etc. can have a detrimental effect on the product. Neutralisation of these inhibitors is necessary before treatment with ECO BOOST.

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PRODUCT AVAILABILITY

ECO BOOST is available in weekly use sachets, 5kg and 25kg bags.

SAFETY PRECAUTIONS

ECO BOOST is an environmentally friendly, safe-to-use product that contains a non-GMO strain of *Bacillus Subtilis* spore and various Enzymes derived from this organism, for example *Bacterial A-Amylase and Proteases*.

No product specific certification is provided for however the strain for the active ingredients is non-pathogenic and the enzymes are produced by standard fermentation techniques and conform to *Generally Recognized as Safe* (GRAS) status and have FDA approval for Foodstuff applications.

The preparation conforms to FAO/WHO and FCC recommended standards. In the event of an accidental spillage wash the affected area with copious amounts of water.

STORAGE

To maintain maximum activity of the enzymes and the viability of the bacteria, ECO BOOST should be stored under cool & dry conditions i.e. <25°C.