

BioProtect®

# SEPTIC TREATMENT

 **ECO-FRIENDLY**

BioProtect® Septic Treatment is an environmentally safe and user friendly biological treatment for the control of odour and breakdown of organic material. Powered by *Bacillus subtilis*, a natural, non-pathogenic and non-toxic bacterium that cleans or removes dirt, soil, dust, debris, and inanimate solids, including scum, nutrients, organic particles and contaminants.

BioProtect® Septic Treatment contains a unique combination of bacterium, lipid peptides and other bio-actives that combine to create a probiotic power punch. These components synergise to rapidly break down organic material, solids, fat, oils and grease, while reducing odour and the foul surface water associated with septic systems that aren't functioning correctly.

**HELPS PREVENT  
SEPTIC BACKUPS**  
**INCREASES BACTERIAL  
COLONISATION**  
**SAFE FOR TOILETS &  
PLUMBING**  
**NON-HAZARDOUS &  
NON-CORROSIVE**



## APPLICATION PROTOCOL

**SIMPLE TO USE** // BioProtect® Septic Treatment builds a bacterial colony in the septic tank that reduces odour and breaks down organic material, preventing backups and increasing efficiency.

Dose the septic system on a quarterly (3 month) basis by pouring 1 litre of BioProtect® Septic Treatment directly into the toilet or sink.

For better results distribute the 1 litre dose evenly among all drains that feed into the septic system, toilets, basins, sinks, showers and baths.

## KEY FEATURES

- ✓ **SAFE AND EASY TO USE**
- ✓ **NON-CORROSIVE**
- ✓ **CLEARs BLOCKAGES FROM DRAINS**
- ✓ **COST EFFECTIVE**
- ✓ **INCREASES SEPTIC SYSTEM PERFORMANCE**
- ✓ **ENVIRONMENTALLY FRIENDLY**
- ✓ **REDUCES PATHOGENIC BACTERIA**
- ✓ **REDUCES ODOUR**

## TESTED, SAFE

*Bacillus subtilis* is considered a safe, benign organism. Both the American Society of Microbiology and US-FDA classify BioProtect® Septic Treatment as a Generally Regarded As Safe: "GRAS" organism. This means it can be safely handled by employees and customers without concern for their health or the environment.

## PRODUCT COMPARISON

	BIOPROTECT®	REGULAR PRODUCTS
<b>PRINCIPLE</b>	Increases probiotic bacterial colonies in septic system	Kills probiotic bacterium that promote organic degradation
	Increases biodegradation and breaks down fats	Emulsifies fats but does not break them down
	Helps reduce the numbers of E. coli in the system	No ability to reduce pathogens
	Helps eliminate foul odours	No ability to reduce odours - instead masks odours
<b>TOXICITY</b>	Safe for humans and environment	Can be toxic and dangerous to humans and environment
<b>EASE OF USE</b>	Simple and easy to apply, simply pour into a drain	Dangerous to use and relies on thermal shock
<b>ENVIRONMENTAL</b>	Safe to store and use – non-DG	Require DG storage and PPE
	Safe for the environment and waterways	Environmental and aquatic pollutants

## RECOMMENDED FOR

- Residential Systems
- Commercial Systems
- Floor Drains
- Sink and Basin Drains
- Bath Drains
- Shower Drains
- Grease Traps
- Sludge Tanks
- Septic Tanks
- Urinals
- Blockages

## NATURALLY POWERFUL

**SAFE** // Blended as an extremely safe, pourable liquid product, non-toxic and considered non-pathogenic. No Personal Protective Equipment (PPE) required for application.

**NATURAL** // A powerful probiotic bacterium, *Bacillus subtilis* is found around the world protecting all plant roots. It is environmentally friendly and necessary to life.

**BIODEGRADING ACTION** // *Bacillus subtilis* is the bio-active that biodegrades substances found in septic tank systems. It prevents the build-up of fat, grease and oils, and rapidly breaks down organic matter.

**POWERFUL** // As a liquid, it penetrates hard to reach places coating the surface with a protective biofilm unique to *Bacillus subtilis*. For use in drains, sewers and septic tank systems to prevent blockages and odour caused by fats, oil, grease and organic wastes.