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We also invite you to view our [videos](#) to help answer any questions you may still have.

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How do Unique Products work?

[Unique products work by a process called "Bacterial Digestion".](#)

Bacterial Digestion is the process of bacteria consuming organic matter. Bacteria feed on organic waste, deriving nutrition for growth and reproduction. Using complex chemical reactions, the organic waste is metabolized down to water and carbon dioxide, providing the bacteria with enough energy to sustain their life.

What are bacterial digestants?

Bacterial digestants are products that attack organic waste wherever it occurs. Bacterial digestants are especially useful for plumbing, septic tanks, grease traps and anywhere that organic waste might cause a problem.

Humans, animals and plants all produce or cause organic waste. These organic materials accumulate at various places in the community. If not properly eliminated, they can and will cause damage and are expensive to eliminate. Our bacterial digestants

eliminate clogs, pollution and odors by breaking down and converting the organic material into its two most basic components – carbon dioxide and water.

What do bacterial digestants consist of?

Three components need to be present: bacteria cultures, enzymes and essential nutrients. When these three elements are combined, they promote the quick decomposition of waste with no offensive odors. If one of these components is missing however, the bacterial digestant will not be effective in eliminating organic waste. Each of these components play an important role in promoting fast, efficient elimination of organic waste.

How do bacterial digestants work?

The basic principle behind bacterial digestants is the natural decomposition process that occurs constantly in the environment. Bacterial digestants just speed up this natural decaying process, safely and without odors or noxious gases. The combination of bacteria, enzymes and essential nutrients are necessary for fast decomposition of the organic waste. In nature, bacteria need time to adjust to their environment before they can reproduce and begin to digest organic waste. In our bacterial digestants, we have included free enzymes to help jump start the bacteria into digestion.

These enzymes are chemical additives that break up complex waste molecules into small, simple pieces that can be digested directly by the bacteria. With the help of enzymes, the bacteria in our digestants can reproduce and consume organic waste particles immediately – resulting in the fast, complete digestion of organic waste.

What makes our bacterial digestants superior to ordinary bacterial products?

The bacteria in our bacterial digestants are packaged in freeze-dried spore form as opposed to the vegetative adult form. The advantages of the spore form of bacteria include:

- Longer shelf life and greater stability. Because the spore form is in a suspended state rather than a vegetative state, our digestant is not active and wasted in the bottle.
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- Higher bacteria count. The bacteria count in Unique Products

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is approximately 65 Billion per quart. Our digestants provide more power per application, allowing you to use less.

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- Non-Pathogenic formula. The ingredients in bacterial digestants do not cause disease in human or animal. Our digestants also do not produce and odors or noxious gases.
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- Free enzymes. Free enzymes are added to our digestants to help jump start the bacteria into the digestion process. These nonliving, chemical additives prepare the organic waste for the bacteria, allowing the bacteria to digest waste at a faster than normal rate.

What about essential nutrients and bacteria?

These nutrients may not occur naturally in waste and a lack of these nutrients may seriously inhibit the bacteria's growth and reproduction. Essential nutrients are added to our bacterial digestants. They are like the vitamins and minerals that the human body uses.

The bacteria contained in our bacterial digestants are carefully selected, beneficial bacteria that occur in the environment. The bacteria in our digestants are of the Bacillus species and are able to consume waste in both the aerobic (requires oxygen to live) and anaerobic (doesn't require oxygen to live) conditions. This versatile strain of bacteria also have other desirable characteristics:

Bacillus bacteria :

- consume organic waste faster than the bacteria naturally present in the waste
- grow and reproduce fast and easy
- are non-pathogenic (won't cause disease in man or animal)
- don't produce foul odors or obnoxious gases as they digest waste

FAQ

If you have any questions that are not addressed here, you can [contact us](#) and we will get back with you as soon as possible.

