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The Pac-Man of Odors: Enzymatic Cleaners

Imagine having an army of 24/7 “search & destroy” odor eliminating Pac-men on duty throughout your facility. When you use enzymatic cleaners (also known as bio-enzymatic), that is basically what you’re getting.

It is important to understand how enzymatic cleaners work in order to use them in the right manner. Enzymes do not remove odors — they actually eliminate the source of the malodor and continue to work under the right environmental conditions.



To work properly, the enzyme formulation needs to contain both enzymes and bacteria, selected for the source you are trying to remove. There are actually over 40,000 enzyme and bacteria strains available. Some feed off grease while others thrive on consuming organic waste, such as urine salt.

Enzymes are produced by the bacteria in the formulation, then go in search of their food source. Once they find the food source, there is a “binding” which occurs. This “binding” to the enzyme weakens the chemical bonds of the odor-source molecule, breaking it down into water soluble nutrients. The bacteria in the formulation then digest the released nutrients, enabling them to multiply and continue the process.

It is advantageous to introduce the bio-enzymatic cleaner to its food sources as directly as possible, as the enzymes will thrive as long as there is a food source. Some suggest spraying directly on the surface at a distance of about a foot.

Enzymatic cleaners have an ability to penetrate microscopic crevices, such as those found in grout lines, to reach embedded odor sources. They are effective in situations where surface imperfections, unseen by the naked eye, harbor odor producing elements, such as on vinyl floors with tiny scratches. Enzymatic cleaners also work extremely well on porous surfaces such as carpet and upholstery.

[Check out our line of Enzymatic Cleaners](#)

It is recommended to disinfect surfaces before applying the enzymatic cleaner, as disinfectants can attack the enzymes and render them ineffective. Bio-enzymatic cleaners will continue to work for several hours, and even days, after they’ve been applied as long as the surface remains moist, the food source is present, and the room temperature remains moderate.

Call us today for guidance on the right bio-enzymatic cleaner for your facility and training on the proper application procedures.

[Read article on Controlling Odors Using Enzyme Cleaners](#)

Wondering which is best for your facility? Call us today at 800.933.4824 for our real-world experience and professional advice on what is best for your needs.

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