



CLEAN WORLD USA  
CLEANING THE WORLD OF TOMORROW TODAY

## SUMMARY

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One Nation Under God.



# The Clean World Revelation!

Quality “Worry Free” Service

## Controlling Odors Using Enzyme Cleaners

### An Introduction To Enzyme

**Cleaners:** Foul-smelling restrooms are a frequent source of complaints and a challenge for custodians. To rid restrooms of offensive smells, custodial departments need to eliminate the cause of the odor, namely uric acid. This is where traditional cleaners often fall short. Typically, in restrooms, the biggest issue is the smell of urine. Once it embeds itself in grout, traditional cleaners cannot get rid of that smell. Enzyme-based cleaners remove or control odor causing bacteria, particularly in hard-to-reach porous surfaces. Controlling odors is directly related to controlling complaints. To understand how enzyme cleaners (also known as bio-enzymatic cleaners) can be advantageous in restroom cleaning, managers need to first understand what they are and how they work. Enzymes are chemicals made by bacteria to digest waste. They contain enzyme systems that break up waste molecules, and are then digested by the bacteria and converted into carbon dioxide and water. The waste that generates foul odors in the restroom serves as food for the microorganisms. The enzymes are kept dormant until they come into contact with the food source. That food source is going to be body fats, oils and uric acids. Typically the enzymes are mixed with water, which awakens them, and they immediately start looking for that food source. If they can't find that food source, the enzymes will die. The enzymes remain active as long as the food source is present. When choosing an enzyme-based cleaner, managers should keep in mind that not all enzymes are created equal. Manufacturers have developed different strains to target specific types of organic waste. There are many kinds of enzymes, so managers want to make sure that the one they purchase is designed for what they are cleaning. Enzymes designed for a drain line in a kitchen go after oils and fat. That product won't work in a restroom because it doesn't eat uric salt. Our goal is to reduce the amount of chemicals used

when cleaning. Microfiber technology and enzymatic cleaning products can clean an entire restroom with just one product, but disinfecting is crucial. **Green Benefits Of Enzymatic**

**Cleaning:** Reducing the amount of chemical used in restroom cleaning can streamline purchasing and product storage. But will managers struggle to convince custodians to give up traditional cleaning products in favor of enzymatic cleaners? Distributors agree that once workers understand how enzymatic cleaners work, educating them on their performance benefits — as well as the differences between traditional and enzymatic cleaners — may persuade them to accept these products into their repertoire. Custodial departments concerned with green cleaning will be pleased to know that enzyme-based cleaners are safe for the environment, as well as human health. In most instances, enzyme-based cleaners eliminate the need to use harsh chemicals and the waste consumed by the enzymes is converted into carbon dioxide and water. That in itself is a green philosophy. One of the major differences between traditional cleaners and enzymatic cleaners is that enzyme-based cleaners perform residual cleaning; that is, they continue cleaning well after the product has been applied. When you use the enzyme cleaners, they start to travel down the p-traps and grout lines, and after you've cleaned and left, they're still working on the odor source. Even on traditional floor finish on a vinyl tile floor, there are micro-abrasions and scratches due to normal foot traffic. Mopping with a bio-enzymatic cleaner will allow you to get into those hard-to-clean places and give you that deeper cleaning ability. **Proper Use Of Enzyme Cleaners:** For enzyme-based cleaners to work correctly, your staff needs to be trained on the proper procedures for handling and using these

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**HAPPY BIRTHDAY!!****The Clean World Revelation!**

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products. Enzymes have a very short life cycle. They are kept dormant in a suspension agent until they are diluted with water at which point they need to find a food source quickly, or they will die. Once the enzymes are activated, they need to be applied directly to the surface that needs cleaning. These are not the type of products you can just pour into your mop water because they'll start to attack things inside the mop. The first place the enzyme touches and finds its food source is the first place it's going to attach and eat. The recommended way to apply enzymes is to pour down drains and spray on flat surfaces. If you are using enzymatic-based cleaners on touch points, encourage managers to train staff to target those areas first, and then move on to urinals, toilets, and finally, floors. You should clean the entire restroom with the bio-enzymatic cleaner working from high to low and working from the farthest point in the restroom to the door. Disinfectants will attack enzymes so you should disinfect first before using enzymatic cleaners. Some managers train to go in and spray enzymes to take care of odors and then use disinfectant on top of that. In these cases, they've killed the product before it's even had a chance to work. Bio-enzymatic cleaners are safe to use, safe for the environment and safer for human health. They continue to clean well after the initial application, and you displace those potentially disease-causing bacteria.

**A True**

**“Good Samaritan”:** We recently had the opportunity to witness a selfless act of true kindness displayed by an employee we will just call Ms. G. She has a full time job and worked a part time position for us. She noticed a fellow employee struggling to make ends meet and voluntarily gave up her hours so this employee would have more hours and ultimately earn more money for her family. *God Bless you Ms. G. and may we all learn by your example!*

**John 13:34** A new commandment I give unto you, That ye love one another; as I have loved you, that ye also love one another.

**Bed Bugs Are Back:** The United States is on the verge of a bed bug pandemic. Bed bugs are infesting homes, apartments, office buildings, places of worship, libraries, movie theaters, retail stores, hotels and college dormitories. Bed bugs may be infesting these facilities directly, or employees and vendors may be bringing in the uninvited guests from home. In either case, building service contractors shouldn't be surprised if they encounter these pests at their accounts. Bed bugs can be easy to spot: they are the size and color of an apple seed. But they are also nocturnal and elusive because they hide in baseboards, electrical

switch plates, picture frames, cubicle dividers and upholstery. Bed bugs feed exclusively on blood. They don't need to eat every day. After a meal, they will hide in secluded places for five to 10 days while they digest, mate and lay eggs. Female bed bugs will lay between one and five eggs a day and the eggs will hatch seven to 10 days later,

quickly surmounting to a massive infestation. **What Is An Example Of A Team Player:** Answer: A person who shares credit and accepts blame. A good team player is someone who can work with a diverse group, respect others opinions, have input of their own and work hard to accomplish the teams goals not their own.

**Mission Statement:** *Our Goal is to become the industry leader in providing janitorial and green-cleaning services. To offer quality, “worry-free” service to our valued stakeholders-our customers, employees, suppliers and the communities in which we do business. We will accomplish this in a cost-effective manner utilizing a trained, capable and professional staff.*

**Vision Statement:** *To accommodate and exceed the expectations of all parties that contribute to the execution of our mission. This includes our employees, management, suppliers and investors-We are a Team.*

Microfiber: **BLUE** Glass,

**GREEN** Dusting, **Yellow** Stainless, **Red** Fixtures. **SAVINGS**

**TIPS: Planning Ahead for the Winter Holiday Season.**

- Planning ahead can help alleviate some of the stress that accompanies this very exciting but busy time of the year.
- When you have enough money saved in the bank, giving gifts is a much more enjoyable experience all around.
- You can concentrate on getting the right gift for that special family member or friend, as opposed to feeling overwhelmed by having to spend money you don't have.
- Many people buy more than they can afford and the Ghost of Holiday Past ends up haunting them every month in the New Year in the form of a credit card payment.
- Shorten your gift list: Is it really necessary to buy everyone on your list a present? Consider sending a thoughtful holiday card or e-mail, or even writing a family newsletter to update everyone about the past year.
- Get creative with your gift giving: Handmade gifts and personalized coupons can be the most thoughtful gifts. Think about your own talents as well as what the person may need. For example: knit a blanket or sweater; bake some cookies; create a photo album of your favorite pictures (decorate the cover of the album with a colorful title); make a music tape with their favorite tunes; or give them a coupon for a special dinner at your house, babysitting time, or even a house cleaning – the list is endless.
- Draw names: If you belong to a big family or have lots of friends, suggest this idea so that each person has to buy only one gift.

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