



Unleash the Beast™

BIOTRATION™ — THE ULTIMATE GREEN CLEANING PROCESS

The subject of green cleaning products is at the top of the agenda for many business leaders and is a very high priority for most building maintenance and janitorial services. From daily cleaning to drain system maintenance, green products and practices have become a hot topic and, in some cases, even a PR opportunity. Unfortunately, many green products do not deliver the industrial-strength cleaning power necessary to get the job done. Hence, "going green" has become a major headache for building engineers, facility managers and janitors, who are required to deliver superior cleaning results and smooth-functioning facilities — every day.

Green Bull products are intentionally engineered to deliver heavy-duty degreasing and cleaning action while being 100% green and environmentally beneficial. The driving force behind this extremely powerful and proven cleaning efficacy is a revolutionary and proprietary technology called BIOTRATION™. The BIOTRATE formula contained in Green Bull's products remediates a wide spectrum of organic waste, including Fats, Oils and Grease (FOG). Bacterial colonies, that are 100% safe, digest organic sludge and grease, leaving only water and carbon dioxide behind. Numerous field tests and trials have proven that Green Bull's products outperform and out-clean competing green products as well as traditional toxic products and mechanical cleaning processes.

BIOTRATION™ TECHNOLOGY —

TAKING BIO-REMEDIATION TO THE NEXT LEVEL

Extensive research is at the core of Green Bull's proprietary BIOTRATION cleaning technology. This bio-remediation process eliminates organic waste, such as animal and vegetable fats, oils and grease, cellulose, carbohydrates, etc., from the effluent in commercial drains, sewer systems, on floors and other surfaces and in ponds and lakes.

The uniqueness of the BIOTRATION technology stems from the combination of naturally occurring voracious, grease-eating micro-organisms and powerful bio-detergents with a natural, highly-effective surface active system. The breakthrough in Green Bull's revolutionary BIOTRATION technology is its ability to turbo-charge the cleaning power typically achieved by biological agents — thus delivering authentic industrial-strength cleaning power.

CERTIFIED AND PROVEN BIO-TECHNOLOGY

Green Bull products have been independently verified by an internationally recognized environmental hygiene firm to be 100% beneficial to the environment and highly preferable to existing toxic and caustic cleaning products.

BIOTRATION technology utilizes a well-known metabolic process called the Krebs Cycle — a biological process present in every aerobic organism which utilizes oxygen to create chemical reactions at a molecular level. Essentially the cycle is part of the cellular respiration process that converts the compounds of fats, proteins and carbohydrates into usable energy in humans, animals, and plants. During this complex cellular process, the organic chemicals and oxygen are converted to produce energy, carbon dioxide, and water.

This microbial-based cleaning process has been used successfully for decades and continues to be used by facilities such as municipal wastewater treatment plants — where bacteria are used to digest organic waste in water prior to filtration and chlorination.



BIOTRATION. MAXIMUM CLEANING POWER. HIGHEST CLEANING PERFORMANCE

Green Bull's superior cleaning action firmly distinguishes its BIOTRATE-based products from other green cleaners, in both power and performance, and finally enables users to go 100% green without compromising superior cleaning results.

MAXIMUM WASTE ELIMINATION

- Wide spectrum of organic waste
- Optimized, most potent and synergistic bacterial selection

GREATEST CLEANING EFFICACY

- Most powerful commercially-available bacterial concentration — Optimized at 1 Trillion Colony Forming Units (CFU's) per gallon
- Super bio-detergents

PERFORMS DEEP-CLEANING

- Establishment of a microscopic, active bio-film in drain and sewer systems and on floors and other surfaces
- Lifts embedded dirt to surface thereby rejuvenating surfaces and preventing future build-ups

ADVANCED PRODUCTIVITY

- Extreme bacterial colony productivity rate
- Imbedded fermentation cultures and nutrient packs enhance performance

EASY, HIGHLY EFFECTIVE APPLICATION

- Preferred liquid formula compared to less effective freeze-dried powders and tablets

TACKLES THE TOUGHEST CONDITIONS

- Inclusion of toughest bacterial strains to survive and thrive in the most challenging and harsh industrial settings and conditions

DELIVERS ONGOING CLEANING ACTION

- Microbial cleaning action continues post application enhancing the deep cleaning process

100% GREEN, 100% BIO-DEGRADABLE

- All-natural and proprietary surface active system

100% SAFE FOR INFRASTRUCTURE AND INDIVIDUALS

- 100% non-toxic, non-caustic, non-corrosive
- 100% safe – BioSafety Level 1 micro-organisms

MORE POWERFUL THAN ENZYME BASED CLEANERS

Green Bull products eliminate fats, oils and grease (FOG) permanently. Competing enzyme-based cleaners utilize "old technology" that simply breaks-up FOG and sludge thereby allowing waste particles to re-congeal downstream in pipes or in surface pores and cracks. Green Bull products include enzymes for the sole purpose of boosting microbial productivity thereby improving our bacteria's ability to more rapidly and easily break down and digest waste.

SAFER THAN TRADITIONAL CHEMICAL CLEANING PRODUCTS AND PROCESSES

Traditional toxic chemical cleaning products and mechanical processes are not just environmental pollutants, they are often harmful to use and may create long term damage to physical infrastructure including floor surfaces, industrial drains and municipal sewer systems. Mechanical processes can also be hazardous as they can degrade a system over time and create structural damage that is very expensive to repair.

Green Bull products are 100% people safe and will not damage your infrastructure.

CORNERSTONE TO ANY PREVENTATIVE MAINTENANCE PROGRAM

Green Bull's Biotrate-based Industrial Cleaning Products satisfy the various requirements of any quality facility maintenance program:

- Based on innovative, environmentally friendly and safe BIOTRATION technology
- Treats contaminants at their source
- Equally effective as harsh or toxic chemical offerings
- People safe, truly green and LEED compatible
- Beneficial for long term capital asset preservation
- Cost effective and easily implemented