

BIO CLEANING SOLUTIONS

Bio Tech GTX 10 FF – Floor, Tile and Carpet Cleaner

IMPORTANT NOTICE

Green Worx CS contends that this product is manufactured according to and conforms to the terms and conditions as stipulated in SABS/TC 1006/SC 02 "Detergents, soaps, cleaners, degreasers and oil spill dispersants and absorbents" including SANS CD 1604ED1.1:Biologically enhanced cleaning and degreasing products.



Bio Tech GTX 10 FF- Floor, Tile and Carpet Cleaner is a versatile and effective floor, tile and carpet cleaner enriched with safe probiotic bacteria. Designed for manual cleaning of floor, tile and carpet, including wood, tile, marble, linoleum and more. With each application, the formula of beneficial probiotics, enzymes and green cleaning agents work together, cleaning all the way down to the microscopic level, stabilizing the environment, reducing allergens, and drastically reducing odours. Highly concentrated and economical, Bio

Tech GTX 10 FF – Floor, Tile & Carpet Cleaner cleans and degreases quickly and thoroughly and has a residual effect, lasting for up to 3 to 5 days after application. Completely safe for skin and clothing, is biodegradable, non-flammable and non-volatile.

Unique Mechanism of Action

Bio Tech GTX 10 FF – Floor, Tile and Carpet Cleaner floods the surface with millions of safe, healthy probiotic bacteria that displace harmful (pathogenic) bacteria. These “tiny workers” continue cleaning and deodorizing for several days, unlike traditional cleaners that stop working as soon as they are dry.

Benefits

- Highly concentrated and economical
- Cleans down to the microscopic level.
- Removes dirt, stains, and biofilm.
- Drastically reduces odours.
- Residual cleaning and deodorizing effect for several days.
- Safe for people, pets, and the environment.

Uses

- All washable carpets
- Upholstery
- Rubber matting
- Tile and linoleum floors
- Wood and laminate floors

Important Points

- Biodegradable, non-flammable, non-volatile
- Bacteria: Class 1 (harmless)
- Store indoors at 25°C; shielded from direct sunlight.
- Shelf life: 2 years

PRODUCT CHARACTERISTICS

- **Bacteria Counts** : 1 X 10⁹/ml
- **Bacteria Type** : Bacillus consortium producing the following enzymes:
 - ✓ **Protease** – breaks down proteins (e.g. meat, excreted/secreted proteins) into amino acids
 - ✓ **Lipase** – breaks down fats/grease into fatty acids & glycerol. If not broken down, fats can go rancid & lead to off-odours and blocked drains/fat grease traps.
 - ✓ **Amylase** – starch acts as a glue for dirt – amylases catalyse the break-down of starch into sugars which are then further used as a food source by the bacillus
 - ✓ **Cellulase** – breaks down cellulosic material
 - ✓ **Urease** - catalyzes the hydrolysis of urea into break-down products.
 - ✓ **Esterase** - splits esters into an acid and an alcohol in a chemical reaction with water called hydrolysis. Esters have characteristic odours most of which are pleasant/fruity, however can also include onion/garlic and worse odours
 - ✓ **Xylanase** – help in breaking down plant cell walls.
 - What this means – the bacillus use the multitude of enzymes produced to break down the components of malodour and staining to provide microbial cleaning at the smallest level of dirt/contamination.
- **Salmonella** : Not detected
- **Appearance** : Clear liquid
- **Fragrance** : Pleasantly perfumed
- **Shelf-life** : Two years; maximum loss of 1.0 log at recommended storage condition

Other Information

The proprietary probiotic bacterial strains used in Green Worx CS products are all natural strains and have not been subject to any gene splicing or recombinant technologies (No GMO). They are beneficial and classified as Type 1 (harmless organisms).

Directions for Use

Always shake the concentrate before mixing to evenly disperse/mix your probiotic workers!
Dilute in a 1:9 ratio; 1 part active to 9 parts water for heavy soiled floors and carpets

Dilute in a 1:99 ratio; 1 part active to 99 parts water for light soiled floors and carpets

Pre-treating spots and heavy traffic areas:

1. Fill a spray bottle with 500 ml water and add 5 ml of diluted product.
2. Spray on spots and high traffic areas.
3. Scrub with cloth or light brush (agitate the pile/floor)
4. Leave to air dry prior to vacuuming the carpet.

Pour any remaining solution down the drain to clean and eliminate biofilm and combat odours within the drain system.

Bio Tech GTX 10 Concentrate is designed as a bio-technical aid to treatment of organic waste material offering liquefaction and reduction of solids, reduction of odour, easier disposal of waste, aids general cleaning of soiled areas, safety in operation of effluent systems, offers a viable alternative to current processing techniques using a bio-technical approach.

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