

Technical Bulletin

DESCRIPTION / FEATURES:

FLOOR MEDICS BIO- CLEANER & DEODORISER:

A highly active multi-functional product for surface cleaning, drain clogs, grease traps, septic tanks, refuse bins, animal waste and for controlling the toughest industrial wastewater treatment and odor problems.

AVAILABLE SIZES:

Bio Cleaner & Deodoriser is available in 1Litre or 5Litres / bottle.

■ APPLICATIONS:

Surface Cleaning & Deodorizing.

With each application, it penetrates into cracks and crevices of floor surfaces to degrade and digest oil spills, grease and other accumulated nutrients leaving floors truly clean. Other benefit includes eliminating slippery floors caused by grease build-up. No rinsing required, save labor time and water. Dispose mop water into drains or sinks after cleaning will enhance the bioactive action throughout the plumbing lines.

Carpet, Upholstery & Fabric Cleaner.

By applying uniformly, particularly areas where spills can occur, it allows the bacteria spores to degrade trapped and absorbed organic materials leaving carpets, fabrics and other surfaces clean and pleasantly fresh smelling.

Drain Pipes and Grease Trap Maintenance

Acts on organic waste, clearing the piping system that utilizes Bio-Active Enzymes-Producing Bacteria to digest waste thus keeping drains line free flowing.

Odors Eliminator

Many times it seems that despite hard cleaning, decaying organic matter is still left behind. BIO-CLEANER acts on organic waste and eliminates the source of most offensive odours. It leaves walls, floors, toilet and surrounding area clean and pleasant smelling. There is NO masking as the bio-enzymes breaks down the entire organic matter into Carbon Dioxide (CO₂) and Water (H₂O).

■ DIRECTIONS FOR USE:

Always shake well before use. Do not apply disinfectants or sanitizers before or after use of BIO-CLEANER. Doing so will neutralize the bio-enzymes or bio-workers.

Surface Cleaning & Deodorizing: Mix 25ml to 10 litres of water. No rinsing required. Dispose mop water into drains or sinks after cleaning will enhance the bioactive action throughout the plumbing lines.

Carpet, Upholstery & Fabric: Mix 50ml to 5 litres of water for carpet shampooing or spray directly on carpet after cleaning and maintenance. For spot cleaning using sprayer, firstly test fabric for color fastness using a section, which does not show. Remove excess solids or liquids. Spray diluted product onto deeply soiled areas as "pre-treatment" especially for urine, vomit, greasy stains and pet accidents. You may soak wet for 30 minutes prior to washing with your preferred laundry detergent. Applicable for carpet cleaning extraction machines with dosage of 100ml mix with 500 ml of water, which will fits these units.



Drain Pipes & Grease Trap Maintenance: BIO-CLEANER works best when allowed to work uninterrupted or overnight when minimum drain water is discharged. For drain lines, pour 125ml to 250ml into kitchen sink, toilet, shower, floor drain, etc. and add 1 cup warm water to activate the product, and stand overnight. Repeat in two or three days. For problem drains, check for obstruction and repeat daily until resolved and then return to maintenance dosage of 100ml every 2 weeks.

Odours Eliminator: Mix 1 part to 20 parts water (Ratio 1: 20) to spray on surfaces with obnoxious odours like refuse containers, sanitary systems and animal waste.

■ **PACKAGING & HANDLING:**

Storage: Cool, Dry Place.

Dilution Ratio: BIO-CLEANER is typically used at a 5% to 10% level in your finished product formulation to obtain a minimum of 5.0 to 10.0 billion colony-forming units per liter.

Handling: Avoid contact with eyes, skin and open wounds. Wash hands with soap and water after handling. For additional information see MSDS. USDA authorized.

■ **PRODUCT PROPERTIES:**

Type: Multiple Bacillus spp.
Form: 99+ Spores
Spore Count: 100 million CFU/ml
Gram-Negative Bacteria: N/A (Bio-safety Level 1)
Appearance: Blue Liquid
Fragrance: Pleasant
PH: 6.0 – 7.0
Flash Point: N/A
Specific Gravity: 1.0 – 1.1
Shelf Life: Two Years at 21 C (70 F)

■ **PERFORMANCE CHARACTERISTICS:**

Effective pH Range: 5.0 – 10.0
Effective Temperature Range: 5 C – 55 C (40 F – 130 F)
Facultative Microorganisms: Growth with Or without Oxygen
Bio-Enzymes Production: Protease, Amylase, Lipase, Cellulose, Urease
BOD/COD Ratio: > 0.35

◆ **Benefits Compare to Conventional Cleanings Solutions**

1. Safe to use and store. Non-Toxic, Non-Acidic, Non-Caustic. ALL NATURAL.
2. Easy to use. Packaged in plastic containers and sachets.
3. Cost Effective, Economical & Environmental Safe.
4. Energy & Water savings.
5. Naturally derived Non-Pathogenic, Enzymes-Producing Bacillus strains.
6. Reduce pollution caused by waste materials
7. Surfaces are deep cleaned and pleasantly fresh smelling.
8. Does not damage or erode any surface.
9. Non-rinse & Non-slip Cleaners.
10. Reduce odors and pests free.
11. Keeps drain lines free flowing.
12. Helps protect drainpipes.
13. Dramatically reduce Biological Oxygen Demand (BOD) & Chemical Oxygen Demand (COD) & Total Suspended Solids (TSS) & break down waste products into carbon dioxide and water.

▲ **CAUTION:**

• **KEEP OUT OF REACH OF CHILDREN**

- Do not take internally.
- Rubber Gloves should be worn during application.
- **INHALATION:** Move to fresh air
- **IF INGESTED:** Do not induce vomiting. Drink 1 to 2 glasses of water. Seek immediate medical attention.
- **EYE CONTACT:** Flush thoroughly with water for 15 minutes. If irritation persists, seek medical attention.
- **SKIN CONTACT:** Wash skin with soap and water. Remove contaminated clothing

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