



## General Purpose Bio-Cleaner

A unique liquid concentrate combining high performance chemistry and natural micro-organisms that in combination offer an effective way of cleaning a wide variety of hard and soft surfaces. The result is a superior, environmentally-preferred solution to a wide range of cleaning applications.

### TECHNICAL DESCRIPTION

General Purpose Bio-Cleaner comprises a unique and highly effective modern chemistry with a specialised blend of natural bacterial cultures. The product results in an instant clean followed by the ongoing degradation of organic wastes and soils. The bacteria continuously adapt to their environment by sensing the nature of the soil and secreting a range of hydrolase enzymes and biosurfactants to specifically deal with the problem. This metabolism is essential in breaking down a wide range of organic compounds such as grease, fats, proteins, starch and sugars found in common waste types.

General Purpose Bio-Cleaner is a safe and efficient all-in-one product for cleaning, deodorising, and removing stains from hard and soft surfaces.

### APPLICATIONS

Institutional/Facilities Management	Care homes, retail, public space, pedestrian walkways light industrial cleaning, monuments, ornaments
Washroom	toilets, urinals, sinks, countertops, tiles, floors
Catering	floors, walls, cabinets, cookers/hoods
Waste Handling	bins, skips
Household	bathrooms, showers, kitchens, bins,
Soft Surfaces	Carpets, upholstery, bedding

### ADVANTAGES

superior fully formulated, high-performance cleaning of all types of hard and soft surfaces	odour control through complete bacterial degradation of trapped organic matter
optimised bacterial consortium degrades a wide range of compounds found in common soil types.	readily biodegradable, low toxicity ingredients to minimise environmental impact
multi-surfactant, solvent-free formulation ensures highly effective cleaning	product is safe for users and the environment
continuous biological cleaning even when the cleaning operation has ceased.	Reduces greasy build-up in floor drains, grout, and on non-slip flooring and helps address 'Slips & Trips' issues.
washroom and lavatory applications: effective in control of calcium, uric scale build up and malodour. long product shelf life both as-supplied and following dilution of 10x by formulator	Highly effective in controlling malodours typically found in washrooms. High dilution makes this product very cost effective in use. Single product to cover all washroom cleaning.
Carpets: effective on stain and odour removal from food, wine, vomit, blood, urine, milk, tea and coffee	manufactured in accordance with recognised international standards, ISO 9001

## PRODUCT CHARACTERISTICS

targeted compounds	wide range of organic compounds including proteins, starches , cellulose and fats, oils and greases	
bacterial count	10X concentrate: 6.5x10 <sup>8</sup> cfu/ml	1X RTU: 6.5x10 <sup>7</sup> cfu/ml
bacterial type	<i>Bacillus</i> spore blend	
formula properties	Unfragranced, 10X concentrate turbid, light brown liquid Completely soluble in water Completely Biodegradable Neutral pH	
performance properties	effective pH range: 5.0-10.0	temperature range: 5-50°C
packaging	Available in 10L jerry can, 200L drums and 1000L IBC.	
Shelf Life	24 months in an original unopened container	

## STORAGE AND HANDLING

Store in a cool, dry place. Wash hands with soap and water after use.

## APPLICATION GUIDELINES

Dilute to 1X concentration.

Guidance given upon request for dilution, signature fragrance addition and packaging.

### Hard Surface

Trigger Spray (hard surface):

Dilute 1X product between 1/10-1/20 times. For general purpose cleaning, spray liberally on to the hard surface, wipe to clean, ideally with microfiber cloth and then buff with a fibre cloth for best results.

Mop Bucket (floor):

Add approximately 50ml of product to mop bucket filled with tap water. Mix with mop to ensure even dispersion of product. Mop floors. In order for most effective results fully apply mop water to all service area flooring and floor drains. This includes all areas under or behind counters and heavy equipment. Discard mop water into main floor drain. Refrain from walking on wet surface.



## **Soft Surface**

### Spot Cleaning (carpet):

Spot clean with 1X diluted product using a spray bottle and then sponge with hand hot water to remove deep down stains. Hold bottle 6-10 inches from carpet and completely saturate the stain. Allow product to take effect for at least 5 minutes and then wipe with a clean cloth or sponge. Ensure that the cloths or sponges are colour-fast. Repeat treatment as necessary until the stain is removed or no further material appears on the cloth or sponge.

Always test a hidden area of material to ensure colourfastness.

### Machine Cleaning (Carpet):

Add a sufficient amount of to the tank of the cleaning equipment so that when topped-up with clean, hand-hot water (40°C) the tank contains the equivalent of a 1/50 solution.

Use carpet shampoo equipment as normal following manufacturers instructions.

### Bonnet Mopping (Carpets):

Spray a 1/20 solution over an area then bonnet mop in normal way.

Vacuum the carpet when dry.

## **Disclaimer**

General Purpose Bio-Cleaner can be used on all surfaces that can be cleaned with water. However, as with all cleaning products, it is always wise to test for colour fastness before cleaning an area not cleaned before with this product.