

# GPC

## General Purpose Bio-Cleaner

A unique liquid concentrate combining high performance chemistry and natural micro-organisms that combined 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.

## Product 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. GPC is a safe and efficient all-in-one product for cleaning, deodorising, and removing stains from hard and soft surfaces.

## Product Specifications

Category	Details
Targeted compounds	Proteins, starches, cellulose, fats, oils, greases
Bacterial count	10X concentrate: 6.5x10 <sup>8</sup> cfu/ml 1X RTU: 6.5X10 <sup>7</sup> cfu/ml
Bacterial type	Bacillus 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

## APPLICATION AREA

- Living Quarters and Lounges: Cleaning of surfaces, furniture, carpets, and upholstery to maintain a clean and comfortable environment.
- Public Spaces: Regular cleaning of high-touch areas like walkways, corridors, and shared lounges to control the spread of germs and maintain hygiene.'
- Restrooms and Washrooms: Cleaning toilets, urinals, sinks, countertops, tiles, and floors to keep these high-use areas sanitized and safe.
- Showers: Regular cleaning of shower floors, walls, and fixtures to prevent mold, mildew, and soap scum buildup.
- Galley Floors, Walls, and Counters: Cleaning spills, grease, and food residues from floors, countertops, and kitchen walls to meet hygiene standards.
- Carpets, Bedding, and Upholstery: Cleaning and refreshing fabrics in crew quarters, passenger cabins, and lounge areas to maintain hygiene and appearance.
- Decks and Walkways: Cleaning pedestrian walkways and external deck areas to prevent slips and maintain a safe walking surface.
- Light Industrial and Maintenance Areas: Cleaning machinery, tool storage areas, and workspaces in engine rooms or light industrial spaces onboard the vessel.

## DIRECTIONS FOR USE

A 1:10 dilution of General Purpose Cleaner (GPC) is versatile for various heavy-duty cleaning tasks onboard a vessel. Here are a few key applications for this dilution:

1. Heavy Soiling on Decks and Walkways: Ideal for tackling stubborn dirt and grime on exterior surfaces exposed to the elements. Apply with a mop or scrub brush, then rinse thoroughly.
2. Engine Room and Machinery Surfaces: Useful for degreasing and cleaning equipment surfaces, tool storage, and workbenches where oil and residues accumulate. Apply with a cloth or sponge, scrub as needed, and wipe clean.
3. Galley Hood and Ventilation Systems: Effective for cutting through grease buildup on ventilation hoods and ducts. Spray liberally, allow a few minutes for the solution to penetrate, then wipe or scrub away.
4. Waste Disposal Areas and Compactors: For sanitizing and deodorizing areas where waste accumulates, a 1:10 dilution helps manage odors and bacteria. Spray the area, let it sit briefly, then wipe or rinse away.
5. Exterior Windows and Glass Railings: Use this dilution to remove saltwater spots and residue from exterior glass surfaces, ensuring a streak-free finish. Apply with a spray bottle, wipe with a microfiber cloth, and buff if necessary.

## 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 appear 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 manufacturer's instructions.

## Surface Compatibility & Usage Note

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.

## Features & Benifits

- ✓ High-performance cleaning for all hard and soft surfaces.
- ✓ Bacterial blend breaks down common soil compounds effectively.
- ✓ Solvent-free multi-surfactant formula ensures deep cleaning.
- ✓ Continues biological cleaning even after manual cleaning ends.
- ✓ Controls calcium, uric scale, and odour in washrooms.
- ✓ Long shelf life both as-supplied and after 10x dilution.
- ✓ Removes stains and odours from food, wine, vomit, blood, etc.
- ✓ Eliminates odour by degrading trapped organic matter.
- ✓ Uses biodegradable, low-toxicity ingredients for safety.
- ✓ Safe for users and environmentally responsible.
- ✓ Reduces greasy buildup in drains, grout, and non-slip floors.
- ✓ Controls malodours commonly found in washrooms.
- ✓ High dilution ratio makes it cost-effective in use.
- ✓ One product covers all washroom cleaning needs.
- ✓ Manufactured under ISO 9001 international standards.

## Product Info

**Packaging:**  
4x5Ltr

**Product Code:**  
80015-20

### **i** Disclaimer

Information in this Technical Data Sheet is accurate as of issue date and for indicative use only. For user-specific instructions, contact your Company Representative. GNC Marine accepts no liability for issues arising from improper handling, storage, or application by third parties not meeting SDS requirements. Please refer to the SDS for detailed procedures.

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