

# BCL5000™ / BCP5000™

## BIOLOGICAL CLEANER FOR HYDROCARBON-CONTAMINATED SURFACES

### PRODUCT DESCRIPTION

BCL5000™ (liquid) and BCP5000™ (powder) are biological-based cleaners/degreasers designed for cleaning and remediating hard surfaces contaminated with petroleum-based substances. BCL5000™ / BCP5000™ will degrade a wide range of hydrocarbons including gasoline, diesel, crude oil, benzene, toluene, ethyl benzene, and xylene. They are particularly effective on porous surfaces like concrete, asphalt, and other industrial surfaces. The powder version, BCP5000™, is ideal for use in applications where liquid cleaning solutions are less effective.

### PACKAGING AND STORAGE

BCL5000™ is available in 4x4 L, 20.37 kg, 208.82 kg, and custom packaging.

BCP5000™ is available in bulk, water-soluble pouches (40 x 250 g), and custom packaging.

Store in a cool, dry location. Packaging must be kept intact, dry, and away from sunlight. Please follow the recommendations and use the product before the best before date. Contact Bionetix® with questions. Avoid inhalation and eye contact. Avoid excessive skin contact.



### FEATURES AND BENEFITS

- Enhanced biodegradation with biosurfactants (rhamnolipids) to break down hydrocarbons
- Effective on porous surfaces, including concrete and asphalt
- Continued biodegradation after application for residual cleanup
- No special water disposal permits required (subject to local regulations)
- Supports VOC reduction through microbial degradation of hydrocarbon residues
- Liquid version ready-to-use for automated systems (BCL5000™ only)
- Powder version for long-term storage and convenient handling (BCP5000™ only)
- High microbial concentration (5 billion CFU/g) for rapid hydrocarbon biodegradation (BCP5000™ only)

### TYPICAL APPLICATIONS

- Industrial floors (concrete, asphalt, tiles)
- Garages and gas stations
- Parking lots, drive-thru lanes, and maintenance areas
- Petroleum processing plants
- Warehouses and loading docks
- Oil-contaminated machinery and equipment
- Biological parts washers
- Remote industrial sites requiring powder-based remediation (BCP5000™ only)

### SPECIFICATIONS

	BCL5000™	BCP5000™
Description	Light yellow liquid	White powder
Fragrance	Mild and pleasant	Mild and neutral
Stability	Max. 1 log loss per year	Max. 1 log loss per year
pH	9.00-10.00	10.00-11.00 (1% solution)
Bacteria Count	100 million CFU/g	5 billion CFU/g
Bulk Density	1.035-1.045 g/mL	0.60-0.70 g/mL
Solubility	Completely water soluble	Completely water soluble

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## APPLICATION INSTRUCTIONS

### *Liquid Version:*

BCL5000™ is a concentrate that can be diluted prior to use. Dilution ratios:

- For heavily soiled concrete–1:10 (75-90 mL/L).
- For lightly soiled concrete–1:40 (15-30 mL/L).

Spray or pour BCL5000™ on surface. Scrub with brush. Leave on for one minute up to an hour. Rinse with water. Can use pressure washer if highly soiled.

### *Powder Version:*

BCP5000™ can be applied wet or dry.

**Dry Application:** Apply 50–100 g/m<sup>2</sup> over contaminated surface. Allow ambient moisture or light spraying to activate. Reapply after heavy contamination or rain.

**Wet Application:** Mix 1 kg of BCP5000™ with 20–30 L of warm water. Stir gently and let stand for two hours. Apply with sprayer or pour directly. Allow 30–60 minutes dwell time before rinsing or pressure washing.

\*\*For applications requiring dilution, the recommended dosage is 15 g/L to ensure effective wetting and cleaning performance.

### *Both Versions:*

After rinsing, the bacteria in the product will continue to provide residual cleanup on the hard surface as well as downstream in drain lines, sewer systems, grease traps, or holding tanks. In case of runoff restrictions, BCL5000™ / BCP5000™ can be left on the hard surface overnight prior to manual rinsing or heavy rain.

For further information on application, contact your Bionetix® technical representative.

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For Nature**



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