

# BC-5000

## *Enriched Bioaugmentation Liquid*

BC-5000 is a liquid bio-enzymatic product base developed specifically to solve organic waste problems commonly found in waste water treatment systems. This synergistic blend of multiple strains of safe, naturally occurring bacteria is coupled with biodegradable chemical technology to address a variety of waste treatment needs. This enriched product contains bacteria with the ability to function in low oxygen environments which allow the microbes to be efficient digesters of waste in most waste water systems. BC-5000 works well attacking FOG in lift stations, wet wells, mains, sewer pipes and other sites that tend to accumulate grease.

The bacteria contained in this totally organic block are safe, natural isolate strains which are non pathogenic and non-mutating. Specially adapted to the task, these microbes handle difficult organic problems rapidly and effectively. A winter/cold climate formulation containing psychrophilic (cold-loving) bacteria is also available. Our unique growth enhancers and biostimulants that are contained within the product give the bacteria unsurpassed nutrient support and growth capabilities. BC-5000 can be metered, sprayed with a coarse sprayer, or manually dosed (poured).

### **Where To Use**

- |                          |  |                      |
|--------------------------|--|----------------------|
| ◇ Sewer Mains & Lines    | ◇ Sewage Spills/Overflows                | ◇ Collection Systems |
| ◇ Oxidation Ditches      | ◇ Waste Water Ponds,<br>Lagoons, & Tanks | ◇ Trickling Filters  |
| ◇ SBRs & RBCs            | ◇ Wastewater Treatment<br>Systems        | ◇ Scum Pits          |
| ◇ Septic Systems & Lines |  | ◇ Lift Stations      |

### **Advantages Of Use**

- Synergistic microbe system
- Non-pathogenic microbes & Environmentally safe
- Reduces BOD, COD, & TSS
- Digests proteins, starches, fats, carbohydrates, and grease
- Facultative growth capability-aerobic & anaerobic (with or without oxygen)
- Uses NATURAL, SAFE Bacteria to Digest and Eat Grease
- Breaks down FOG in WWT Systems
- Non-Hazardous Product - HMIS of 1-0-0
- Non-corrosive - safe on pipes, electrical cables, pumps, & equipment
- Stable - 1 year shelf life

# Bio Clean BC-5000

## Technical Information

### Typical Properties

Form.....Liquid suspension  
Appearance.....blue-green  
Fragrance.....pleasant  
pH.....neutral  
Specific Gravity.....1-1.05  
Shelf Life.....1 year at 70 degrees F

### Microbiological Information

- High Potency Nutrient System
- Multiple strains of selected microbes
- Facultative anaerobes ( growth with or without oxygen )
- Class 1 ATCC organisms
- Non-pathogenic & non-mutating
- Spore Forming & vegetative cells
- Certified Salmonella Free (negative)
- Minimum Count - 400 billion CFU/gal or 105 million CFU/ml.

### Application

Apply by spraying, metering, or manually dosing in to application area.

### Performance Properties

Effective pH Range.....6.0 - 9.0  
Effective Temp. Range.....38-110 deg. F.

Dissolved Oxygen.....>1.0 preferred

### Product Safety

Health	1	0=Least
Flammability	0	1=Slight
Reactivity	0	2=Moderate
		3=High
		4=Extreme

### Storage & Handling

- Store in a cool place
- Protect from freezing
- Do not open until needed
- Replace lid tightly after each use
- Avoid inhalation of mist
- Wash hands with warm, soapy water after use

**Bio Clean** BC-5000 is packaged in 6 and 55 gallon drums. 330 gallon disposable totes available on request.



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