

BC-2000

Bioaugmentation Liquid

BC-2000 is a liquid bio-enzymatic product developed specifically to solve organic waste problems. This synergistic blend of multiple strains of safe, naturally occurring bacteria is used for a variety of waste water treatment needs. This high count, high potency, Ready-To-Use product is able to produce a wide spectrum of organic waste degrading exoenzymes which allow the microbes to be efficient digesters of the waste normally found in wastewater. This product is highly potent with a variety of effective microbial strains and contains NO SURFACTANTS or CHEMICALS.

PREMIUM PRODUCT

The selected strains used in BC-2000 contain aerobic and facultative anaerobic varieties to provide you with a strong, high performance product in difficult environments found in wastewater treatment systems. The inclusion of facultative microbes assures that performance is good in both oxygenated and low oxygen or anoxic environments. BC-2000 can be metered, sprayed with a coarse sprayer or manually dosed (poured). Contains ***natural plant extract growth stimulants*** for great performance.

USE IN

- *Sewer Mains*
- *Oxidation Ditches*
- *SBRs*
- *Septic Systems*
- *Sewer Lines*
- *Waste Water Ponds, Lagoons, & Tanks*
- *Wastewater Treatment Systems*
- *Plumbing Systems*
- *Collection Systems*
- *RBCs*
- *Trickling Filters*
- *Scum Pits*
- *Reseeding*

BENEFITS

- ☑ Lowers BOD, COD, TSS, & TOC
- ☑ Non-pathogenic & Environmentally safe
- ☑ Digests proteins, starches, fats, carbohydrates, and grease
- ☑ Wide spectrum of applications
- ☑ Facultative growth capability-aerobic & anaerobic (with or without oxygen)
- ☑ HMIS of 1-0-0 * Safe to Personnel
- ☑ Non-corrosive -Safe on pumps & equipment
- ☑ Compacts Sludge - Reduces SVI
- ☑ Excellent Grease & Malodor Source Digester - Proven Product
- ☑ Can be metered, pumped, or manually dosed
- ☑ Concentrated, Potent, & Effective

Bio Clean BC-2000

Technical Information

Typical Properties

Form.....Liquid suspension
Appearance.....amber
Fragrance.....mild, earthy
pH.....neutral
Specific Gravity.....1
Shelf Life.....1 year at 70 degrees F

Microbiological Information

- Multiple strains of selected microbes
- Facultative anaerobes & Aerobic Cells
- Natural Nutrients & Grow Stimulants included
- Non-pathogenic & Non-engineered
- Spore Forming & Vegetative
- Certified Salmonella Free (negative)

Application

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

Performance Properties

Effective pH Range.....5.0 - 9.0
Effective Temp. Range.....38-110 deg. F.

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 handling

Packaging

BC-2000 Bioaugmentation Liquid is packaged in 6 HDPE plastic pails and 55 gallon plastic drums.

Dosage

Lift Stations/Wet wells & Sewer Lines

Apply 1 quart per 10,000 gpd flow, ½ gallon per 25,000 gpd. Mix with 4-5 gallon of water before applying, if dosed manually. For slow sewer lines, apply upstream from line restriction.

Activated Sludge WWTP Daily Dosage

<u>Plant Flow</u>	<u>First Week</u>	<u>Maintenance</u>
10K-20K gpd	2 gpd	1 gpd
20K - 50 K gpd	4 gpd	2 gpd
50K – plus gpd	6 gpd	3 gpd
1mgd	6 gpd	3 gpd
per mgd - plus	6 gpd	3 gpd

(gpd = gallons/day)

(mgd = million gallon/day)

Product should be added to aeration basin inflow point.

Trickling Filters:

Initial treatment - 6 to 10 gallons per million gallons of daily flow. Repeat 48 hours later.

Maintenance - 3 gallons per million gallons of daily flow added weekly.

Lagoons:

Initial treatment - Use 1 gallon of *BC-2000* daily in wastewater treatment for each 10,000 gallons of daily flow for first two weeks. Add to the basin influent point.

Maintenance - add ½ gallon daily for each 10,000 gallons daily flow.

Digesters:

Initial treatment - add 1 gallon per 1,000 cu. Ft. (approx. 7,500 gal.) of capacity to the inflow pump daily for 7 (seven) consecutive days.

Maintenance - 1 gallon per 6500 cu. Ft. per week.

Septic Tanks:

Industrial or Commercial Septic Tanks

Initial treatment - add 1 gallon per 500 gal. capacity for the first and second week. **Maintenance** - 1 qt per week

Drain Fields

Initial treatment - add 6 gallons directly to the junction or distribution box.

Maintenance - one gallon monthly.

NOTE: Septic Systems with heavy grease loading will require a 50 percent increase in treatment levels until problem is solved.

Made In USA.



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