

GENZYME "BIO-BLOCK"TM
PRODUCT BULLETIN

"GENZYME BIO-BLOCK"TM is a solid, bacterial laden, Block for use in degrading organic waste in higher flow systems such as lift stations, wet wells, etc. The safe, naturally occurring bacteria are present in high numbers to handle difficult organic problems. The unique Block will gradually dissolve over a 30-90 day period, which allows for continuous treatment and degradation of waste. The naturally occurring bacteria contained in the block will reduce odor, sludge, fats, oils and grease buildup.

ADVANTAGES

- ❑ Allows for 24 hour continuous treatment of waste, not just periodic dosage
- ❑ Greatly reduces labor time needed for dosage maintenance
- ❑ Reduces hydrogen sulfide & sludge buildup
- ❑ Easy to use
- ❑ Significantly reduces malodors
- ❑ Cost effective & reduces the need for pump-outs
- ❑ Breaks down fat & grease buildup and maintains lift station efficiency
- ❑ Eliminates need for metering pump - no initial or maintenance cost
- ❑ Eliminates need for personnel to dose other types of treatments daily or weekly
- ❑ Automates waste water system

USE

"GENZYME BIO-BLOCK"TM gives round the clock waste degradation treatment with a simple, easy to use system. Simply suspend the block into the treatment area, allowing the block to be placed just away from the higher flow areas. The block will dissolve over a 30-90 day period as the wastewater flow washes over it. Higher flow rates will result in faster degradation of the Block.

Degradation Flow Rates when using the 10lb Block (most common).

150 KGD.....	90+ days
250-500 KGD.....	70-85 days
500K-1 MGD.....	60-75 days
1-1.5 MGD.....	55-65 days
1.5 – 2 MGD.....	35-55 days

Higher flow rates or extended degradation may require larger size blocks, ie. 14lb-30lb

PACKAGING

"GENZYME BIO-BLOCK"TM Each is packed 4 Blocks per case; the 30 pound is packaged 1 per case & is available upon request. Bio-Block is a patented product.

Manufactured For:
Premium Sales & Service, LLC
P.O. Box 483 - Greers Ferry, AR 72067
www.premsales.com
Ofc: 501-825-9200 Fax: 501-825-9222

“BIO-BLOCK” TECHNICAL DATA

TYPICAL PROPERTIES

Appearance..... light tan
Fragrance.....mild-earthy
pH.....7.8-8.5
Shelf-Life.....2 years/u.o.c.
Flash Point.....none

PERFORMANCE PROPERTIES

Effective pH range.....5.2-9.5
Effective Temperature Range.....40-145 degrees F

STORAGE AND HANDLING

Storage.....Store in a cool, dry place
Handling.....Wash hands thoroughly with warm, soapy water after handling

BACTERIAL COUNT

Bio-Block™4Billion CFU’s per gram
Contents include..... 4 strains of Bacillus
Nutrient Package

**GENESIS TECHNOLOGIES INTERNATIONAL
“BIO-TECHNOLOGY FOR A BETTER TOMORROW”**

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Directions From Label:

Bio-Block reduces hydrogen sulfide and sludge buildup and breaks down odors, fecal, and grease compounds.

New Blocks will dissolve gradually over a 90 day period (depending upon flow rate) allowing for continuous treatment of waste.

When using in Food Plant applications, do not use on food contact surfaces. Avoid contamination of food during use and storage.

Instructions

- (1) Remove Bio-Block from Box.
- (2) Suspend Bio-Block from a rope into the area to be treated.
- (3) Change out the spent Bio-Block in favor of the new Bio-Block every 90 days.

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