



Turning Liabilities Into Leverage!

MicroBlock™

FOG / Odor Control & BOD / TSS Reduction

Product Bulletin *Problems with High Grease, Fats & Oils*

Environmental Leverage has Lab Analysis Service Available

MicroBlock™ is a solid, bacterial laden, slow release bio block for use in degrading organics. The naturally occurring bacteria contained in the block will reduce odor, sludge, fats, oils and grease buildup.

This bioaugmentation product is 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.

Biological products offer a more efficient alternative to chemicals. They actually degrade the grease and organics at the source. The MicroBlock™ is suspended below the water level and provides slow, continuous release for the bacteria.



Application Sewer, Lift Stations & Wet Wells for FOG Control

DOSAGE RATE GUIDELINES

2 - lb. MicroBlock™	35-60 Days	flows less than 50,000 gpd
5 - lb. MicroBlock™	45-75 Days	flows 50,000 -100,000 gpd
10 - lb. MicroBlock™	60-90 Days	flows >100,000 gpd

Product 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 and dredging
 - * Breaks down fat & grease buildup (FOG)
- * Eliminates need for metering pump - no initial or maintenance cost
 - * Eliminates need for personnel to dose other types of treatments daily or weekly
- * Automates septic and grease trap maintenance program



Applications of Use

- LIFT STATIONS
- WET WELLS
- SUMP PITS
- DIGESTERS
- SLUDGE TANKS
- SEWER MAINS
- Pre-TREATMENT
- LATERALS
- GREASE TRAPS
- AERATION SBR'S
- LAGOON'S
- TRICKLING FILTERS
- DRAIN LINES



Degrades
(FOG)
Fats, Oils & Grease
Starches
Protein
Malodors
Animal Fat
Organics
Triglycerides
Foaming
Surfactants
Soaps
Reduces BOD

Packaging of Product

- 2 lb. / 4 per Case
- 5 lb. / 4 per Case
- 10 lb. / 4 per Case

Environmental Leverage® Inc.

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MicroBlock™ bio solid gives round the clock waste degradation treatment with a simple, easy to use system. Simply suspend the MicroBlock™ into the treatment area, hanging the MicroBlock™ ½ the way into the lift station liquid, wet well, grease trap or pre-treatment site. The block will dissolve over a 30-90 day period, depending on size and flow rates in a typical lift stations or wet wells, providing optimal efficiency and treatment.



**2 lb. MicroBlock
Start taking the
Grease & Scum
Out of your system
Today!**

Degrades (FOG)

- Fats, Oils & Grease
- Starches
- Protein
- Malodors
- Animal Fat
- Organics
- Triglycerides
- Foaming
- Surfactants
- Soaps
- Reduces BOD



Typical Properties of Product

- Appearance.....medium green
- Fragrance.....mild-earthy
- Form.....block
- 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 Ran.....40 - 120°F

Storage & Handling

- Storage.....Store in a cool, dry place. Do Not Freeze
- Container.....Keep box closed & blocks in plastic bag. Seal end of bag to keep blocks away from air flow.

- Handling.....Wash hands thoroughly with warm, soapy water

Bacterial Count

- MicroBlock™.....4 Billion CFU's per gram
- Block Contents include..... 4 strains of Bacillus & Nutrient Package

***Ask about the impact of supplementing N and P.**

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