MicroBlock™

**FOG / Odor Control & BOD / TSS Reduction**

**Product Bulletin**

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

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**

<table>
<thead>
<tr>
<th>dosage</th>
<th>2 - lb. MicroBlock™</th>
<th>5 - lb. MicroBlock™</th>
<th>10 - lb. MicroBlock™</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>35-60 Days</td>
<td>45-75 Days</td>
<td>60-90 Days</td>
</tr>
<tr>
<td>flows</td>
<td>flows less than 50,000 gpd</td>
<td>flows 50,000 -100,000 gpd</td>
<td>flows &gt;100,000 gpd</td>
</tr>
</tbody>
</table>

**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

**Packaging of Product**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2 lb.</td>
<td>5 lb.</td>
<td>10 lb.</td>
</tr>
<tr>
<td>/ 4 per Case</td>
<td>/ 4 per Case</td>
<td>/ 4 per Case</td>
</tr>
</tbody>
</table>

**Degradation**

FOG

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

**Environmental Leverage**

1454 Louis Bork Drive
Batavia, IL 60510
admin@environmentalLeverage.com
630-906-9791 fax 630-906-9792
www.EnvironmentalLeverage.com
**MicroBlock™ FOG / Odor Control & BOD / TSS Reduction**  
**Product Bulletin**  
Problems with High Grease, Fats & Oils

**Environmental Leverage has Lab Analysis Service Available**

**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.

**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 Range**: 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**: 4 strains of Bacillus & Nutrient Package

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

---

**Environmental Leverage**  
Turning Liabilities into Leverage®

**Environmental Leverage® Inc.**  
1454 Louis Bork Drive  
Batavia, IL 60510  
admin@environmentalLeverage.com  
630-906-9791 fax 630-906-9792  
www.EnvironmentalLeverage.com