



Turning Liabilities Into Leverage!

# MicroClear® 207

## High Grease, FOG Control and BOD Reduction

### Product Bulletin

*Environmental Leverage has Lab Analysis Service Available*

MicroClear® 207 can be used in aeration basins or existing system to supplement your existing biomass or into lift stations to control High Grease situation. MicroClear® 207 is a high potency, bacteria-laden, powdered formulation, for use in degrading many types of waste. MicroClear® 207 contains a specially formulated, proprietary blend of microorganisms, micro/macronutrients, and surface tension suppressants/penetrants.

Because of the diversity of the microorganism systems incorporated into this product it is specifically developed for use in situations where there is a particular high impact from fats, oils and grease (FOG). The safe, naturally occurring bacteria are present in high numbers to handle difficult organic problems and are very economical to use.

### Enzymatic Activity

Cellulase (CAU).....	Units/Gram: 150 Min.
Protease (Casein Digesting).....	Units/Gram: 35,000 Min.
Amylase (Modified Wohlgemuth).....	Units/Gram: 55,000-80,000
Lipase (USP).....	Units/Gram: 400

### Application Instructions for Sewer & Lift Stations

Flow Rate	Initial Dosage	Maintenance**
Up to 25,000gpd	1lb. per week	½ lb. per week
Up to 50,000gpd	1lb. 2x week	1 lb. per week
Up to 100,000gpd	1lb. every other day	1 lb. 2x week
Up to 250,000gpd	1lb. per day	1 lb. 3x week



1-lb. Water Soluble Bio-Pouch

### Degrades

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

### Product Advantages

- Can be used in WW Treatment Systems & Liftstations to reduce BOD/TSS
- Greatly reduces labor time
- Enhances BOD/COD removal
- Reduces H2S Production
- Reduces sludge buildup
- Cost effective/Easy to use
- Changes biomass dynamics
- No special equipment needed
- Increases system efficiency
- Breaks down fat & grease (FOG) buildup
- Eliminates malodors at their source
- Contains facultative anaerobes
- Contains no chemicals
- Degrades a wide range of complex organic compounds

### Applications of Use

- LIFT STATIONS
- WET WELLS
- SUMP PITS
- AERATION BASINS
- OXIDATION TANKS & DITCHES
- RBC'S & SBR'S
- CLARIFIERS
- DIGESTERS
- SLUDGE TANKS
- SEWER MAINS
- LATERALS
- GREASE TRAPS
- AERATION SBR'S
- LAGOON'S
- TRICKLING FILTERS
- IMHOFF TANKS
- DRAIN LINES

### Environmental Leverage® Inc.

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www.EnvironmentalLeverage.com

### Packaging of Product

MicroClear® 207 comes in 1-lb. water soluble Bio-pouches. Packaged in 25-lb. Plastic Pails. Bulk or Smaller pouch packaging upon request.





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#### Typical Properties of Product

Appearance.....light tan  
 Fragrance.....mild-earthy  
 Form.....powder  
 pH.....6.8-8.5  
 Shelf-Life.....2 years/u.o.c.  
 Flash Point.....none



#### Performance Properties

Effective pH range.....5.2 - 9.5  
 Effective Temperature Range.....35 - 130°F  
 Bacterial Enzyme Production.....Protease,  
 Lipase, Amylase, Urease, Cellulase



#### Storage & Handling

Storage.....Store in a cool, dry place. Do Not Freeze  
 Container.....Keep lid closed on Plastic Pail. Do not store water soluble pouches out of plastic container.

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

#### Bacterial Count

MicroClear® 207.....>1x10<sup>9</sup> (Billion per gram)



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