



Turning Liabilities Into Leverage!

MicroClear® 207

High Impact Grease Digestor

Product Bulletin

Environmental Leverage has Lab Analysis Service Available

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.* The safe, naturally occurring bacteria are present in high numbers to handle difficult organic problems and are very economical to use.



1-lb. Water Soluble Bio-Pouch

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



Degrades

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

Product Advantages

- Greatly reduces labor time
- Enhances BOD/COD removal
- Reduces hydrogen sulfide
- Reduces sludge buildup
- Cost effective/Easy to use
- Changes biomass dynamics
- No special equipment needed
- Increases system efficiency
- Breaks down fat & grease 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
- OXIDATION TANKS
- RBC'S
- CLARIFIERS
- DIGESTERS
- SLUDGE TANKS
- SEWER MAINS
- LATERALS
- GREASE TRAPS
- AERATION SBR'S
- LAGOON'S
- TRICKLING FILTERS
- IMHOFF TANKS
- DRAIN LINES

Packaging of Product

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

Environmental Leverage® Inc.

812 Dogwood Dr. Suite A
North Aurora, IL 60542

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www.EnvironmentalLeverage.com



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Typical Properties of Product

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



1-lb. Water Soluble Bio-Pouch

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

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Bacterial Count

MicroClear® 207.....>1x10⁹ (Billion per gram)



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