



Turning Liabilities Into Leverage!

MicroClear® 201

Municipal & General Use - Enhance BOD Removal / TSS Reduction & Degrade FOG

Product Bulletin

Environmental Leverage has Lab Analysis Service Available

MicroClear® 201 is a high potency, bacteria-laden, powdered formulation for use in degrading many types of waste. **MicroClear® 201** contains a specially formulated blend of microorganisms, micro/macronutrients, and surface tension suppressants/penetrants. Because of the diversity of the microorganisms and enzyme systems, incorporated into this product, it is excellent for use in *Municipal Wastewater applications*. The safe, naturally occurring bacteria are present in high numbers to handle difficult municipal wastewater problems.



1-lb. Water Soluble Bio-Pouch

Degrades

- Fats, Oil & Grease
- Starches
- Proteins
- Animal Fats
- Triglycerides
- Soaps & Surfactants
- Foaming
- Sludge Volume
- BTEX
- Phenols
- Ammonia

Environmental Leverage® Inc.

1454 Louis Bork Drive
Batavia, IL 60510

admin@environmentalleverage.com
630-906-9791 fax 630-906-9792
www.EnvironmentalLeverage.com

Application Instructions

Flow Rate

- Up to 1,000 gpd
- Up to 5,000 gpd
- Up to 20,000 gpd
- Up to 50,000 gpd
- Up to 250,000 gpd
- Up to 500,000 gpd
- Up to 1 mgd
- Up to 5 mgd
- Up to 12 mgd
- Up to 100 mgd

Initial Dosage

- ½ lbs. per day for 3 days
- ½ lbs. per day for 3 days
- 5 lbs.*
- 8 lbs.*
- 15 lbs.*
- 25 lbs.*
- 50 lbs.*
- 50 lbs. per mgd*
- 50 lbs. per mgd*
- 30 lbs. per mgd*

Maintenance**

- ½ lb. per week
- 1lb. per week
- 1½ lb. per week
- 2 lb. per week
- ¼ lb. per day
- ½ lb. per day
- 1 lb. per day
- 1 lb. per mgd per day
- ¾ lb. per mgd per day
- ½ lb. per mgd per day

Product Advantages

- Greatly reduces labor time
- Enhances BOD/COD removal
- Reduces hydrogen sulfide
- Degrades a wide range of complex organics
- Cost effective/Easy to use
- Reduces Sludge Build-Up
- No special equipment needed
- Increases system efficiency
- Breaks down fat & grease buildup
- Eliminates malodors at their source
- Contains no chemicals
- Changes biomass dynamics

Application

- WASTE WATER PLANTS
- LIFT STATIONS
- HOLDING TANKS
- LAGOONS
- WASTE SUMPS
- DIGESTER
- RBC'S
- OXIDATION DITCHES
- ACTIVATED SLUDGE



Packaging of Product

MicroClear® 201 comes in 1-lb. water soluble Bio-pouches. Packaged in 25-lb. Plastic Pails. Bulk 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



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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® 201.....>1x10⁹ (Billion per gram)

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