



Turning Liabilities Into Leverage!

MicroClear® 201

For Municipal Use

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.

812 Dogwood Dr. Suite A
North Aurora, IL 60542

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



Degrades

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

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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