

Turning Liabilities Into Leverage!"





Degrades

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

Environmental Leverage® Inc.

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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.

	Application Instructions	
Flow Rate	Initial Dosage	Maintenance**
Up to 1,000 gpd	½ lbs. per day for 3 days	½ lb. per week
Up to 5,000 gpd	1/2 lbs. per day for 3 days	1lb. per week
Up to 20,000 gpd	5 lbs.*	1½ lb. per week
Up to 50,000 gpd	8 lbs.*	2 lb. per week
Up to 250,000 gpd	15 lbs.*	1/4 lb. per day
Up to 500,000 gpd	25 lbs.*	½ lb. per day
Up to 1 mgd	50 lbs.*	1 lb. per day
Up to 5 mgd	50 lbs. per mgd*	1 lb. per mgd per day
Up to 12 mgd	50 lbs. per mgd*	3/4 lb. per mgd per day
Up to 100 mgd	30 lbs. per mgd*	½ lb. per mgd per day

Product Advantages

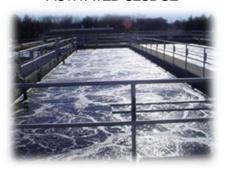
Greatly reduces labor time
Enhances BOD/COD removal
Reduces hydrogen sulfide
Degrades a wide range of complex
organics
Cost effective/Easy to use
Reduces Sludge Build-Up
No special equipment needed
Increases system efficiency
Breaks down fat & grease buildup
Eliminates malodors at their source
Contains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

Packaging of Product

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

Application

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







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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



Degrades

Fats, Oil & Grease
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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