



Turning Liabilities Into Leverage!

MicroClear® 501

Manure Degradar For Agriculture

Product Bulletin

Environmental Leverage has Lab Analysis Service Available



1-lb. Water Soluble Bio-Pouch

MicroClear® 501 is a high potency, bacteria-laden, powdered formulation, for use in degrading many types of waste. **MicroClear® 501** contains a specially formulated, proprietary blend of microorganisms, micro/macronutrients, and surface tension suppressants/penetrants, developed for use in bioaugmentation. Because of the diversity of the microorganisms and enzyme systems, this product is excellent for accelerated animal waste degradation. The safe, naturally occurring bacteria and enzyme systems are present in high numbers to handle difficult animal waste degradation problems.



Degrades

- Fats, Oils & Grease
- Starches
- Proteins
- Malodors
- Animal Fats/Wastes
- Triglycerides
- Foaming
- Ammonia
- Hydrogen Sulfide

Product Advantages

- Contains facultative anaerobes
- Enhances COD/BOD removal
- Eliminates malodors at their source
- Changes biomass dynamics
- Reduces sludge build-up
- Degrades high concentrations of waste
- Eliminates need for harsh, corrosive chemicals

Application

- Activated Sludge Systems
- Aerated Lagoons
- Sewers Facultative Lagoons
- Holding Tanks
- Manure Pits
- Waste Water Plants
- Oxidation Ditches
- Collection Systems
- Membrane Reactors

Environmental Leverage® Inc.

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North Aurora, IL 60542

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www.EnvironmentalLeverage.com

Packaging of Product

MicroClear® 501 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-earthly
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 Ran.....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® 501.....>1x10⁹ (Billion per gram)

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