MicroClear® 501
Manure Degrader For Agriculture
Product Bulletin

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.

**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

**Packaging of Product**
Bulk packaging upon request.

Environmental Leverage has Lab Analysis Service Available
**MicroClear® 501**

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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

**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)