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MICROCLEAR® 501 MANURE DEGRADER FOR AGRICULTURE PRODUCT BULLETIN



ENVIRONMENTAL LEVERAGE HAS LAB ANALYSIS SERVICE AVAILABLE

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.

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

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

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)

DEGRADES

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



PACKAGING OF PRODUCT

MICROCLEAR® 501 COMES IN
 1-lb. water soluble Bio-pouches.
 Packaged in 500GM pouches in a 11.2KG pails.
 Bulk packaging available upon request.

APPLICATIONS OF USE

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