



Turning Liabilities Into Leverage!

# MicroClear® 205

## Food Processing Use

### Product Bulletin

Environmental Leverage has Lab Analysis Service Available

**MicroClear® 205** is a high potency, bacteria-laden, powdered formulation, for use in degrading many types of waste. **MicroClear® 205** contains a specially formulated, proprietary blend of microorganisms, micro/macronutrients, and surface tension suppressants/penetrants are specifically developed for use in *food processing wastewater applications*. This potent combination of billions of active Aerobic and Anaerobic bacteria cultures are specially engineered to degrade animal fats, oils, and greases. The strong enzyme activity enhances and increases lipid reduction by converting lipids into carbon dioxide and water.



1-lb. Water Soluble Bio-Pouch

### Degrades

- Fats, Oils & Grease
- Starches
- Protein
- Malodors
- Animal Fat
- Triglycerides
- Foaming
- Surfactants/Soaps
- Chemicals

### Enzymatic Activity

- Cellulase (CAU).....Units/Gram: 150 Min.
- Protease (Casein Digesting).....Units/Gram: 35,000 Min.
- Amylase (Modified Wohlgemuth).....Units/Gram: 55,000-80,000
- Lipase (USP).....Units/Gram: 400



### Product Advantages

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

### Applications of Use

- LIFT STATIONS
- WET WELLS
- SUMP PITS
- OXIDATION TANKS
- RBC'S
- CLARIFIERS
- DIGESTERS
- SLUDGE TANKS
- SEWER MAINS
- LATERALS
- AERATION SBR'S
- LAGOONS
- TRICKLING FILTERS
- IMHOFF TANKS

### Packaging of Product

**MicroClear® 205** comes in 1-lb. water soluble Bio-pouches. Packaged in 25-lb. Plastic Pails.

### Environmental Leverage® Inc.

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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 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® 205.....>1x10<sup>9</sup> (Billion per gram)

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