MicroClear® 108

Feed Additive & Water Treatment Product.
Formulated To Promote The Production Of Healthy Shrimp & Fish.

Product Bulletin

Environmental Leverage has Lab Analysis Service Available

MicroClear® 108 is a high potency, bacteria-laden, powdered formulation for use in controlling algae and BOD through the competition of available nutrients in the water. This product is designed as a feed additive and water treatment product formulated to promote the production of healthy shrimp and fish. MicroClear® 108 contains a specially formulated, proprietary blend of microorganisms and surface tension suppressants/penetrants. Because of the diversity of the microorganisms enzyme systems, this product is excellent for increasing water clarity through controlling algae population, lowering BOD and TSS levels. MicroClear® 108 reduces harmful ammonia levels that can be toxic. The safe naturally occurring bacteria and enzyme systems are present in high numbers to handle difficult algae, BOD and odor related problems.

This biologically active formula contains a proprietary blend of bacterial strains that were selected for the ability to breakdown excess waste material in shrimp ponds while helping to protect against shrimp and fish pathogens. These naturally occurring cultures were selected for optimum enzyme production, assuring efficient breakdown of proteins, carbohydrates, cellulose and fats. This leads to better feed conversion and less waste material in your pond which results in cleaner water and higher oxygen levels. Scientifically selected cultures colonize the animal gut aiding in feed digestion and help to prevent infection by pathogens.

DOSAGE AND APPLICATION INFORMATION

Shock Dosage – Apply at first appearance of algae at a rate of 4lbs. per acre-foot x 5 doses over a two-week period. Apply evenly over affected area. Maintenance Dosage: Apply at a rate of 2lb. per acre-foot 1-2 times per week. Preventative Dosage: Apply at a rate of 2lbs. per acre-foot, beginning in spring throughout the warm months. If fertilizer is applied to surrounding areas, double dosage for 2 weeks.

Product Advantages

- Reduces Odor
- Increases Settleability
- Safe to the Environment
- Restores Water Quality
- Environmental Friendly
- Contains No Chemicals

Removes Available Nutrients from Water

Leaves Little Nutrients or BOD for algae to Grow

Allows for better production of Fish/shrimp species

Reduces BOD and TSS

Packaging of Product

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Applications of Use
Facultative Lagoons
Aerated Lagoons
Shrimp Farms
Koi Ponds
Lakes
Fountains
Golf Course
Ornamental Ponds
Fish Farms

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
Effective Salinity Range.............1 – 3%
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® 108.................................> 1x10^9 (Billion per gram)