



Turning Liabilities Into Leverage™

MicroClear® 102

BOD Removal & TSS Reduction

For Salt Water Environments

Product Bulletin

Environmental Leverage has Lab Analysis Service Available



1-lb. Water Soluble Bio-Pouch

Applications of Use

- Facultative Lagoons
- Aerated Lagoons
- Fish Farms
- Collection System
- Salt Water environments
- Shrimp Farms
- Sewers
- Lakes
- Fountains
- Holding Tanks
- Basins
- Golf Course
- Waste Water Plants
- Oxidation Ditches
- Ornamental Ponds

Environmental Leverage® Inc.

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www.EnvironmentalLeverage.com

MicroClear® 102 is a high potency, bacteria-laden, powdered formulation for use in controlling algae through the competition of available nutrients in the water. **MicroClear® 102** 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. The safe naturally occurring bacteria and enzyme systems are present in high numbers to handle difficult algae and odor related problems in a saltwater environment with high salinity 1-3%.
Before and after photos



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 2 lb. per acre-foot 1-2 times per week. **Preventative Dosage:** Apply at a rate of 2 lbs. per acre-foot, beginning in spring throughout the warm months. If fertilizer is applied to surrounding areas, double dosage for 2 weeks. (1 acre =4047 meter 2)

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

Able to grow in environments that other species will not flourish in.



Packaging of Product

MicroClear® 102 comes in
1-lb. water soluble Bio-pouches.
Packaged in 25-lb. Plastic Pails.





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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
- 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® 102.....> 1x10⁹ (Billion per gram)

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