

## AquaClear™ Tablets

a specially blended bacterial tablet for maintenance of water quality and sludge reduction in aquaculture

### overview

AquaClear™ Tablets are a solid, bacteria based, application-specific product used to remove organic matter from a variety of water systems containing fish and animal wastes or decaying plant material.

A stable aquatic environment is a delicate balance between creation and removal of wastes. If this balance is disturbed then water may become cloudy and dissolved oxygen levels depleted by high demand. Compounds toxic to aquatic life can also build up, making it difficult to restore balance without excessive and expensive cleaning.

The key to keeping healthy ponds is the maintenance of high water quality. The common means to achieve high quality clean water is an effective biological filtration system and aeration. Effective biological filters rely on the build-up of a microbial biomass that removes solid and dissolved waste materials.

AquaClear™ Tablets work quickly from under the surface of the water to degrade sludge, prevent future build up, and maintain water quality safe for sustaining aquatic life.

### advantages of AquaClear™ Tablets

optimized proprietary bacterial consortium to degrade a broad range of organic matter for removal of fish and feed wastes

bacteria also degrade decaying plant material; reducing suspended solids, silt and sediment

helps removal of toxic substances that form during anaerobic metabolism (volatile fatty acids) preventing septicity and stabilizing pH

helps maintain water clarity and promote a healthy environment

regular dosing will enhance water quality, leading to reductions in ammonia, nitrite and phosphate concentrations

bacteria selected to work in condition of high salinity and low oxygen

### application

- Maintenance of high water quality in:
  - Ornamental and recreational ponds and lakes
  - Commercial fisheries and prawn farms
  - Closed water systems
  - Fresh, brackish and saline applications

can help increase levels of dissolved oxygen

safe, fast aquatic biological filter start-up and improved filter performance, reducing the frequency of water changes

reduces shock to pond life that can arise with large water changes

removes the need for other chemical purification methods

*Bacillus* species 100% in spore form providing long product shelf life

manufactured in accordance with recognized international standards, ISO 9001



## technical specifications for AquaClear™ Tablets

<b>targeted compounds</b>	organic debris, sludge build-up, cellulose	
<b>bacterial count</b>	3.00e+09 cfu/g bacillus spores	
<b>bacterial type</b>	bacillus spores	
<b>formula properties</b>	off-white tablet with characteristic odor  (available in Canadian approved (CB) formulation)	
<b>performance properties</b>	effective pH range: 4.0-11.0	temperature range: 45-120°F (5-50°C)
<b>packaging</b>	50lb box; 2 x 25 lb bags  available in 3g, 7g, 10g and 25g tablets  (shelf life of 24 months in an original unopened container).	

## CONTACT US

Bacteria Direct is a web-based industrial strength bacteria supplier with warehousing in Colorado and Georgia.

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