

CHEMTECH AQUA TABLET

A specially blended bacterial tablet
for maintenance of water quality and sludge reduction in lakes and ponds

What is the Chemtech Aqua Tablet?

It's a non-descript tablet to remove organic matter from a variety of water systems containing fish and animal wastes or decaying plant material.

What is it used for?

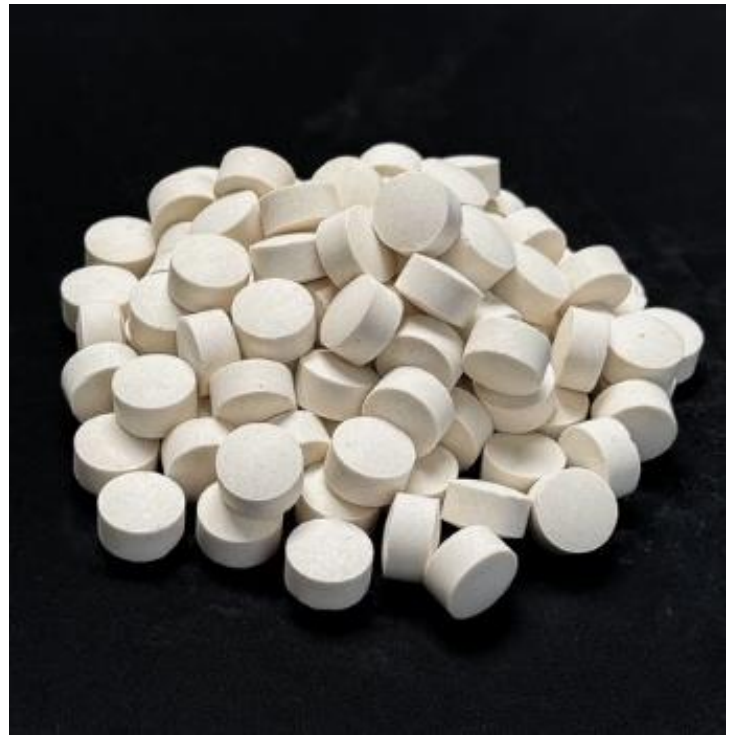
Degrades sludge, prevents future build up, and maintains water quality safe for sustaining aquatic life.

What are its "eco" credentials?

Contains non-pathogenic Class 1 microorganisms that are both environmentally responsible and safe for the end user.

How does it work?

A combination of chemistry and microbiology work together to degrade organic matter and out-compete problem microbes.



Chemtech Aqua Tablet AT A GLANCE

Chemtech Aqua Tablet is 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.

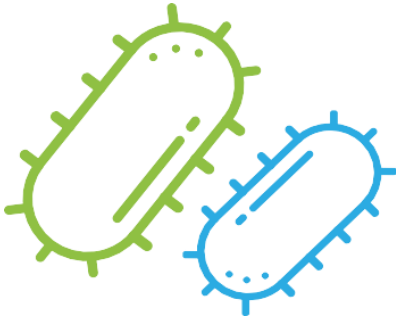
Chemtech Aqua Tablets work quickly from under the surface of the water to degrade sludge, prevent future build up, and maintain water quality safe for sustaining aquatic life.

APPLICATIONS of **Chemtech Aqua Tablet**

- **Ornamental and recreational ponds and lakes**
- **Commercial fisheries and prawn farms**
- **Closed water systems**
- **Fresh, brackish and saline applications**

FEATURES of **Chemtech Aqua Tablet**

- 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 and phosphate concentrations.
- Regular dosing will enhance water quality, leading to reductions in ammonia, nitrite and phosphate concentrations.
- Bacteria selected to work in conditions of high salinity and low oxygen.
- 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.



WHAT ARE BACILLUS?

Bacillus are a genus of Gram-positive microorganisms found across the globe in a range of environments. They are metabolically diverse and with a few notable exceptions are non-pathogenic and safe to use.

They are able to survive when conditions move outside of those needed for survival through the production of spores.

Spore formation allows this type of bacteria to be grown in very high concentrations and blended into a stable product with a long shelf-life. This makes it ideal for industrial applications where often a large amount of bacterial cells are needed to amend a system.

At Chemtech, we make sure the bacteria in the tablets is fermented to the highest standards (ISO 9001), so that they are correct in both species and concentration, and are free from contaminants. Our products have minimal impact on the environment and the end user, while maximizing efficacy and delivering long-lasting results.

PRODUCT SPECIFICATIONS of Chemtech Aqua Tablet

Bacterial count

5E+9 CFU/g

Effective pH range

4.0 - 11.0

Targeted compounds

Organic debris, sludge build-up, cellulose

Effective temperature range

45-120°f (5-50°c)

Bacterial type

Bacillus spores

Packaging

50lb box: 2 x 25 lb bags

Available in 3g, 10g, and 100g tablets

Formula properties

Off-white tablet with characteristic odor

Available in Canadian approved (CB)

formulation

Shelf life

24 months in original, unopened container

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