

# HYDRA ST703



Biological Blanket Weed Treatment



# HYDRA®

## Features & Advantages

- ◆ Hydra ST703 is effective upon more resilient forms of filamentous green algae.
- ◆ Tough on algae but poses no danger to fish, birds, invertebrates, reptiles, animals, mammals, humans and water plants.
- ◆ Works by feeding on the nutrients (phosphates and nitrates) that are important for the algae to grow.
- ◆ Special product formula ensures residual effect which allows the continued action of Hydra ST703 long after the initial treatment.
- ◆ No effect on biological filters.
- ◆ Available in easy to use powder form, that may be simply broadcast upon the affected surface.
- ◆ Kills off even the toughest of green filamentous algae by absorbing the nutrients required for algae growth, but still safe for fish and plants.



## Description



However some strains of algae are particularly difficult to get rid of.

These stubborn forms of algae do not respond to common treatment products or procedures.

They retain their shape and colour even after the product application.



Some of the most difficult algae strains to treat are: Cladophoraglomerata, Enteromorpha Spirogyra, genus Charamacrophytic algae, Rhizoclonium and some varieties of blanket weed.

### The Solution

Hydra ST703 is an outcome of the dedicated research efforts at ISO certified Hydra International Ltd.

The product composition of Hydra ST703 includes a unique minerals and enzymes blend that rapidly starves off even the toughest algae.

### The Problem

Algae infestations are common in the water with excessive nutrients including nitrates and phosphates.

Other conditions that support algae to thrive are abundant sunlight and warm weather.

You should be able to clear filamentous algae of most types with popular algae treatment product available on the shelf.



## How To Use

Hydra ST703 comes with an added advantage which is its residual effect in the water.

This means that the product actively keeps off algae long after the initial application.

Unlike most other products Hydra ST703 is effective even during cooler months of the year.

Will work at temperatures down to 6-8°C, although the action is slower at these temperatures.

Hydra ST703 quickly eradicates the most stubborn algae strains by starving them.

The results should be visible within 5 to 7 days.

Repeat the treatment after 1 week at the same usage rate if some algae growth still remains in water.



### Usage Rate

- ◆ 1 gm of Hydra ST703 treats 20 litres (4.4 gallons) of water.
- ◆ 1 kg of Hydra ST703 treats 20,000 litres (4,400 gallons) of water.
- ◆ 5 kg of Hydra ST703 treats 100,000 litres (22,000 gallons) of water.
- ◆ 20 kg of Hydra ST703 treats 400,000 litres (88,000 gallons) of water.



### Full instructions on the label

- ◆ Make a mixture of Hydra ST703 using pond water in water can. Pour the mixture evenly across the pond surface. The water may turn milky upon contact with the product. This is normal and the water clears up in few days.
- ◆ You may also sprinkle the powder directly upon the algae to treat the highly infested area.
- ◆ Repeat the treatment after 1 week at the same usage rate if some algae growth still remains in water.
- ◆ Will work at temperatures down to 6-8°C, although the action is slower at these temperatures. For the product to be most effective it is necessary that the water temperature is more than 10°C.



## Laboratory Facilities

Hydra International Ltd.'s Research & Development Laboratories are a hub of activity where new products are developed and formulated. We have working relationships with our raw material suppliers, many of these suppliers are major world-wide chemical manufacturers with their own development laboratories.

As a company we are well known in the chemical industry for being receptive to cutting edge new chemicals which can be incorporated into our products to achieve performance advantages. An important part of the International Standards that we hold is that of constant improvement. We show that we have achieved this at every independent audit.



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