

HYDRA Lake Shade



Gives Deep Natural Finish To Water Bodies



HYDRA®

Features & Advantages

- ◆ Blocks UV light, preventing photosynthesis of algae and weeds.
- ◆ Highly concentrated powder. Instantly goes into solution, no un-dissolved residues.
- ◆ Gives a natural dark or shadow finish to lakes - Lasts for months.
- ◆ Blocks the sun's rays (UV light) to effectively starve the growth of existing algae and weeds also prevents formation of new growth.
- ◆ Creates a stunning background for water plants.
- ◆ Enhances the reflective properties of lakes and water features.
- ◆ Completely free of pesticides and herbicides and other harmful chemicals.
- ◆ Hides aquatic life from predators.
- ◆ Food based dye, harmless to lilies and plants.
- ◆ Safe with fish, any visiting wildlife or domestic animals.
- ◆ Used by, Angling Clubs, Fish Breeders, Leisure Lakes, Golf Clubs and Local Authorities.

The Problem



Lake weeds, like all plants, algae and many bacteria, use the energy from sunlight to convert carbon dioxide into organic compounds, most typically, sugars.

Without sunlight, photosynthesis could not occur and life as we know it could not flourish.

Because they can synthesize food directly from carbon dioxide using light energy, lake weeds are classified as photoautotrophs.



Most appear green in colour due to the light-collecting pigment known as chlorophyll-a.

Hydra Lake Shade is very effective in prohibiting all types of lake weeds and algae.

By using a non-toxic colorant in the water, you can partially filter sunlight, thereby thwarting the photosynthetic process for many aquatic weeds and algae.



Therefore Hydra Lake Shade effectively prevents an excess of aquatic plant and algae growth.

Hydra Lake Shade will also hide unsightly growth, rubbish, and debris frequently accumulates in bodies of water.

It is a very effective in camouflaging the bottom of the lake or other water feature.

The Solution

Hydra Lake Shade adds a natural colour effect to water bodies, the water appears to be much deeper than it actually is.

Hydra Lake Shade are not only aesthetically pleasing but also cuts out the UV light entering the body of water decreasing UV light levels which are necessary for algae and plant growth.

Hydra Lake Shade a highly concentrated powder (up to 3 times stronger than liquids) makes it easy to apply and instantly goes into solution, with no un-dissolved residues. Start treating end of February.



This colour enhance the reflective properties of lakes and water features. Making them look vibrant whilst creating a stunning background for water plants.

Hydra Lake Shade is completely free of pesticides and herbicides and other harmful chemicals.

It is safe with fish, any visiting wildlife or domestic animals and even hides aquatic life from predators.

How To Use

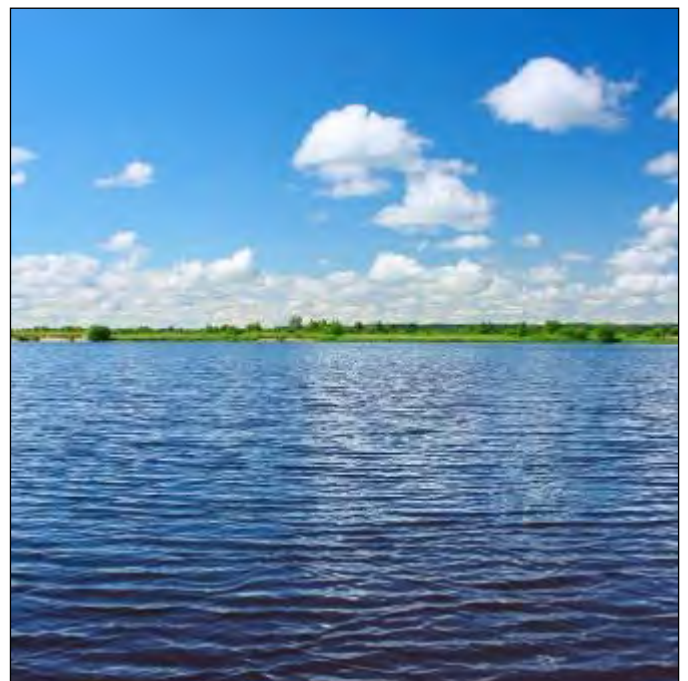
This food based dye is harmless to filters and plants and is used by Golf Clubs, Fishing Clubs, Fish Breeders and Local Authorities as well as for domestic use.

Dilution Rates:

- ◆ 1 kilo treats up to 4 million litres of water (approx. 1 acre at a depth of 1 metre).
- ◆ Packed in water soluble sachets 20 kilos carton.
- ◆ Retreat approximately every 3 months.

Simply throw into the water where Hydra Lake Shade dissolves on its own without hard to dissolve clumps left behind.

Retreat the water body after 3 months to maintain the colour. Dilution rate may vary depending upon the intensity of the colour required and original colour of the water body.



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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