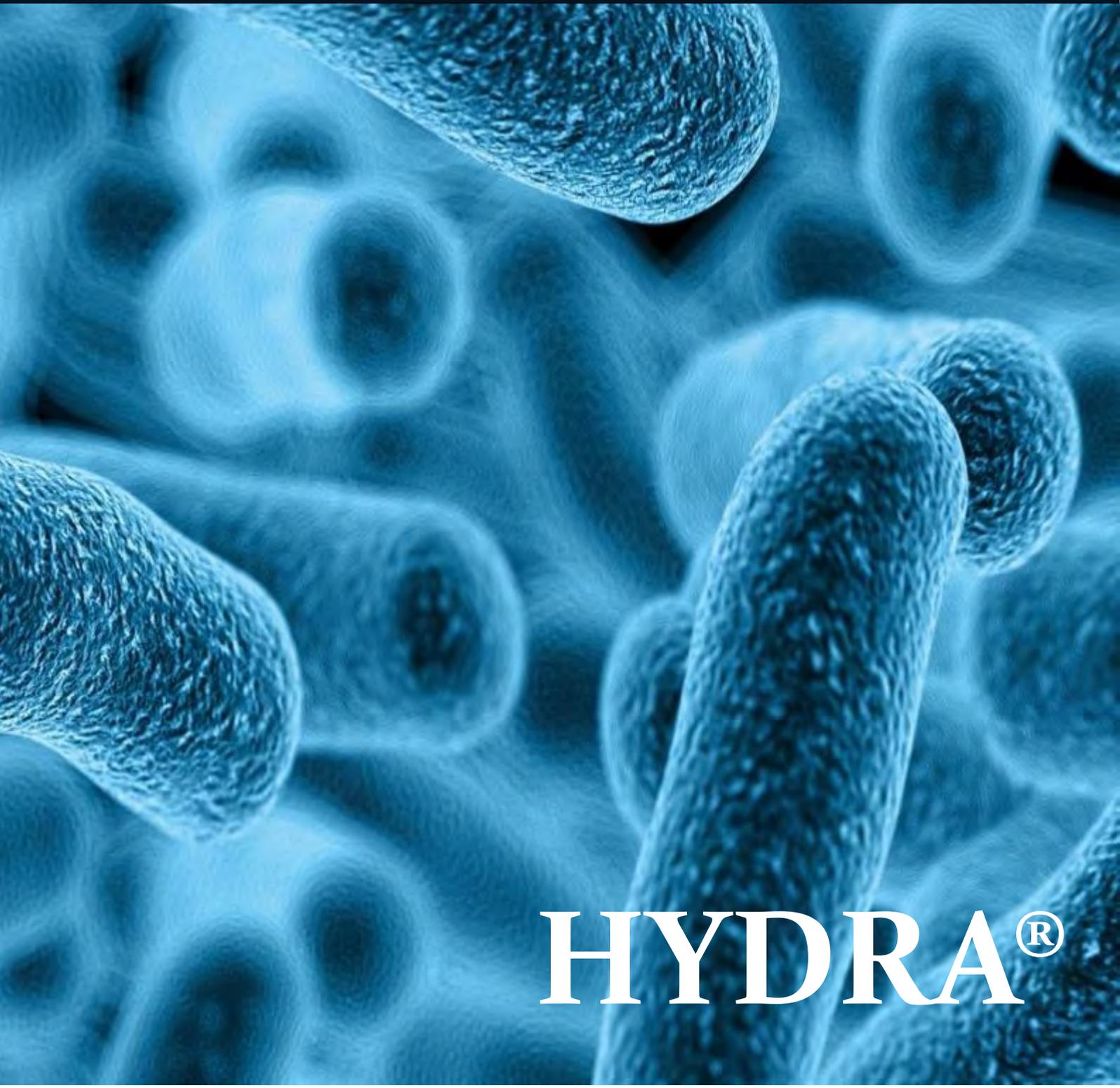


HYDRA LT Extreme



Winter Bacteria Keeps Water Clear



HYDRA®

Features & Advantages

- ◆ Special blend of microbes that remains active in low water temperature during winter, autumn and early spring months.
- ◆ Effectively reduce ammonia and nitrites along with the excessive nutrients, which cause reduced water clarity or cloudy water.
- ◆ Blend of fast acting live bacteria that increase the growth of naturally occurring nitrifying bacteria in ponds and lakes.
- ◆ Constituent bacteria are able to survive low temperatures and boost the growth of the ponds and lakes beneficial bacteria.
- ◆ Aids in maintaining balanced ecosystem in the pond.
- ◆ Checks the growth of blanket weed and algae.
- ◆ Reduces ammonia toxicity lethal for fish.
- ◆ Accelerates the decomposition process of organic matter to avoid cloudy water and bad odour due to slow break down of organic deposits.
- ◆ Simple and easy to use, add directly in the pond or filters.
- ◆ Completely harmless for aquatic life including all types of fish and plants.
- ◆ Suitable to use in fresh water as well as salt water.

Description



The Problem

Most strains of bacteria in pond and lake water are unable to survive at the low temperatures of 50°F to 55°F.

Autumn and winter bring with them extreme nutrient load in the form of shed leaves and submerged organic waste while beneficial bacteria are the least active.

This results in green or cloudy water in the ponds throughout the winters. Extra nutrients in the pond invite algae or blanket weed as soon as the weather begins to get warmer.



The Solution

Hydra LT Extreme Bacteria blend includes psychrophilic bacteria and other favourable bacteria strains that are tested to act even under cold weather conditions.



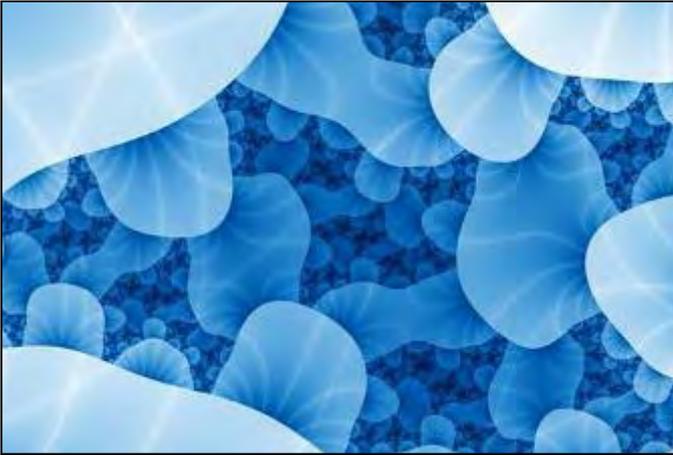
Application

Hydra LT Extreme Bacteria is ideal for use after treatment with Hydra Crystal or Hydra Quartz during winter season.

The product is suitable for use in large ponds with koi and gold fish, ornamental fish ponds, fishing lakes, ponds with disturbed ecological balance.

Also effective in water bodies under aquaculture operations such as live stock holding tanks and commercial fish farms.

How To Use



- ◆ Switch off UV lights for 24 hours when first adding LT Extreme Bacteria to system.
- ◆ If UV is part of filter system then remove fuse for UV tube.

USAGE RATES—PONDS

TREATMENT RATE MONTHLY

- <1,000 litres (220 gallons) - 100gm
- <2,000 litres (440 gallon) - 200g
- <5,000 litres (1,100 gallon) - 300g
- <20,000 litres (4,400 gallon) - 400g
- <50,000 litres (11,000 gallon) - 500g

REPEAT MONTHLY from September - February.
Can be used in summer months however for best results use Hydra Bio Aquatic Bacteria Boost.

USAGE RATES—LAKES

TREATMENT RATE MONTHLY

Apply at 2 kilo per hectare each month or bi-monthly depending on the water quality and algae bloom. Higher dosages produce faster results.

REPEAT MONTHLY from September - February.
Can be used in summer months however for best results use Hydra Bio Aquatic Bacteria Boost.



APPLICATION METHODS

PONDS

Either add directly to biological filter or mix with 1:20 with water from pond in plastic bucket.

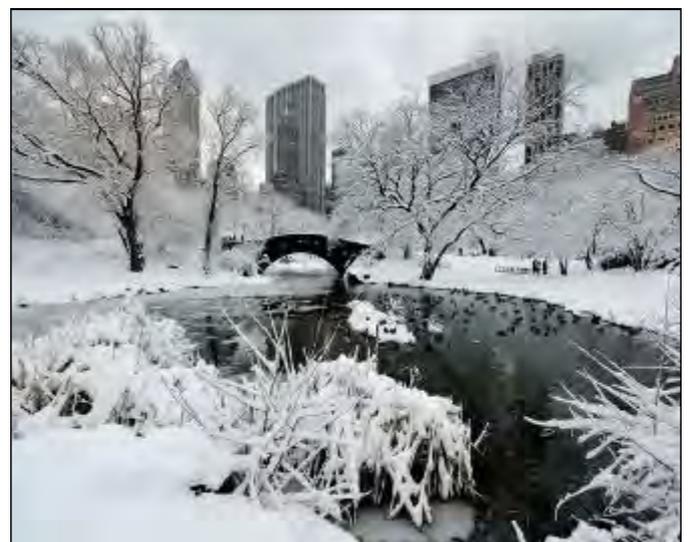
Leave to activate for 20 minutes then pour the solution around the surface of the water.

Diluted form is to be used within 30 minutes of mixing.

If possible circulate treated water by pump for even distribution.

LAKES

Spread the Hydra LT Extreme Bacteria evenly around the surface of the lake to be treated.



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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