

HYDRA Aqua Brite



Keeps Dyed Water Crystal Clear



HYDRA®

Features & Advantages

- ◆ Hydra Aqua-Brite Steriliser for colour water keeps water clean and sterile protects against harmful micro-organisms.
- ◆ Prevents bio-film build up in all water features including fountains and other water circulation systems.
- ◆ Tested to reduce 99.9% growth of following microbes within the maximum contact time of 3 hours. Proven results on the species: *Micrococcus luteus*, *Pseudomonas aeruginosa*, *Streptococcus agalactiae*, *Staphylococcus*, *Escherichia coli* and *Legionnaires Disease causing Legionella pneumophila*.
- ◆ Quick action product that works well even in low concentrations.
- ◆ Non foaming, non-ionic formula in an easily dispensable liquid form.
- ◆ Formulated to perform over wide temperature variations.
- ◆ Not harmful to pets or animals that drink from the fountain when in dilution.
- ◆ Special formula for dyed waters.

Description



Hydra Aqua-Brite is an ideal product to keep water in fountains sterile and clean, for the easy maintenance of your garden fountains and water recirculation treatment.



Many fountains and decorative features create aerosols which can be inhaled and cause splashing, creating a slippery surface around the display area which could result in a slip injury as well as the risk of contracting an infectious disease.

Aerosol mists spread pathogens to the surrounding environment and the WHO (2001) states that it is unclear precisely the infective dose of legionella.

But, they are aware that susceptible humans exposed to a low dose for only a few minutes have become ill.



ENVIRONMENTAL FRIENDLY Discharge of the low concentrations commonly used in fountains poses no environment threat.

Because of its rapid hydrolysis, Hydra Aqua-Brite is not recommended for use in systems above pH 9.0.

Description

EFFICIENCY:

Hydra Aqua-Brite has been tested for efficacy against a wide variety of micro-organisms, including the common ones found in fountain water.

Hydra Aqua-Brite has been shown to produce at least a 99.9% reduction in microbial populations of the species listed below after a maximum contact time of 3 hours.

Legionella pneumophila (Legionnaires Disease),
Pseudomonas aeruginosa, *Staphylococcus*,
Micrococcus luteus, *Streptococcus agalactiae*,
Escherichia coli.



The biocidal treatment product effectively removes slime deposits and thus minimizes corrosion on the water feature surfaces.

The non-ionic and non foaming action of Hydra Aqua Brite remains active even in hard waters.

The product is odourless and comes in simple application liquid form. Hydra Aqua-Brite decomposes fast to convert into eco friendly bi products.

Low concentration treatment doses ensure no harmful effects on the environment.

Rapid Hydrolysis of the product makes it unsuitable for use in water over 9.0 ph.

How To Use

Initial Shock Dose

Dilution rate - 1 litre: 10,000 litres of water.
(1 ml to every 10 litres of water).

Maintenance Dose

Treat weekly-monthly depending on local conditions.
Dilution rate - 1 litre: 30,000 litres of water (1ml to every 30 litres of water).

Full Usage Instructions on label.



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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