Formulated in Australia

HydroForce

Aqua Blue

Aquatic Dye



Product Overview

HydroForce Aqua Blue Aquatic Dye is an aquatic colourant used for maintaining the natural beauty of contained bodies of water.

HydroForce Aqua Blue Aquatic Dye will turn off-coloured water to an attractive, natural blue. Use HydroForce Aqua Blue Aquatic Dye to colour contained bodies of water, including water hazards, ponds, small lakes and fountains – anywhere you need your ornamental water to be the centre of attention.

HydroForce Aqua Blue Aquatic Dye prevents sunlight and UV penetration into water bodies, essentially decreasing water temperatures and enhancing oxygenation, whilst curtailing weed and algae development.

Key Features

- Non-toxic, biodegradable formulation.
- Improves water appearance and aesthetic appeal.
- Hinders weed and algae growth by blocking sunlight penetration into water bodies.
- The product can in many situations decrease water temperature. This can be beneficial for increasing oxygen saturation, which may enhance aquatic life.
- Contains dispersants in the formulation to assist in maximising dye coverage and performance.
- Improved residual performance over some other forms of dye.
- Easy to apply and use, as long as PPE is worn.
- Available in multiple pack sizes to suit the job at hand – 5L & 20L.

Mode of Action

HydroForce Aqua Blue Aquatic Dye is based upon a Sulphonated Aromatic blue dye (90g/L). These dyes are non-toxic, biodegradable, blue liquid compounds which are highly water soluble. Once applied to the water body, dispersants in the Aqua Blue formulation assist the dye to move and maximise coverage.

The blue dye filters sunlight, reflecting UV (red-orange and blue-violet rays) penetration into the water column. Aqua Blue can in many situations decrease water temperature. This can be beneficial for increased oxygen saturation within the water body, which may lead to enhanced water quality and be highly beneficial to aquatic life, including fish and beneficial bacterias.

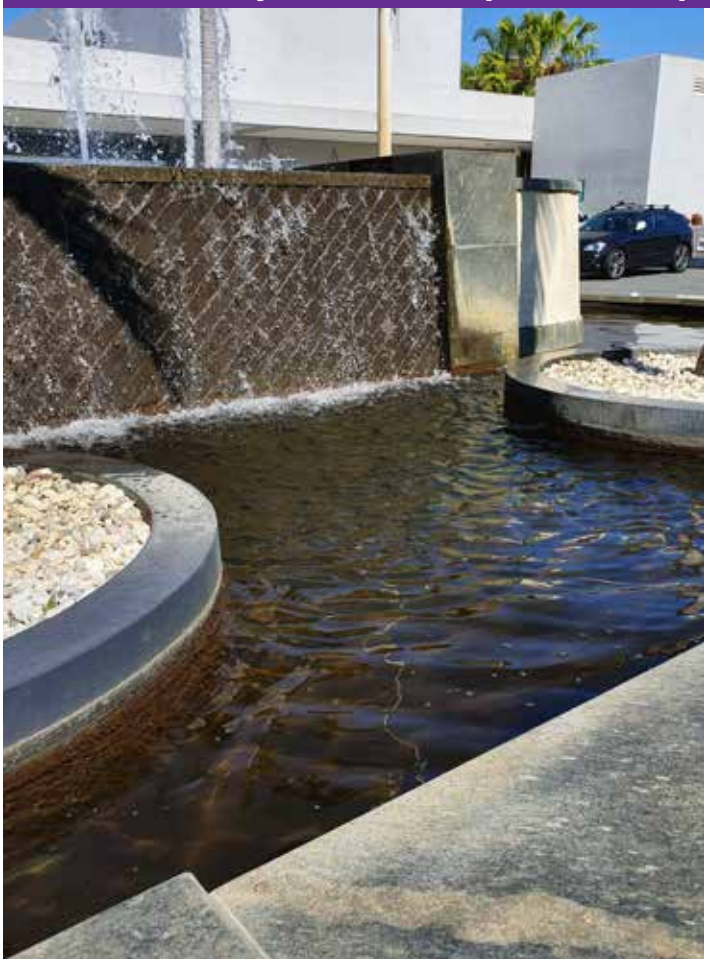
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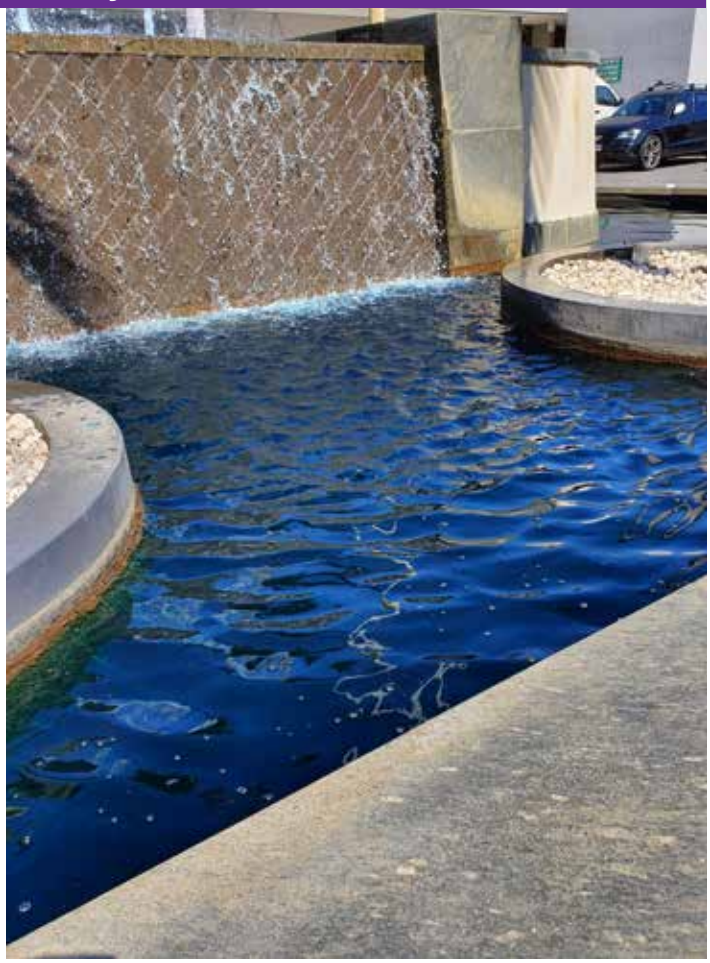
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HydroForce Aqua Blue Aquatic Dye Field Performance



Before treatment



3 hours post treatment with HydroForce Aqua Blue

HydroForce Aqua Blue – Application Details

SITUATION	APPLICATION RATE	COMMENTS
Colourant for Lakes and Ponds	**Dilution Rate:** 1 Litre per 1 Mega litre of water body. **Surface Area Rate:** 10L per hectare of water body surface area with an average depth of 1 metre.	Provides a deep blue appearance for lakes and ponds. Pour colourant from several locations near the shoreline for optimal colour coverage. Apply on a monthly basis or as required to maintain aesthetic appearance.

Key Calculation Note

How to calculate total litres to be treated:

- Length (m) x Width (m) x Depth (m) x 1000 = Total Litres.

How to Calculate HydroForce Aqua Blue Aquatic Dye rate of use:

- 1 Megalitre = 1,000,000L of water. Divide total Litres calculated by 1,000,000 to determine quantity of product (in Litres) to apply to the water body.

For additional support, contact your preferred sales representative or Indigo Specialty Products.

Maximising Performance

> Shake well prior to use.

> To achieve thorough mixing and improved coverage premix HydroForce Aqua Blue Aquatic Dye with water in a ratio 1:10 before application.

> If applying to a large dam or lake, pour colourant from several locations near the shoreline to obtain best coverage and optimal colour response.

> Allow agitators and aerators to operate whilst applying the product to enhance water movement and dye coverage throughout the water body.

> Apply on a monthly basis or as required to maintain aesthetic appearance.

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