



Deep Blue Water Dye

DYE-146

Wildfire Deep Blue Water Dye is a specially formulated version of the dye Acid Blue 9. This dye is used for visual detection and fluoresces under ultraviolet light. It is sometimes used in fountains and other closed water systems for a decorative effect. Visually, the dye appears as aqua to royal blue depending on its concentration and activity of water.

Based on biochemical oxygen demand (BOD) studies, the dye is biodegradable with 77% of the available oxygen consumed in 7 days. Wildfire Deep Blue Water Dye has been certified by NSF International to the ANSI/NSF Standard 60 for use in water at specific levels. As always the suitability of these products for any specific application should be evaluated by a qualified hydrologist or other industry professional.

General Properties	
Detectability of active ingredient ¹	Visual <100 ppb
Maximum absorbance wavelength ²	630 nm
Appearance	Clear, dark blue aqueous solution
NSF, max use levels in potable water	1200 ppb
Specific Gravity	1.04 ± 0.03 @ 25 °C
Viscosity ³	1.8 cps
pH	5.2 ± 1.0 @ 25 °C

Coverage of Products	One Pint Liquid
Light Visual	125,000 gallons
Strong Visual	12,500 gallons

Caution: These products may cause irritation and/or staining if allowed to come in contact with the skin. The use of gloves and goggles is recommended when handling this product, as with any other dye or chemical.

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Specifications subject to change without notice or obligation