

WATER SYSTEM COLORANTS

Ornamental Lakes, Ponds, Water Features, and Fountains,

TAB 08/05

General

Ornamental waters often suffer from discoloration due to algae growth, dust, corrosion products, and chemical precipitations. Recognizing a need to maintain such waters in a pleasing, esthetic condition, ProChemTech has developed two non-hazardous, **stable** liquid colorants, PCT 3800 and 3801, that provide a "water blue" tint to treated waters. Unlike chemical biocides, these products are not toxic materials. Algae growth is controlled via the product simply absorbing the wavelengths of light needed for growth. In the absence of sufficient light of the proper wavelength, algae simply does not grow. Discolorations due to dust, corrosion products, and chemical precipitations are mask by the blue coloration imparted by the product to the water.



Treated Ornamental Pond at the ProChemTech
Brockway, PA, Headquarters

Application

Product dosage is based upon the volume of water in the feature. A good initial dosage is 2 mg/l as product actives, with additional product added to compensate for loss to maintain a product level between 1 and 2 mg/l. Product can be manually slug fed based upon observed color of the treated water, a distinct "water blue", or use of a BlueTrace photometer for more precise analysis. When using a BlueTrace unit for control, the absorption should be maintained between 0.15 and 0.30 units.

PCT 3800

This product is designed for large volume applications and contains 12% actives. The recommended starting dose for this product is 1 to 4 oz per 5000 gallons of water to be treated.

Specifications:	Appearance: deep blue liquid	Density: 8.75 lb/gal
	Odor: none	Boiling point: 100 C
	Neat pH: 2.8/2.9	Water solubility: 100%
	DOT Rating: not regulated	HCS Class: non-hazardous

PCT 3801

This product is designed for smaller features and contains 2.4% actives. The recommended starting dose for this product is 1 to 4 oz per 1000 gallons of water to be treated.

Specifications:	Appearance: deep blue liquid	Density: 8.35 lb/gal
	Odor: none	Boiling point: 100 C
	Neat pH: 3.0/4.0	Water solubility: 100%
	DOT Rating: not regulated	HCS Class: non-hazardous

Product Availability

PCT 3800 and 3801 are supplied in returnable 1, 5, 15, 30, and 55 gallon containers from our manufacturing plants in Apache Junction, AZ, and Brockway, PA.

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