

PR-10,000 PHOSPHATE REMOVER

Patent Pending

DESCRIPTION

PR-10,000 Phosphate Remover is a highly concentrated water solution of specific rare earth and other compatible compounds formulated to react with water-born ortho-phosphates to form precipitated (insoluble), stable phosphates, removing them as a nutrient source for algae formation and growth, and as an interference with chlorine sanitizing and disinfection.

Applied as directed, PR-10,000 and its precipitated phosphate reaction products are non-harmful to piscine, reptilian and mammalian life forms, materials of construction, are compatible with other water treatment chemicals applied in accordance with manufacturer's recommendations, and will not either effect water chemistry parameters or create residues detrimental to water quality.

PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity @ 60°F (15.5°C)	1.55 Typical
Density, lbs./gallon (kg/L)	13.0 (1.56) Typical
Flash Point, °F (°C)	Nonflammable
Freezing Point, °F (°C)	20 (-6.7) Typical
Boiling Point, °F (°C)	230 (110) Typical
Viscosity, cPs	20 Typical
Physical Form	Light blue-grey clear liquid
Odor	None
pH (as received)	3.5 - 4.0 Typical
Solubility	Complete in water

APPLICATION

PR-10,000 when applied at the rate of one (1) quart per 10,000 gallons (.946 L per 37,850 L) of water will remove up to 10,000 ppb (10,000µ/l) ortho-phosphate (as PO₄). Greater or lesser amounts of ortho-phosphate removal may be accommodated by proportionately varying the treating rate. PR-10,000 is applied either proportionately into the water to be treated, as a spray over the surface of standing bodies of water, or poured into the water around the circumference of the pool, in accordance with dosage recommendations.

HANDLING & STORAGE

PR-10,000 is inherently stable with an indefinite shelf life under normal conditions of storage at temperatures less than 110°F (43.3°C). Prevent freezing to avoid container damage and loss of product. Though PR-10,000 is nontoxic and non-hazardous, gloves and appropriate eye protection should be worn when handling and using the product. Review the product MSDS before using. **KEEP AWAY FROM CHILDREN.**

AVAILABILITY

PR-10000 is available in 12 x 1-U.S. Pint (.473 L/bottle) 12 x 1-U.S. Quart (.946 L/bottle) and 4 x 1-U.S. Gallon (3.79 L/bottle) cartons, 5-U.S. Gallon (18.9 L), 15-U.S. Gallon (56.8 L) and 55-U.S. Gallon (208 L) disposable polyethylene drums, and 275-U.S. Gallon (1,040 L) IBC containers.



corporate office
2600 East Hemberg Drive
Flagstaff, Arizona 86004 USA

sales office
1607 Wheatberry Ct.
Allen, Texas 75002 USA

214 869 8150 sales
928 522 0194 support
928 522 0256 fax

orendatech.com
info@orendatech.com

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corporate office
2600 East Hemberg Drive
Flagstaff, Arizona 86004 USA

sales office
1607 Wheatberry Ct.
Allen, Texas 75002 USA

214 869 8150 sales
928 522 0194 support
928 522 0256 fax

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info@orendatech.com