Seachem PhosGuard 500ml



Availability: 1

Price: R403.00

Short Description
Removes silicate and phosphate Spherical for optimal hydrodynamics Irreversible binding. 500ml

Description

Seachem PhosGuard rapidly removes phosphate and silicate from marine and freshwater aquaria. It is not recommended for phosphate buffered freshwater. Seachem PhosGuard is highly porous for high capacity and bead-shaped for optimum water flow.

Aluminum Oxide, Soluble Aluminum, and Coral Toxicity

In recent years, there has been speculation that aluminum oxide based phosphate removers like Seachem PhosGuard release aluminum into the water and subsequently damage corals. The evidence to support this claim was largely anecdotal.

So, through a series of controlled experiments in both freshwater and saltwater, we intended to address both the question of aluminum solubility and aluminum toxicity. The results of these experiments show that under reef conditions (pH near 8) there is no detectable soluble aluminum released from alumina. Under conditions of low pH and

high dosage levels, soluble aluminum can be released from alumina; at three times the label dosage rate, we detected 0.2 mg/L aluminum at a pH of 5.3.

Additionally, aluminum oxide is not easily absorbed into the cell to cause negative reactions. Even at three times the dose of PhosGuard, soft-bodied corals such as Sarcophyton remain unaffected.

Comparing Seachem Phosphate Removers : PO4bound

PhosGuard (Alumina Oxide) - 0.87 mg/g

PhosBond (GFO and Alumina Oxide hybrid) - 1.19 mg/g

PhosNet (GFO) - 1.41 mg/

Size - 500ml

Product Gallery