

AquaTTM Phos-Doff

AquaTTMPhos-Doff is an iron based coagulant that provides particulate co-precipitation, water clarity and reduction of solid generation. Efficient removal of phosphates and improved settling of organics over wide pH range.

Features/Benefits

- Cost Reduction through reduced solid generation and caustic consumption.
- Used to co-precipitate in a multi-metal bearing waste stream.
- Reduces water turbidity, and improves Liquid-Solid separation.
- Concentrate: Lower dose rate needed than conventional coagulants
- Effective over a wide pH range.
- Balanced organic and inorganic coagulants to generate clarity and weight without excess solid salts.

Operating Conditions

Concentration:	100%
Effective pH range	4 - 11
Addition Rate:	20 ppm to 50 ppm by volume.
Applications:	Batch Tanks and Continuous Flow Systems.

AquaTTM Phos-Doff is an iron based precipitant that reduces the zeta potential of the colloidal system to a value sufficiently low that the colloidal particles will collide, and then coalesce. Experimental data is always required to determine the optimum doses of coagulants, which is added in proportion to incoming flow. Additions should be determined by jar testing and confirmed by field evaluation. Testing can be started at 20 - 50 ppm range. Example Calculation: 200,000 gallons per day x 35 (Average AquaTTM Phos-Doff dosage)/1,000,000 = 7 gallons per day AquaTTM Klear-Aid.

The data and statements contained in this bulletin are based on testing information and are believed to be accurate and reliable. This bulletin is not a Guarantee or Warranty, express or implied regarding the products use. The product is sold on the condition that the purchaser will do their own tests to determine the suitability of the product in a particular application.

READ THE SDS BEFORE USING THIS PRODUCT