AQUABOND
Chemistry for Tomorrow

Aqua PAC Enhancer™

Aqua PAC Enhancer™ was specifically designed for multiple-heavy metal removal from waste water streams. It is a heavy metal remover leveraged by metal co-precipitation and complementary coagulation mechanism. Aqua PAC Enhancer™ has coagulants, flocculants, pH adjuster, and co-precipator to efficiently remove greater than 90% of Ni, Cr, and Cd heavy metal cation from wastewater under optimal conditions. The PAC adjunct coagulates in coordination with supplemental precipitation and pH buffering from the enhancer additive. The ratio of the combine chemistries enables high efficiency removal greater than 90% for Ni2+, Cr3+, and Cd2+, but optimization depends on the specific metal concentrations and wastewater conditions. The culmination of the two selected precipator lowers the risk of forming by-products during the treatment process, making it a preferred choice for environmentally conscious water treatment facilities. It can be used for flow through and batch treatment operations.

Features/Benefits

- Improves floc formation
- Enhances floc density and settling
- Reduces water turbidity.
- Broader pH range.
- Freely soluble in water.
- Reduces Sludge volume.
- Minimizes pH adjustment.
- Flocs are easier to dewater

Properties

Appearance: Clear Amber Liquid (straw colour)
Aluminum (Al): 5.4 ± 0.16%
PAC (Al_2O_3): 10.2 ± 0.3%
Specific Gravity (20^{o} C): (kg/L) 1.15±0.01
pH (25^{o}C): 2 - 6

Dosing

Aqua PAC Enhancer™ doses range from 50 – 150 ml per m^3 of wastewater Refer to the SDS for handling and safety.

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