AquaPure™ P 601

Aquapure P 601 is a wastewater treatment chemical designed for use as a heavy metal precipitant for waste treatment systems. It is effective for a variety of metals and works over a wide pH range. The results with Aquapure P 601 are instantaneous. Aquapure P 601 may be added as a single dose, but it is most effective when metered into a waste stream. Typical dose is ½ to 2 mL per gallon Aquapure P 601 is best controlled by ORP (oxidation/reduction).

Features & Benefits

Ready to use liquid	Easy to meter into continuous flow or batch systems
Can monitor with ORP	Precipitates most divalent metals
Works instantaneously	When used with coagulant works quickly to ppt. out

Operating Conditions

To be used most efficiently, the total concentration of metals to be removed should be determined before hooking up to the tank. This can be done by a variety of methods, but the best method is jar testing. Once the metal concentration is known, dosage should be:

(ppm) (Liters of waste stream) (0.01125) = mL of Aquapure P 601

For optimum results, two variables should be considered – the metal concentration and the solution agitation. Within reason, the higher the metal content, the better the separation (i.e. a solution of 1000 ppm will settle better than one of 10 ppm). Also, the longer and the better the solution agitation, the more complete the floc separation and clarification. For most effective results a dosage of 110% is needed.

<u>Dosing</u>
To be used most efficiently, the concentration of metals to be removed should be determined. This can be done by a variety of methods. Consult with your Aquapure Specialist for bench testing to determine the dosage best suited for your application and metal concentration. The typical dosing should fall within ½ to 2 mL per gallon of wastewater. The best pH to use at is pH 7.0 to 9.0. The introduction of Aquapure P 601 will turn the color of the wastewater brown. Works well with an aluminum or iron coagulant.

Caution

DO NOT FREEZE

WARRANTY: THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**[136].