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Product Bulletin

Product Name: Aquapure AS-1
Product Code: 2601041
Revision Date: June 27, 2024

AquaPure™ AS-1

Aquapure™ AS-1 is a dry anionic flocculent designed for use in settling suspended precipitates. Aquapure™ AS-1 will cluster the precipitate into a manageable mass. Aquapure™ AS-1 may be used in conjunction with conventional hydroxide precipitation systems or with organic precipitants such as Aquapure™ P 601.

A stock solution of Aquapure™ AS-1 can be made up and fed continuously into the waste treatment systems or add as a batch treatment dosage.

Operating Conditions

Every system is different due to the nature of the type(s) of waste being treated. A stock solution should be made up daily. This can be made up at 1 gram of Aquapure™ AS-1/1 liter of tap water (1 pound/120 gallons), then trickled into the waste treatment system at 1.0% by volume Aquapure™ AS-1 solution. In all application it is crucial that vigorous mechanical stirring accompany the introduction of the Aquapure™ AS-1.

Important

Oxidizers in the waste stream, such as chlorine, peroxide, permanganate, persulfate, etc., will decrease the effective strength of precipitating reagents. Oxidizers should be eliminated from the waste water via sodium sulfite, bisulfite, or other reducing agents. Remove cyanide and reduce cr+6, if present, from the waste stream before precipitation.

pH Control

Precipitating reagents are most effective in the range of pH 7 to 9. Since this is the general range for acceptable discharge to sewer, adjust the pH prior to adding precipitating reagent.

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.

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