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Product Bulletin
Product Name: Aquapure FW
Product Code: 2601032
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AquaPure™ FW

Aquapure FW is a high molecular weight anionic emulsion polymer for wastewater treatment sometimes referred to as a flocculant. Aquapure FW can be metered into most systems at a 0.1% dilution and works well at 10 ppm to 40 ppm. Aquapure FW can be used in batch or continuous together systems and is ideal for massing precipitated metal hydroxides.

Features & Benefits

Liquid emulsion for easy “make down”	Easy to meter into a poly blend type unit or from a day tank
Versatile High Charge Anionic Polymer	Masses and settles solids quickly

Physical Data

Appearance	Milky white liquid
Specific gravity	1.03
Flash point	> 200°F (PMCC)

Operating Conditions

The normal operating range of polymer used may run from 10 to 40 ppm, depending on the number of solids and the charge of the particles

Diluted concentration of 0.1% to 0.5% is the recommended make down.

A production run of 1,000 ppm would be 1-gallon Aquapure FW to 1,000 gallons of water or 1 pound of Aquapure FW to 120 gallons of water. After the polymer “day tank” is made and the solution is homogenous, the mixer should be turned off and the “day tank” should be allowed to age for 30 minutes to 1 hour. The aging promotes maximum effectiveness.

Flocculants are most effective in the pH range of 7.0 to 9.0. Since this the general range for acceptance discharge to sewer, adjust the pH prior to adding precipitating reagents.

Caution

DO NOT FREEZE

If a spill occurs, excess Aquapure FW should be wiped up with a dry paper towels, cloth and rock salt, or bleach should be laid down to clean up any residual polymer.

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

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