

# AquaPure™ ICM Plus

**Aquapure™ ICM Plus** is a liquid, iron based, cationic coagulant with a polyamine boost, for use in settling suspended precipitate. It is generally used in conjunction with an anionic or cationic flocculant. This is a blended product that is formulated to increase the rate of settling of suspended solids. Aquapure™ ICM Plus may be used in an alkaline precipitation of metals or in combination with a metal precipitant like Aquapure P 601, Aquapure T-500. This product also reduces phosphate and can be injected at several points in the primary system and / or the secondary system.

## Typical Applications

The amount of Aquapure™ ICM Plus necessary varies with the amount and nature of the precipitate. As a rule of thumb, an addition of ½ - 2 ml/ gallon of Aquapure™ ICM Plus is tried initially. Depending upon effectiveness, dosing requirements can be increased or decreased. While the coagulation process is fast, the Aquapure™ ICM Plus requires mixing.

Aquapure™ ICM Plus is added and mixed in to the equalization or secondary system. The wastewater is then pH adjusted for the best pH to precipitate out the metals or the organics you are removing, followed by additions of the anionic or cationic flocculant.

## 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 wastewater via sodium meta -bi sulfite, sodium bisulfite, or other reducing agents. Cyanide destruction and reduction of Cr+6 should be pretreated before entering into the equalization tank.

## Caution

This solution is strongly acidic. Care should be taken when handling and storing. This solution is incompatible with metals. Use polyethylene pumps, tanks, valves and fittings.

**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.

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