

AquaPure™ ICM

Aquapure ICM is a liquid, iron based, cationic coagulant 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 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.

Features & Benefits

Iron coagulant liquid	Fast coagulation, easy to meter in, continuous flow and batch treatment systems
Specially blended product	Aids in metals reduction & water clarification while increasing the settling rate
Cationic charge	Charge neutralization allows suspended particles to bind together to aid in flocculation

Operating Conditions

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

Aquapure ICM is added and mixed into the equalization or secondary system. The wastewater is then pH adjusted for the best pH to precipitate out the metals you are removing. Then additions of the anionic/ cationic flocculant are made.

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



Caution

DO NOT FREEZE.

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.

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.