AquaPure™ I-200

Aquapure I-200 is a sulfated, liquid, ferrous/aluminum cationic coagulant. It is superior in settling suspended solids. It is generally used in conjunction with an anionic flocculant but in some cases can work without the use of a flocculant. Aquapure I-200 may be used in an alkaline precipitation of metals or in combination with a metal precipitant like Aquapure P 601 or Aquapure T-500. Aquapure I-200 works particularly well precipitating out zinc to very low levels.

Features & Benefits

Combines two metal salts	Produces low limits on metals especially on zinc
Sulfated	Produces quick, heavy settling
Liquid Concentrate	Can be metered in for ease of use

Physical Data

Specific Gravity	1.25
Color	Brown liquid
pH	Acidic in nature

Operating Conditions

The amount of Aquapure I-200 necessary varies with the amount and nature of the wastewater. As a rule of thumb, an addition of 2 to 4 mL per gallon of Aquapure I-200 is tried initially. Depending upon effectiveness, increments of 0.1% increase or decrease may be called for. While the coagulation process is fast, the Aquapure I-200 should be metered in with mixing for best efficiency.

Aquapure I-200 is added first, preferably on the acid side, with mixing into solution. The solution is then pH adjusted for the best pH to precipitate out the metals you are removing. Additions of an anionic flocculant are made and, in many cases, may require less flocculant than used with other coagulants.

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 sulfite, bisulfite, or other reducing agents. Remove cyanide and reduce Cr+6, if present, from the waste stream before precipitation.

Caution

This solution is 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].