



Aquapure™ I-300

Product Code: 2601063
Revised Date: March 19, 2015

Aquapure™ I-300

Aquapure™ I-300 is a liquid, iron-containing, cationic coagulant / metal precipitant. It is superior in settling suspended solids and is also used to reduce chrome. It is generally used in conjunction with an anionic flocculant but in some cases can work without the use of a flocculant. **Aquapure™ I-300** may be used in an alkaline precipitation of metals or in combination with a metal precipitant like Aquapure P 601 or Aquapure T-500.

APPLICATION

The amount of **Aquapure™ I-300** necessary varies with the amount and nature of the wastewater. As a rule of thumb, an addition of 0.1% by volume of **Aquapure™ I-300** 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-300** may require some stirring to go into solution.

Aquapure™ I-300 is added first, stirred 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.

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

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.

PROPERTIES

Specific gravity = 1.3
Color = Green to Brown Liquid
Acidic in nature



Product Bulletin

House Calls for Industrial WasteWater

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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.