



Aquapure™ FA

Product Code: 2601010
Revised Date: March 19, 2015

Aquapure™ FA

DESCRIPTION

Aquapure™ FA is a liquid inorganic coagulant for wastewater treatment, designed to effectively and economically treat spent photopolymer resist strippers and developers. **Aquapure™ FA** has several advantages over powder treatments including no hazardous dusts, ease of handling and metering, and no long mixing times or sludge problems. **Aquapure™ FA** will allow the spent photopolymer to be easily pressed into a non-sticky cake.

Aquapure™ FA is also effective in settling suspended precipitates in conjunction with Aquapure™ P 601. **Aquapure™ FA** will cluster the precipitate into a manageable mass. **Aquapure™ FA** is most effective when metered on a continuous basis. An automatic dosing system functions very well for this application.

FEATURES AND BENEFITS

- Economic
- Concentrated liquid
- Easy to meter
- Works on spent resist stripper to produce non sticky sludge without long mixing

TYPICAL APPLICATIONS

- In Printed Circuit shops to treat photo resist
- Papermaking
- Municipal and Industrial Waste and Water Treatment
- Dyes and pigments
- Leather tanners and finishers



House Calls for Industrial WasteWater

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OPERATING PARAMETERS

Photopolymer resist

1. Adjust pH of the spent solution to 9.0 with sulfuric or hydrochloric acid.
2. Add 5% v/v **Aquapure™ FA** while mixing.
3. The solution can be clarified or sent directly to a press.
4. Additional treatment for any metals in solution can be accomplished by using Aquapure P 601 or Aquapure™ T-500

GENERAL USAGE

The amount of **Aquapure™ FA** necessary varies with the amount and nature of the precipitate. As a rule of thumb, an addition of 1% by volume of **Aquapure™ FA** is tried initially. Depending upon effectiveness, increments of 0.1-0.2% increase or decrease may be called for.

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. **DO NOT FREEZE.**

PH CONTROL

Precipitating reagents are most effective in the range of pH 7 to 9. Since this is the general range for acceptable discharge to sewer, adjust the pH prior to adding precipitating reagent.

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.



Product Bulletin

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