



**Aquapure™ Low Cat**

**Product Code: 2601083**  
**Revised Date: March 19, 2015**

### **Aquapure™ Low Cat**

#### **DESCRIPTION**

Aquapure™ Low Cat is a powdered cationic flocculant. When used as directed this polymer works well in massing together suspended solids. Aquapure™ Low Cat may be used in conjunction with conventional hydroxide precipitation as well as secondary precipitation in clustering organic precipitate into a manageable mass. Aquapure™ Low Cat is typically used after the addition of Aquapure™ Coagulants within a pH range of 6-9.

#### **FEATURES AND BENEFITS**

- Easy to use Cationic powdered polymer
- Effective over a pH range of 6 -9
- Long shelf life
- Versatility when used with inorganic and organic coagulants
- Works well to mass organics into a manageable mass
- Unlike anionic polymers, Aquapure™ Low Cat can be used with membrane technology
- Masses together precipitate in primary and secondary treatment systems

#### **TYPICAL APPLICATIONS**

- For use in hydroxide precipitation of organic and inorganic precipitate
- Can be used in primary and secondary waste treatment systems
- Jar testing should be done prior to choosing the polymer for any system



## Product Bulletin

### House Calls for Industrial WasteWater

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#### **MAKE UP**

- Aquapure™ Low Cat can be made up in a day tank (dilution tank) at a dilution of 0.1% by weight
- Tap water is used when making up the day tank
- Mixing should be done by an over the side mixer for 1 hour.
- Polymer should be allowed to age for 1 hour prior to dosing. ie: mixer should be shut off for this time.

#### **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 waste water via sodium sulfite, bisulfite, or other reducing agents. Remove cyanide and reduce cr+6, if present, from the waste stream before precipitation and floccuation.

#### **pH CONTROL**

Flocculants are most effective in the range of pH 6 to 9

#### **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.