



**Aquapure™ SC Plus**

**Product Code: 2601049**  
**Revised Date: March 19, 2015**

### **Aquapure™ SC Plus**

#### **DESCRIPTION**

**Aquapure™ SC Plus** is a liquid polymerized aluminum coagulant, designed to provide a wide latitude of application for wastewater treatment. Most often **Aquapure™ SC Plus** is used to cluster precipitated matter into a manageable mass for settling. **Aquapure™ SC Plus** may accomplish this alone or it may be used with Aquapure™ FW or Aquapure™ AS Plus, anionic polymers) with high basicity, the Aquapure™ SC Plus offers fast formation with a strong polymeric species.

#### **FEATURES AND BENEFITS**

- Improved charge neutralization with highly cationic charge
- Coagulation performance over a wide pH range (4 to 9)
- Reduced residual sludge generation compared to traditional inorganic coagulants
- Works SUPERIOR in cold influent water systems
- Reduces turbidity offering better TSS
- Is used to remove phosphorus to reach lower discharge limits
- Can be fed “as is”

#### **TYPICAL APPLICATIONS**

- Pulp and Paper
- Fish processing
- Brewrys
- Milk processing
- Works well with plate and frame systems as well as DAF systems and Active flow systems



**House Calls for Industrial WasteWater**

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**USE PARAMETERS**

**Aquapure™ SC Plus** dosing is typically 1 – 2 ml/gallon or it can be diluted to a concentration of 1000 ppm and then metered as needed. In larger waste systems, (i.e. greater than 100,000 GPD), **Aquapure™ SC Plus** may be injected directly. Depending on the effectiveness, the increments should be increased or decreased. Solution mixing is always recommended.

**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.

**PHYSICAL DATA**

Specific gravity . . . . .	1.26
Percentage of volatility by volume . . . . .	>80%
Evaporation rate (ether = 1) . . . . .	less than 1
Solubility in water . . . . .	complete
Appearance and odor . . . . .	clear, colorless liquid

**DO NOT FREEZE.**

**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.