Product Bulletin
Product Name: Aquapure CAL 40
Product Code: 2601057
Revision Date: January 30, 2024

AquaPure™ CAL 40

Aquapure CAL 40 is a concentrated liquid inorganic coagulant that offers excellent conditioning characteristics in a variety of wastewater. This product works well for the removal of ortho and pyrophosphates that are generally present in alkaline cleaning and metal finishing wastewater. In addition, Aquapure CAL 40 also reacts to help precipitate out boron and fluoride.

Aquapure CAL 40 neutralizes negative charges which act to hold suspended particles in solution thus allowing for easier flocculation. This product can be used in conjunction with other Aquapure coagulants as well as metal precipitants and other Aquapure flocculants.

Features & Benefits

Liquid coagulant	Easy metering, will not affect pH
Neutralizes negative charges	Aids in coagulation & clarification of suspended particles and colloidal particles in a variety of wastewater streams
Concentrated calcium	Aids in the removal of metals, phosphates, fluorides, oil/grease

Physical Data

Appearance	Colorless liquid
Weight per gallon	10.50 – 11.50 lbs
pH	7.0 – 8.0
Odor	Odorless

Typical Applications

- To be used in conjunction with lime for fluoride precipitation
- For reduction of phosphates through precipitation
- In wastewater where oil and grease are present
- Conditions wastewater through ionic neutralization thus enhancing particle size
- Improves settling and filtration

Operating Conditions

Aquapure CAL 40 is typically used full strength at 0.5 to 2.0 mL per gallon and can be metered in for ease of operation. In some cases where chelators are present higher doses are needed. Jar tests should be performed on site to determine optimum dosing. Aquapure CAL 40 can be added at any pH but most precipitation will take place at a pH of 7.0 to 8.0 or greater.

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

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