



**Aquapure™ OB Plus**

**Product Code: 2601090**  
**Revised Date: March 19, 2015**

### **Aquapure™ OB Plus**

#### **DESCRIPTION**

Aquapure™ OB Plus is a highly concentrated cationic coagulant used for clarification as well as dewatering of wastewater. Aquapure™ OB Plus can also be used as a demulsifier for oily waste water as well as liquid/solid separation during secondary treatment with DAF equipment. It works effectively as a primary coagulant and charge neutralization agent in liquid/solid separation processes in a wide variety of industries. Aquapure™ OB Plus is effective over a wide pH range and is economical to use. It is most often used to cluster precipitated matter and may accomplish this alone or with the use of an anionic or cationic polymer. Aquapure™ OB may also be used to concentrate membrane solids in dewatering.

#### **FEATURES AND BENEFITS**

- High charge coagulant with a wide variety of uses
- Easy to meter in wastewater
- Demulsifies oily water
- Reduces haze in water with high surfactant loading
- Works well with either anionic or cationic polymers
- Flocculant properties that may not require the addition of a final flocculant
- Membrane friendly; Can be used at low doses to aid membrane systems in anti-fouling of the equipment
- Dewateres sludge for higher solids sludge
- Works well in DAF (dissolved air flotation) systems, resulting in clearer supernates and increased float solids



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**TYPICAL APPLICATIONS**

- Laundry systems, in conjunction with bentonite clay and Aquapure™ B-Cat
- Used in secondary treatments to aid in liquid / solid separation of microbes
- Plating lines, job or captive shops
- Membrane systems to aid in better operation of the membrane by laying down a thin layer of polyamine to maintain the efficiency of the equipment. These membranes are used in all types of manufacturing of industrial and food processing.
- Wastewater treatment for clarification of water as a primary coagulant. Aquapure™ OB improves the water quality by reducing color, suspended solids and turbidity.

**APPLICATION PARAMETERS**

Aquapure™ OB can be directly metered into the system or diluted down as necessary. Best results are obtained by dispersing feed stream and promoting high turbulence and rapid mixing past the application point.

In wastewater treatment applications typical dosing is 1-2 ml/gallon of wastewater for clarification.

Membrane applications are usually much lower and can be used with a cationic flocculant like Aquapure™ B-Cat and Low Cat.

**PHYSICAL PROPERTIES**

Specific gravity.....	1.02
Solubility in water.....	complete
Appearance and odor.....	slight tint with slight amine odor
pH.....	5.0-7.0
Flash point.....	> 200 degrees



## Product Bulletin

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**DO NOT FREEZE** Aquapure™ OB

### **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.