

AquaPure™ OB Plus

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 de-mulsifier for oily wastewater 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 & Benefits

Demulsifies oily water	Reduces haze in water with high surfactant loading
Easy to meter in wastewater	High charge coagulant with a wide variety of uses
Flocculant properties that may not require the addition of a final flocculant	Dewaters sludge for higher solids sludge

Physical Data

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°F

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.

Operating Conditions

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 to 2 mL per gallon of wastewater for clarification.

Caution

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.

Our People. Your Problem Solvers.

For more information on this process,
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Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**¹³⁶.