



AquaPure™ H-Cat

Aquapure™ H-Cat is a high charge emulsion polymer used for dewatering suspended sludge in a centrifuge application. The acceleration generated by the rotating centrifuge allows for very rapid separation of the solid matter in highly concentrated suspensions for residual sludge. The structured nature of Aquapure™ H-Cat is ideal for liquid/ solid separation of bio solids and industrial solids in primary or secondary applications where the sludge is > 1.0%. This product is recommended for systems where sludge is variable on a daily basis OR for systems with consistent high solids. Can be used with a polymer make down tube or injected into the line before the centrifuge.

Features & Benefits

- Liquid emulsion for easy handling
- Faster separation with dewatered sludge
- Better clarity of centrate along with drier solids
- Dewateres sludge that is variable from day to day
- Complex structure to handle a variety of solids
- Produces drier sludge

Typical Applications

- For use in systems using continuous solid bowl centrifuges
- To be used in primary or secondary clarification Bio and industrial solids
- In systems with solids > than 1.0%
- Screw transfer of thickened sludge preventing risk of blockage
- Can be dialed in for dosage in: lbs/ dry ton

Application Parameters

Testing should be done before installation of any polymer.



Physical Properties

Specific gravity.....	1.0-1.1g/liter
Solubility in water.....	completely misible
Appearance and odor.....	Viscous liquid, milky
pH.....	4-6 @ 5g/liter
Flash point.....	does not flash

Storage and Handling

DO NOT FREEZE

The shelf life of Aquapure™ H-Cat is at least six months, undiluted and/or unopened.

Spilled product should be scooped up as much as possible and the remaining layer absorbed with a material as weeping compound. Follow all: Federal, State, and Local regulations in clean up and disposal of spilled product.

Do not use: Aluminum, copper or mild steel tanks, pumps or piping.

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

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-Chem¹³⁶**.