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Aquacare 400R

Aquacare 400R is a Sodium Polyacrylate thickening agent.

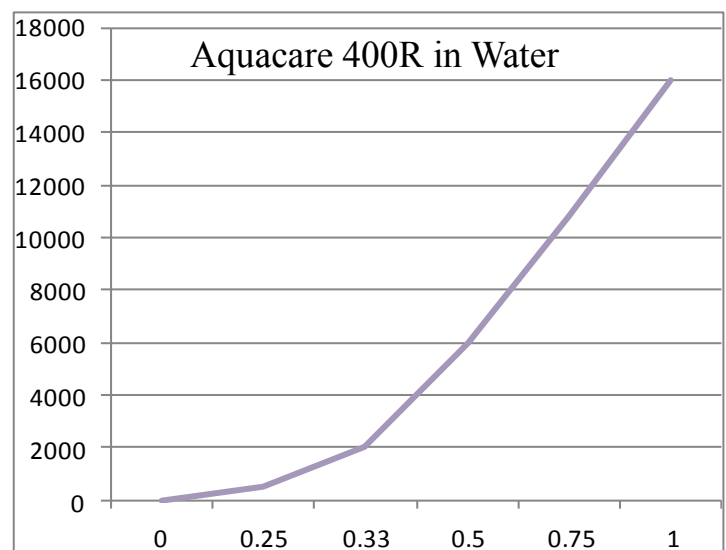
Viscosifying

Aquacare 400R is excellent for thickening water based cleaners and coatings which require a little viscosity to prevent them from dripping/running from the target area before the material being applied has time to function. It is very effective at back thickening solutions which are low in viscosity.

Aquacare 400R consists of a polymer in an oil phase and it is necessary to mix the product with sufficient shear to emulsify the oil phase and generate the inversion of the thickener. The product will thicken very rapidly with the correct shear.

Aquacare 400R is most effective at neutral Ph. Although it will perform at Ph above 10 the efficiency diminishes. At Ph below 5 it is very inefficient.

Efficiency



Typical application levels are 0.5-4.0% depending upon the viscosity required and the components of the liquid. Aquacare 400R is affected by electrolytes and more Aquaprint 400R will be required for high electrolyte systems.

In domestic tap water 1.25% Aquacare 400R will produce ~20,000cps. In a 1% salt solution twice this amount may be required.

Characteristics

- Appearance off White liquid
- Ionic Character Anionic
- odor hydrocarbon
- pH 6-7

Applications

- Thickener for aqueous solutions

Packaging and Product Form

- 450lb Drums
- 2300lb Totes