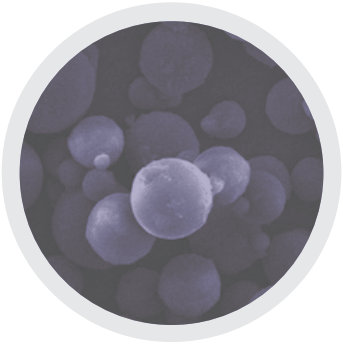
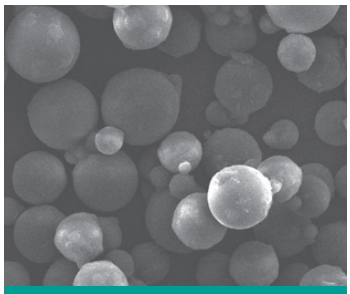
AQUPEC MG N40R

Spherical water-soluble thickener





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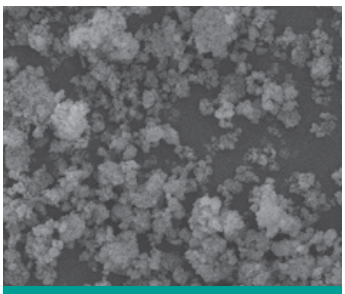


Conventional water-soluble thickener

AQUPEC MG N40R

INCI Name: *Sodium Carbomer*

Appearance: *White Powder*

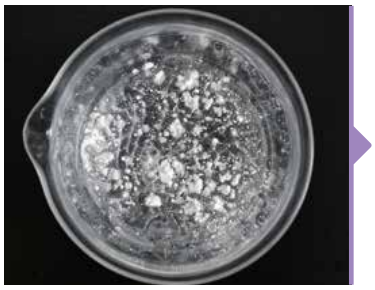
0.5% w/w aq. Viscosity at pH 5.6 (mPa s): *15,000-30,000*

Advantages of AQUPEC MG N40R

Rich, Gel-like Texture	Due to the spherical shape, this material gives a unique texture despite being a water-soluble thickener
Ease of Use	Eliminates time-consuming pH adjustments and longer premixing time
Enhanced Sensory Experience	Smooth and lightweight texture with non-sticky application
Reduction in Creasing	Reduces creasing as compared to conventional water-soluble thickeners, even at high concentrations

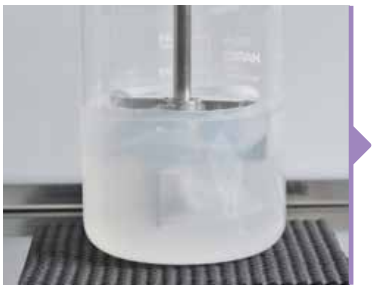
Formulation Guidelines

- Typical Use Level: 0.2-5.0%.
- Recommended for skincare, makeup, haircare, and toiletries.
- Easily premix into polyols prior to using:
  1. Premix 1:10-1:20 ratio of **AQUPEC MG N40R** to polyols (glycerin, propylene glycol, and/or butylene glycol) and premix with mechanical mixer.
  2. Add the premixed dispersants into the water phase of your batch and mix until uniform.



Addition of 0.5% w/w before stirring

Immediately after stirring



After mixing

0.5% w/w aqueous solution