Spherical water-soluble thickener

**Benefits**

1. Give your cosmetics **unique and impressive** texture thanks to the spherical shape despite being a water-soluble thickener.

2. Unprecedented smoothness and lightness that provide various cosmetics products with impressive texture.

3. Spherical shape reduces creasing even at high concentrations.

**Product name and properties**

<table>
<thead>
<tr>
<th>Product name</th>
<th>AQUPEC MG N40R</th>
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</thead>
<tbody>
<tr>
<td>INCI name</td>
<td>Sodium Carbomer</td>
</tr>
<tr>
<td>IECIC (China FDA)</td>
<td>卡波姆钠</td>
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<tr>
<td>Appearance</td>
<td>White powder</td>
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<tr>
<td>0.5% w/w aq. Viscosity at pH 5.6 [mPa-s]</td>
<td>15,000 – 30,000</td>
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<tr>
<td>Particle shape</td>
<td>Spherical shape</td>
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</tbody>
</table>
Recommended for

- Skin care, Make up, Hair care and Toiletries

Recommended unique applications:

- 95% Glycerin gel
- Spray gel

Applications

Eliminating time-consuming pH adjustment and long-time premixing, the thickener enables SHEQC-friendly process innovation (Improving Safety, Health, Environment, Quality and Cost).

How to use

Recommended as following premixing process in polyols

1. Add 0.2-2.0% w/w of AQUPEC MG into 4.0-20.0% w/w of polyols (Glycerin and/or Propylene Glycol and/or Butylene Glycol), and premix them by mechanical mixer.

2. Add the premixed dispersants into the water phase and mix them well.