

Updated: 11/2/2018

## GelMaker Powder

### Specification Sheet

**Description:** Self-wetting rheology modifier designed to provide moderate-to-high viscosity as well as stabilizing and suspending properties to personal care applications. The polymer is designed for surfactant-cleansing and electrolyte-containing formulations, just like carbopol ultrez 20. Soluble in water. pH: 5.8-6.3. Viscosity: 54,000 cps (1% in water). White powder.

**CAS:** 9003-01-4, 9007-16-3, 9007-17-4, 9062-04-8, 76050-42-5

**INCI Name:** Acrylates C10-30 alkyl acrylate crosspolymer

**Benefits:**

- Rapid self-wetting polymer (3-5 minutes)
- Requires only minimal agitation
- Stabilizes emulsion-based and non-emulsion formulas including surfactant systems.
- Provides good viscosity and clarity for gels

**Use:** Use level is dependent upon desired viscosity and the nature and quantity of other formulation ingredients. However, typical use level is 0.2-3%. Sprinkle onto the surface of deionized water and stir thoroughly with a stick blender or other high-speed stirring device. Add then surfactants, conditioners, silicones, and other ingredients. Adjust then pH to at least 4.5-5. Without pH neutralization it may be slightly cloudy. Do not heat GelMaker Powder to more than 40°C (104°F). For external use only.

**Applications:** Gels, shampoos, lotions, creams, scrubs.

**Country of Origin:** USA

**Raw material source:** Acrylic acid

**Manufacture:** Acrylates C10-30 alkyl acrylate crosspolymer is made by polymerization of sodiumacrylate and sodium acryloyldimethyl monomers.

**Animal Testing:** Not animal tested

**GMO:** GMO-free (does not contain plant-derived components)

**Vegan:** Does not contain animal derived components