

## Carbomer 940

### Specification Sheet

**Description:** Polyvinyl carboxy polymer crosslinked with ethers of pentaerythritol. Used as a viscosity enhancer or gelling agent primarily in systems where clarity or viscosity is required. White powder. Soluble in water. pH value: 2.7-3.3 (0.5% solution at 25°C/77°F). Viscosity: 45,000-70,000 cps (0.5% solution).

**CAS:** 9003-01-4 or 76050-42-5

**INCI Name:** Carbomer 940

**Composition:** Carbomer 940

**Purity Grade:** No purity grade applicable

**Appearance:** Fine white powder

**pH Value:** pH value: 2.7-3.3 (0.5% solution)

**Benefits:**

- Acts as powerful, pH-sensitive gelling thickener useful for making clear gels
- Stabilizes emulsions

**Use:** Typical use level 0.1-0.5% depending on the type of formulation desired viscosity. Carbomer must be thoroughly mixed and hydrated. Increasing the pH to >6.0, gives a gel structure. Neutralization can be carried out with inorganic bases such as NaOH or KOH or triethanolamine (TEA). For external use only.

**Applications:** Gel-creams, hair gels, and other gels, lotions, creams

**Solubility:** Water-soluble

**Preservation:** Preservative-free

**Storage:** Store in a closed container at a dry place at room temperature

**Country of Origin:** USA

**Raw material source:** Acrylic acid



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**Manufacture:** Carbomer is produced by polymerization of acrylic acid to form high-molecular weight, cross-linked polymers of acrylic acid (polyacrylic acid)

**Animal Testing:** Not animal tested

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

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

**HS Code:** 2916110000

**Proposition 65:** WARNING: This product can expose you to chemicals including residual solvent benzene, which is known to the State of California to cause cancer or reproductive toxicity. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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