

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

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