

CARBOMED 940

Acrylic acid polymer for
personal care.



MEDOLLA

Cosmetic Specialty Ingredients

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Acrylic acid polymer for personal care.



- **Carbomed 940** is a dry, synthetic, high molecular weight polymer of acrylic acid cross-linked with allyl ethers of pentaerythritol, which conforms to the USP/NF specifications as "Carbomer 940". It is a white, fine, rather hygroscopic powder.
- **Carbomed 940** is used as a gelling agent for aqueous and hydroalcoholic gels, a thickener for surfactant formulations and a stabilizer for emulsions and suspensions.



- **Carbomed 940** is effective at very low concentrations and is used to create gels very easily and cost effectively. At its normal use levels up to 1%, Carbomed 940 generates very thick gels.
- **Carbomed 940** is acidic and when dispersed in water does not produce any remarkable thickening. Carbomed 940 must be neutralized with an appropriate, organic or inorganic, base, such as sodium, potassium, ammonium hydroxide or amines, to form a salt. Viscosity of gels varies with pH and the optimum operating pH is 6-9. It is suggested to neutralize around pH 7.

Years of successful use have demonstrated that Carbomed 940 is a safe product.



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