

## Polyquaternium-11

**CAS No.:**53633-54-8

**Mol. Formula.:** (C<sub>6</sub>H<sub>9</sub>NO)<sub>n</sub>

**Specification:**

Item	Specification
Appearance	Clear to Light yellow viscous liquid
Solid content	20±1%
pH value (10% in water)	5.0-7.0
Color (APHA)	≤120
Viscosity (cps)	20,000-70,000
Vinyl pyrrolidone	≤0.10%

**Application:**

Conditioning agent in conditioning shampoos and cream or clear rinse conditioners. Provides instant detangling while adding volume and body. Film former in styling products, such as aerosol mousses, gels and glazes. Spray on products for conditioning and blow-drying. Additive for improved skin feel in shaving products, skin creams and lotions, deodorants and antiperspirants, liquid and bar soaps. Provides thermal/mechanical protection in styling products.

**Packing :** 50kgs or 200kgs net in plastic drum