

Polyquaternium-10

Specification Sheet

Description: Thickening quat conditioner of the polymeric quaternary ammonium salt of hydroxyethyl cellulose. Viscosity 1,000-2,500 cps.

CAS: 68610-92-4

INCI Name: Polyquaternium 10

Composition: Polyquaternium 10

Appearance: Light-yellowish powder, faint odor

pH Value: 5.5-6.5 (1% solution)

Benefits:

- Cationic quat conditioning agent, adheres readily to hair proteins
- Provides superb wet compatibility, good manageability & curl retention
- Builds viscosity making the use of an auxiliary thickener unnecessary

Use: Add as is to water phase of formula. Typical use level 0.2 and 2%. Common concentration in a shampoo is only 0.5%. For external use only.

Applications: All kinds of hair conditioning products including hair shampoos, hair rinses, hair gels.

Solubility: Water-soluble

Preservation: Preservative-free

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

Country of Origin: Korea

Raw material source: Hydroxyethyl cellulose

Manufacture: Polyquaternium-10 is a quaternized cellulose polymer produced by reacting a cationic etherifying agent and hydroxyethyl cellulose.



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Animal Testing: Not animal tested

GMO: GMO free

Vegan: Does not contain animal-derived components

HS Code: 3402120000