

## Polyquaternium-7

### Specification Sheet

**Description:** Low acrylamide, non-paraben, aqueous, cationic copolymer developed for improved compatibility and clarity in anionic surfactant systems. Solids: 8-10%. Viscosity 7,500-15,000 mPas.

**CAS:** 7732-18-5, 26590-05-6

**INCI Name:** Water, Polyquaternium-7

**Composition:** Water, Polyquaternium-7, Sodium Benzoate

**Appearance:** Clear colorless liquid, characteristic faint odor

**Benefits:**

- Imparts a smooth velvety feel and improves slip and moisturization in skin and hair care products.
- Improves wet combing and detangling of hair due to its anti-static properties.
- Strong antistatic properties are ideal for use in anhydrous products.
- Provides rich, creamy foam to shampoos and shower gels.
- No build-up effect.

**Use:** Add to formulas as is. Typical use level: 2-10%. For external use only.

**Applications:** Hair conditioners, shampoos, hair rinses, spritzes, mousse, leave-on spritzes.

**Solubility:** Soluble in water, glycerin and propylene glycol

**Preservation:** Sodium benzoate

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

**Country of Origin:** USA, Europe, and Korea

**Raw material source:** Acrylamide and diallyldimethylammonium chloride

**Manufacture:** Polyquaternium-7 is a quaternized copolymer of acrylamide and diallyldimethylammonium chloride.

**Animal Testing:** Not animal tested.



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

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

**HS Code:** 3402120000

**California Prop. 65:** WARNING: This product can expose you to chemicals including Acrylamide (1 ppm), 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)