

Polyquaternium-7

CAS No.	EINECS No.	UN No.	Molecular Formula / Product Type
26590-05-6	Not assigned to the polymer	Not assigned in stated reference	Modified or synthetic polymer; no single molecular formula

Product Description

Polyquaternium-7 is an aqueous copolymer of acrylamide and diallyldimethylammonium chloride. The supplied liquid specifies 10.0 ±0.5% solids and a viscosity range measured at 25°C.

Specifications

Parameter	Specification
Appearance	Clear, colorless viscous liquid
Solids	10.0 ±0.5 %
pH, 1% aqueous solution	5.0–8.0
Viscosity at 25°C	8,000–15,000 mPa·s

Applications

- Shampoo formulations: Evaluate conditioning and compatibility in the intended shampoo surfactant system.
- Liquid cleansers: Assess the polymer in rinse-off liquid-cleanser formulations and compare clarity and viscosity after dilution.
- Formulation screening: Compare mixing order, electrolyte sensitivity and deposition through controlled formulation trials.

Packaging and Storage

Packaging	50 kg, 125 kg or 200 kg drums; confirm the selected format.
Storage	Keep tightly closed in a cool, ventilated place protected from sunlight and excessive heat. Use compatible containers and prevent contamination. Keep sealed to limit water loss and gel formation. One year in unopened original packaging under the stated storage conditions.

Safety and Regulatory

Professional-use technical information. Review the corresponding reference SDS, workplace controls and destination-market requirements. Transport entries apply to the reference identity, form and concentration.

Company Contact

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The information is provided in good faith for professional evaluation. Specifications apply to the stated commercial grade; users must confirm suitability, regulatory compliance and safe handling for their intended application.