

Guar Hydroxypropyltrimonium Chloride

CAS No.	EINECS No.	UN No.	Molecular Formula / Product Type
65497-29-2	Not assigned to the polymer	Not assigned in stated reference	Modified or synthetic polymer; no single molecular formula

Product Description

Guar hydroxypropyltrimonium chloride is a cationic derivative of guar gum. E-14S specifies nitrogen content, moisture and particle-size limits. Viscosity and pH require agreed aqueous preparation and measurement conditions. The supplied sheet does not define a universal concentration for these tests.

Specifications

Parameter	Specification
Appearance	Pale-cream to light-yellow powder
Nitrogen	1.3–1.7 %
Loss on drying	≤12 %
Passing 150 mesh	≥90 %
Viscosity, agreed test conditions	3,000–5,500 mPa·s
pH, agreed aqueous test conditions	8.0–11.0

Applications

- Hair-care conditioning: Evaluate deposition and wet-combing response in a qualified shampoo or conditioner system.
- Surfactant formulation: Check hydration and compatibility with the intended anionic or amphoteric surfactant blend.
- Rheology development: Compare solution preparation, mixing sequence and viscosity under an agreed measurement procedure.

Packaging and Storage

Packaging	25 kg cardboard drums.
Storage	Keep tightly closed in a cool, dry, ventilated place. Protect against moisture and contamination; keep away from incompatible materials. Protect against direct light; avoid strong acids and oxidizers.

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

Hainan Zhongxin Chemical Co., Ltd.

Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road, Xuhui District, Shanghai, China.

Tel: +86-21-54265599 | sales@zxchem.com.cn | www.zxchem.com

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.