广州元腾化学有限公司
Guangzhou HCS Chemicals Co.,Ltd.

TECHNICAL DATA SHEET

INCI: C16-18 Fatty acid triethanolamine ester quaternary, methyl sulphate

CAS: 157905-74-3

EINECS: 605-113-4

Recommended Dosage: 3% - 20% (Active weight)

Technical Specifications:

Chemical Properties	Specifications
Appearance	White to pale yellow paste
Gardner Color	< 3
Active Matter (meq/g)	1.05–1.15
Acid Value (mgKOH/g)	< 12.0
Amine Value (mgKOH/g)	< 6.0
Solid Content (%)	88.0–92.0
5% pH Value	2.0–4.0

Usage / Application:

Recommended dosage: 3%–20% (active weight).
Provides softening, antistatic, and wetting properties. High cationicity, non-yellowing; suitable for bleaching fabric finishing. Plant-derived, readily biodegradable, APEO-free, and formaldehyde-free. Dispersible in cold water; stable at concentrations up to 20%. Used for cotton, linen, silk, wool, and synthetic fibers. Also applicable to hair conditioners and car wash rinse aids.

Package, Storage & Safety:

Packaging: 200 L wide-mouth flange plastic drums.
Storage: Cool, dry, ventilated area; keep away from fire and heat; keep containers sealed.
Shelf life: 24 months.
Disposal: Follow local environmental regulations; do not discharge into groundwater.
Compatibility: Incompatible with anionic surfactants and fluorescent brighteners.