

Cationic Surfactants

Positively charged surfactant compounds

Product Description

Cationic surfactants used in fabric softeners, hair conditioners, and disinfectants.

Certificate of Analysis

HSN Code: 3402.13 CAS Number: Mixture (varies depending on specific cationic surfactant)

Parameter	Specification	Test Method
Active Matter (%)	70% – 80%	Titration
Appearance	Clear to pale yellow viscous liquid	Visual
pH (1% solution)	4.0 – 7.0	pH meter
Moisture Content	Max 5.0%	Gravimetric
Chloride Content (as)	Max 1.5%	Titration
Density (20°C)	0.95 – 1.05 g/cm³	Hydrometer / Density meter
Color (Gardner)	Max 5	Visual / Spectrophotometric
Solubility	Completely soluble in water	Visual

Physical Properties

Appearance: Clear to pale yellow viscous liquid

Odor: Not specified

Molecular Formula: Varies by specific surfactant

Molecular Weight: Varies by specific surfactant

Solubility: Completely soluble in water

Density: 0.95 – 1.05 g/cm³

Packing: 200 kg HDPE drums, 1000 kg IBC tanks (bulk)

Storage: Store in a cool, dry, well-ventilated area. Keep away from direct sunlight and heat. Avoid contact with strong oxidizing agents.

Safety & Handling

PPE: Gloves, goggles, protective clothing

Hazards:

- Irritating to skin, eyes, and respiratory system