

Wetting Agent

Surfactant for improving wetting properties

Product Description

Wetting agents used in detergents, textiles, and agriculture to reduce surface tension.

Certificate of Analysis

HSN Code: 3402.20

CAS Number: Varies by type (e.g., Nonionic: 9016-45-9, Anionic: 141-90-6, Cationic: 141-90-6, Amphoteric: 141-90-6)

Classification: Generally Non-Hazardous or Mildly Irritant

Parameter	Specification	Test Method
Active Matter Content (%)	40% – 70% (depending on product)	Titration / Gravimetric
Appearance	Clear to slightly hazy liquid	Visual
Color (Gardner / Pt-Co scale)	Max 10	Visual / Spectrophotometric
pH (1% aqueous solution)	5.0 – 8.0	pH meter
Density (at 25°C)	1.00 – 1.15 g/cm³	Hydrometer / Density meter
Cloud Point (if applicable)	60°C – 90°C (nonionic types)	Standard ASTM method
Solubility	Completely soluble in water	Visual / Physical
Foam Height (1% solution)	Max 50 ml (if relevant)	Foam Test (Ross-Miles or similar)
Viscosity (at 25°C)	20 – 200 cP (depending on type)	Viscometer
Moisture Content (%)	Max 5.0%	Gravimetric
Total Alkali (as NaOH)	Max 0.5%	Titration

Physical Properties

Appearance: Clear to slightly hazy liquid

Solubility: Completely soluble in water

Packing: 200 kg HDPE drums; 1000 kg IBC tanks for bulk supply

Storage: Store in a cool, dry, and well-ventilated area; Avoid freezing or excessive heat; Keep containers tightly closed; Avoid contact with incompatible materials.

Safety & Handling

PPE: Gloves, goggles

Hazards:

- Skin irritation
- Eye irritation