

Octadecyl Dimethyl Amine Oxide (OA-18)

Properties & Applications

Octadecyl Dimethyl Amine Oxide (OA-18) is a kind of zwitterionic surfactant, colorless transparent liquid, weak cationic surfactant, cationic in acidic medium, nonionic in alkaline medium, soluble in water and polar organic solvent, slightly soluble in nonpolar organic solvent.

Octadecyl Dimethyl Amine Oxide (OA-18) can be used for shampoo which make the hair more soft, easy to comb, foam exquisite, rich luster. Octadecyl Dimethyl Amine Oxide (OA-18) can also be used for tableware, lavatory, building exterior wall and other hard surface, cleaning agent to give products to thicken, reduce stimulation and synergism.

Technical Specification

Parameter	Standard
Appearance	Colorless to light yellow transparent liquid
Active content, %	25.0 min
pH (10% water solution)	6.0-8.0
Free amine, %	0.5 max
Colour APHA	100 max

Package & Storage

200kg plastic drum. Storage for one year in shady room and dry place.

Safety Precaution

Avoid contact with eye and skin, once contacted, flush with water.

Alternative Name / Synonyms

- Octadecyl Dimethyl Amine Oxide
- OA-18
- TAO-18