

Decyl Dimethyl Amine Oxide (OA-10)

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| CAS No. | 2605-79-0 |
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Product Features

Decyl Dimethyl Amine Oxide 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.

Decyl Dimethyl Amine Oxide has excellent thickening, anti-static, soft, decontamination and foam boosting performance.

Decyl Dimethyl Amine Oxide has low irritant performance, which not only can effectively reduce the anionic detergent irritant, but also has a bactericidal, Ca-soap dispersion, vulnerability to biological degradation and so on.

Decyl Dimethyl Amine Oxide is mainly used for shampoo which make the hair more soft, easy to comb, foam exquisite, rich luster. OA-10 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, % | 29.0-31.0 |
| pH (10% water solution) | 5.0-9.0 |
| Free amine, % | 0.7 max |
| Peroxide % | 1.0 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

- Decyl Dimethyl Amine Oxide
- OA-10
- DDAO
- Decyldimethylamine N-oxide • Decylamine Oxide
- N,N-Dimethyldecylamine N-oxide