

Ceteareth-30

Emulsifiers

Ceteareth-30 is an ultra-high hydrophilic O/W emulsifier, suitable for high-stability sunscreen/ointment, with solubilization performance > 20/25

1. Product Composition

Product Name: Ceteareth-30; Cetearyl alcohol polyoxyethylene ether-30; C16-18 alcohol polyether-30
CAS Number: 68439-49-6
Molecular Formula: R-O(CH₂CH₂O)₃₀H
Molecular Weight: Not Applicable

2. Product Indicators

Test	Specification
Appearance	White flake
Color (Pt-Co)	Max 20
Moisture (%)	Max 1.0
PH value (1% aqueous solution)	5.0-7.0
Hydroxyl value (mg KOH/g)	34-38
Cloud point (°C)	92-96

4. Features & Applications

Ceteareth-30 is a nonionic surfactant in daily chemicals. It has emulsification, solubilization and foam stabilization effects. It is often used in lotions, cleaning products, etc. It can stabilize the system and improve the texture. Its advantages are strong hydrophilicity, mild and low irritation, resistance to hard water and acid and alkali, and adaptability to a variety of formulas. Compared with Ceteareth-20 and 25, Ceteareth-30 has more ethylene oxide additions (10 and 5 more, respectively), stronger water solubility, and is more suitable for scenarios with high hydrophilic requirements; Ceteareth-20 has weaker hydrophilicity, and Ceteareth-25 is in the middle. All three have the advantage of system stability, and Ceteareth-30 has more outstanding solubilization efficiency.

5. Safety & Protection

This product does not require special safety equipment. Please refer to the storage methods of general industrial products. It is recommended to take appropriate protective measures and try to avoid long-term contact with the product. After contact, the eyes or skin should be rinsed with plenty of running water. Store the product in a cool, dry, ventilated place, store in light, and keep the container closed; keep away from fire and heat sources; keep away from strong oxidants and strong reducing agents. Unless otherwise stated, products can be used for 12 months from the date of manufacture under reasonable storage conditions. For other relevant handling and toxicity information, please refer to the SDS of the product.