

Ceteareth-25

Emulsifiers

Ceteareth-25 is a more hydrophilic O/W emulsifier, suitable for high oil phase sunscreen/cream.

1. Product Composition

Product Name:	Ceteareth-25; Polyoxy 25 Cetostearyl Ether
CAS Number:	68439-49-6
Molecular Formula:	R-O(CH ₂ CH ₂ O) ₂₅ H
Molecular Weight:	Not Applicable

2. Product Indicators

Test	Specification
Appearance	White flake
Color (Pt-Co)	Max 20
Moisture (%)	Max 2.0
PH value (1% aqueous solution)	5.5-7.0
Hydroxyl value (mg KOH/g)	42-51
Cloud point (°C)	89-93

4. Features & Applications

Ceteareth-25 is used as a nonionic surfactant in daily chemicals. It has emulsifying, solubilizing and foam stabilizing effects. It is used in emulsions and toiletries to 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 multiple formulas. Compared with Ceteareth-20, it has 5 more ethylene oxide additions, is more water-soluble, and is more suitable for scenes requiring high hydrophilicity; Ceteareth-20 has moderate hydrophilicity. Both have advantages in mildness and system stability, and Ceteareth-25 is more outstanding in 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.