

Cetareth-20

Emulsifiers

Cetareth-20 is a highly efficient O/W emulsifier for daily use and a core ingredient for thickening and solubilizing creams and sunscreen products.

1.Product Composition

Product Name:	Cetareth-20; Coconut diethanolamide; Polyoxyl 20 Cetostearyl Ether
CAS Number:	68603-42-9
Molecular Formula:	$R-O(CH_2CH_2O)_{20}H$
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

Cetareth-20 is used as a nonionic surfactant in daily chemicals, with emulsification, solubilization, conditioning and other functions. It can stabilize emulsions (such as creams), dissolve essential oils and other ingredients, and improve hair combing when used in skin care products. Its advantages are mild and low irritation, suitable for sensitive skin; resistant to hard water and acid and alkali, high stability; and can be multi-effect synergistic, simplifying the formula, widely used in skin care, hair care and cleaning products, improving product texture and user experience.

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.