

CDEA

Surfactant

Cocamide DEA (CDEA) is used as a surfactant in daily chemicals, which has the functions of stabilizing foam, thickening and dissolving. It is the core ingredient of shampoo and detergent.

1.Product Composition

Product Name:	Cocamide DEA;CDEA; Coconut diethanolamide
CAS Number:	68603-42-9
Molecular Formula:	C ₁₆ H ₃₃ NO ₃
Molecular Weight:	287.16

2.Product Indicators

Test	Specification(1:1)	Specification(1:1.5)	Specification(1:2)
Appearance	Light yellow transparent liquid		
PH value (1% EtOH)	9.5-10.5	9.5-10.5	9.5-10.5
Amine value (mg KOH/g)	Max.30.0	Max.90.0	Max.130.0
Free oil (%)	Max.8.0	Max.6.0	Max.4.0
Glycerin (%)	Max.10.0	Max.9.0	Max.8.0
Moisture (%)	Max.0.5	Max.0.5	Max.0.5
Effective substance (%)	Min.77.0	Min.70.0	Min.63.0
Color (HAZEN)	Max.300	Max.300	Max.300

4.Features & Applications

Cocamide MEA (CMEA) is used as a nonionic surfactant in the fields of daily chemicals and washing. It can be compounded with anionic surfactants to enhance foam stability and improve the foam richness and durability of products such as shampoo and shower gel. It has thickening, solubilizing and emulsifying effects, which can improve the detergency and system viscosity of laundry detergents and dishwashing liquids, and can also help disperse oil-soluble ingredients in skin care lotions. It is resistant to hard water, mild and low in irritation, and its multifunctional synergy simplifies the formula and reduces costs. It is also suitable for heavy oil pollution removal in industrial cleaning.

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.