

## Cocamide MEA (CMEA)

Other Name: Coconut Fatty Acid Monoethanolamide

INCI name: Cocamide MEA (CMEA)

CAS No.: 68140-00-1

EINECS (EC) No.:

Molecular Formula:  $RCONHCH_2CH_2OH$                       R:Coco alkyl

Characteristics:

- 1, CMEA is an alkanolamide of nonionic surfactant.
- 2, Perfect foam-stabilizing, decontamination, wetting, anti-hard water and biodegradability (97% or more degradation rate).
- 3, Perfect thickener, even better thickening ability than CDEA (6501).
- 4, Difficult to dissolve in water. Easy to dissolve to transparent solution when compounded with soap and other surfactants.

Application:

- 1, In the application of soap, it can be enhance the fragrance, increase lustre and preventing rot.
- 2, In liquid washing products, it has a very clear thickening effect, adding 1% into the prescription, the viscosity even exceed that of 2-3% 6501 additive, and the dosage of inorganic salt will be saved.
- 3, Especially suitable in amine salt and sulfosuccinic acid salt systems.
- 4, It is widely used in solid soap and soap powder, washing powder, liquid detergent, emulsification stabilizer, and emulsifying shampoo.
- 5, The recommendend dosage for liquid and emulsion prescription is 0.5-2%.

Specification

Item	Specification	
	No Glycerol	Glycerol
Appearance, 25°C	White to yellowish flake solid	
Amine value, mgKOH/g	10 max.	20max.
Amide content, %	92 min.	/
Melting point, °C	70±5	60±5
Total ester, %	5 max.	/
Glycerine, %	/	11 max.
pH value (25°C, 10g/L, 10% ethanol solution)	7.0-10.5	7.0-10.5
Color, Hazen (10% ethanol solution)	50 max.	50 max.

### Cocamide MEA (CMEA) Non-glycerol

Appearance, 25°C: White to yellowish flake solid

Amine value, mgKOH/g: 10 max.

Amide content, %: 92 min.

Melting point, °C: 70±5

Total ester, %: 5 max.

Glycerine, %: nill

Ph value (25°C, 10g/L,10% ethanol solution): 7.0-10.5

Color, Hazen (10% ethanol solution): 50 max.

### Cocamide MEA (CMEA) with glycerol

Appearance,25°C: White to yellowish flake solid

Amine value, mgKOH/g: 20 max.

Amide content, %: nill.

Melting point, °C: 60±5

Total ester, %: nill.

Glycerine, %: 11 max.

Ph value (25°C, 10g/L,10% ethanol solution): 7.0-10.5

Color, Hazen (10% ethanol solution): 50 max.

### Packing

Item	Packing	Quantity/FCL	N.W./FCL	G.W./FCL
CMEA	25Kgs/Bag	500bags	12.50MT	12.75MT

25kg/bag, 12.5mt/fcl (N.W.), 12.75mt/fcl (G.W.)

\*\*Paper-plastic compound bag

Storage: Stored in dry, cool and ventilated place, kept away from sunshine and rain.

