



MACKAMIDE[®] CMA

INCI Name: Cocamide MEA

CAS No.: 68140-00-1

EINECS: 268-770-2

Product Description

Mackamide CMA is a 1:1 coconut monoethanolamide, which is designed for use in household and cosmetic preparations. **Mackamide CMA** will help enhance the viscosity response of the formulation while also stabilizing the foam. **Mackamide CMA** has very low residual free amine and is a suitable replacement for diethanolamides.

Specifications

Appearance @ 25 Deg C	Waxy Flake
Infrared Spectrum	Matches Standard
pH (1% Solution)	9.0 – 11.0
Melting Point, Fisher Johns, Deg C	61.0 – 64.0
Gardner Color @ 70 Deg C	3 Max
Acid Value	2.0 Max
Ester, %	15.0 Max
Monoethanolamine, %	1.5 Max
pH (10% Aqueous)	9.0 – 11.0
Free Fatty Acid, (MW 200), %	2.0 Max
Glycerine, %	7.0 – 12.5

Typical Properties

Specific Gravity, @ 60°C	0.97
Total Plate Count (CFU/g)	<10
Gram Negative Bacteria	Absent
Ester, CTFA	<3
Melt Point, °C	61 - 64

Principal Uses

Personal Care

Shampoos	2% - 4%
Body Wash	1% - 4%
Skin Cleansers	0.5% - 2%
Bubble Bath	1% - 2%

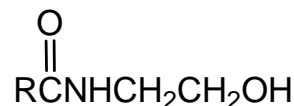
Industrial

Dish Wash	4% - 6%
Dishwash Blocks	8% - 10%
Drop-In Toilet Bowl Blocks	8% - 12%
Powder Detergents	8% - 12%

Shelf Life

Shelf life 48 months from date of manufacture.

Chemical Structure



Where R= Coconut Distribution

Regulatory

Mackamide CMA

TSCA: Listed	Japan: Listed
EU: Listed	Korea: Listed
Australia: Listed	New Zea: Listed
Canada: Listed	Philipp: Listed
China: Listed	Swiss: Unknown

Storage and Handling

Mackamide CMA should be stored in sealed containers below 30°C in a dry place out of direct sunlight. Handle between 25°C – 35°C. **Mackamide CMA** will require heat to incorporate, 75°C until dissolved is recommended. Avoid prolonged exposure to heating as this may lead to degradation.

Packaging

Available in bulk, 25 kilogram bags, 50 pound bags, 100 kilogram drums, 200 pound fiber drums, 220 pound fiber drums, 1102 pound Supersacks, and 1200 pound Supersacks.

WARNING

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