

Mackamide[®] LMA MB

INCI: Lauramide MEA

Product description

Mackamide LMA MB is a 1:1 pure lauric (>95%) monoethanolamide, which is designed for use in household and cosmetic preparations. Mackamide LMA MB is an excellent viscosity builder and foam stabilizer. Mackamide LMA MB has very low residual free amine and ester. It is a suitable replacement for diethanolamides. This grade is glycerin free.

Principle uses

Personal care

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

Industrial, Home & Hygiene

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

Specifications

<u>Test</u>	<u>Result</u>	<u>Method</u>
Appearance @ 25°C	Waxy flake	100C
pH (1% Solution)	9.0 – 11.0	146B
Infrared Spectrum	Matches Standard	542A
Acid Value, MG KOH/G	2.0 Max	200A
Monoethanolamine, %	1.8 Max	274C
Color Gardner	4 Max	104A

Typical properties

Specific Gravity @ 25°C (as flake)	0.6
Total Microbial Plate Count (CFU/g)	<10
Gram Negative Bacteria	Absent

Ester, CTFA	<1
Melt Point, °C	79 – 84
Preservative	None

Storage and handling

Mackamide LMA MB should be stored in sealed containers below 30°C in a dry place out of direct sunlight. Handle between 25°C – 35°C.

Formulation tips

- Add in the beginning of process with heat stable ingredients.
- Request heating to 85°C to incorporate.
- Mix until dissolved before cooling or molding.
- Compatible with anionic, cationic, amphoteric, and nonionic surfactants

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