



MACKAMIDE® L-10

INCI Name: Lauramide DEA

CAS No.: 68603-42-9

EINECS: 271-657-0

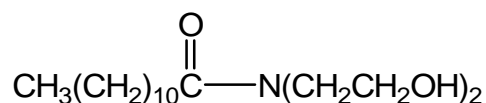
Product Description

Mackamide L-10 is a liquid lauramide DEA. It has excellent foam stabilization and viscosity improvement properties. **Mackamide L-10** is designed to replace the solid lauric-myristic diethanolamides. Its liquid form makes it ideal for production by eliminating the necessity of melting prior to use. *This grade provides improved foam height and stability for anionic systems.*

Specifications

Appearance @ 25 Deg C	Clear Liquid
Amine Number	45.0 – 60.0
Specific Gravity @ 25 Deg C	0.980 – 1.020
Infrared Spectrum	Matches Standard
Color Gardner	3 Max
Free Fatty Acid, (MW 200), %	0.50 Max
Ester, %	6.0 Max
DEA, % (MW 105)	9.5 – 10.7
Moisture (Karl Fisher), %	0.50 Max
pH (10% Aqueous)	10.0 – 11.0

Chemical Structure



Typical Properties

Total Plate Count (CFU/g)	< 10
Acid Value	3.0 Max

Regulatory

Mackamide L-10

TSCA:	Listed	Japan:	Not Listed
EU:	Listed	Korea:	Listed
Australia:	Listed	New Zea:	Not Listed
Canada:	Listed	Philipp:	Not Listed
China:	Listed	Swiss:	Unknown

Principal Uses

Personal Care

Shampoo	1% - 3%
Hand Soap	1% - 3%
Body Wash	2% - 5%
Foam Booster/Stabilizer	1% - 10%

Institutional & Industrial

Liquid Dishwash	5% - 10%
Emulsifier	20% - 30%

Storage and Handling

Mackamide L-10 should be stored in sealed containers below 30°C in a dry place out of direct sunlight. This product may solidify under prolonged storage in cold temperatures. If material becomes solid, gently heat to 35°C and mix before use. Avoid prolonged exposure to heating as this may lead to degradation.

Shelf Life

Shelf life 24 months from date of manufacture.

Packaging

Available in bulk, 450 pound drums, and 2050 pound totes.

WARNING

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