



MACKAMINE[®] LO

INCI Name: Lauramine Oxide

CAS No.: 1643-20-5

EINECS: 216-700-6

Product Description

Mackamine LO is a pure lauramine oxide that provides excellent foam boosting and foam stability. It is compatible with most surfactants and because there are no amide or ester groups, **Mackamine LO** will not hydrolyze in acid systems. It is also stable in highly alkaline products.

Specifications

Appearance @ 25 Deg C	Clear Liquid
Color Gardner	1 Max
pH (As Is @ 25 Deg C)	6.5 – 8.5
Infrared Spectrum	Matches Standard
Hydrogen Peroxide, %	0.20 Max
Free Amine, % (MW = 217)	1.0 Max
Amine Oxide, % (MW = 233)	29.0 – 31.0
Alkyl, % C-12	95.0 – 100.0
Total Plate Count, CFU/G	10.0 Max
Pathogenic Organisms/ML	Absent

Typical Properties

Specific Gravity @ 25°C	0.96
Surface Tension, dynes/cm	33

0.5% Active @ 25°C

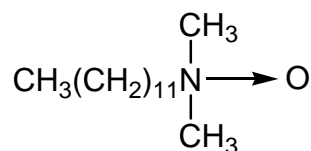
Principal Uses

Dilutable Bleach/Alkaline Cleaner	5% - 10%
Acid Cleaner	5% - 10%
Dilutable Glass Cleaner	5% - 7%
Grill Cleaner	9% -12%
Light Duty Liquid Dishwash	12% - 15%
Shampoos	5% - 10%
Skin Cleansers	5% - 10%

Shelf Life

Shelf life 24 months from date of manufacture.
Retest color every 3 months.

Chemical Structure



Regulatory

Mackamine LO

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

Storage and Handling

Mackamine LO should be stored in sealed containers below 30°C in a dry place out of direct sunlight. If material becomes hazy after exposure to cold gently heat to 35°C and mix before use. Handle between 25°C – 35°C. Avoid prolonged exposure to heating as this may lead to degradation.

Packaging

Available in bulk, 440 pound plastic drums, 2100 pound totes, and 2200 pound totes.

WARNING

The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, notably as regards infringement of or prejudice to third parties through the use of our products.

RHODIA GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS.

This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations. Users are requested to check that they are in possession of the latest version of the present document and RHODIA is at their disposal to supply any additional information.