



# MACKAMINE<sup>®</sup> LO-SP

INCI Name: Lauramine Oxide

CAS No.: 1643-20-5

EINECS: 216-700-6

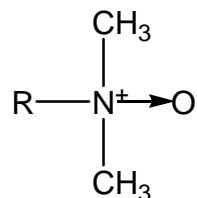
## Product Description

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

## Specifications

Appearance @ 25 Deg C	Clear Liquid
Free Amine, % (MW 235)	1.0 Max
Hydrogen Peroxide, %	0.20 Max
pH (10% Aqueous)	7.0 – 9.0
Color Gardner	1 Max
Amine Oxide, % (MW 251)	29.0 – 31.0
Infrared Spectrum	Matches Standard

## INCI List of Ingredients



Where R = C10, C12, C14, C16

## Typical Properties

Specific Gravity @ 25°C	0.96
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## Regulatory

### Mackamine LO-SP

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

## Principal Uses

Bleach Cleaners	1% - 5%
Alkaline/Acid Cleaners	1% - 5%
Liquid Dishwash	5% - 10%
Shampoos	5% - 10%
Skin Cleansers	5% - 10%

## Storage and Handling

**Mackamine LO-SP** 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.

## Shelf Life

Shelf life 12 months from date of manufacture. Stock should be checked every 6 months for darkening.

## Packaging

Available in bulk, 40 pound pails, 440 pound plastic drums, and 2200 pound totes.

### WARNING

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