

# MACKALENE<sup>®</sup> 426-100

INCI Name: Isostearamidopropyl Morpholine Lactate



CAS No.: 72300-24-4

EINECS: Not Listed

## Product Description

**Mackalene 426-100** is a high active cationic surfactant that is used primarily as a conditioner in hair care products. **Mackalene 426-100** has an advantage over quaternary ammonium cationics in that it rinses more readily from the hair and thereby prevents build-up or a "matted" feel. **Mackalene 426-100** is also compatible with anionic surfactants and is recommended as a conditioner in clear shampoo formulations. When properly formulated, it does not depress foam or lather. At an active level of 4%, **Mackalene 426-100** is non-irritating to the skin and eyes. **Mackalene 426-100** does not contain any preservatives.

## Specifications

Appearance @ 25 Deg C	Clear Liquid
Color Gardner	4 Max
Infrared Spectrum	Matches Standard
pH (1% Solution)	4.0 – 5.0
Moisture (Karl Fisher), %	3.0 Max
Active (100 - % Moisture), %	97.0 – 100.0
Total Plate Count, CFU/G	100 Max

## Typical Properties

Specific Gravity @ 25°C	1.00
Gram Negative Bacteria	Absent

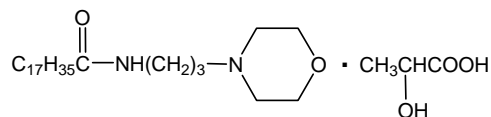
## Principal Uses

Hair Conditioners	1% - 3%
Conditioning Shampoos	0.5% - 2%
Body Washes	2% - 4%

## Shelf Life

Shelf life 24 months from date of manufacture.

## Chemical Structure



## Regulatory

### Mackalene 426-100

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

## Storage and Handling

**Mackalene 426-100** should be stored in sealed containers below 30°C in a dry place out of direct sunlight. Product may become hazy at cool temperatures but will clarify upon gentle warming.

## Packaging

Available in bulk, 450 pound plastic drums and 2200 pound totes.

### WARNING

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