



# MACKAMIDE® C

INCI Name: Cocamide DEA

CAS No.: 68603-42-9

EINECS: 271-657-0

## Product Description

**Mackamide C** is produced using the 1:1 reaction from a pure grade of coconut oil and contains a small amount of residual glycerin. **Mackamide C** is high active and readily biodegradable. It is liquid at room temperature and below, simplifying handling during manufacturing. **Mackamide C** has a low free diethanolamine content that meets the requirements of the European directive relating to residual diethanolamine in alkanolamides used in personal care products.

## Specifications

Appearance @ 25 Deg C	Clear Liquid
Diethanolamine, % No CAT No Soap	5.0 Max
Odor	Typical
Infrared Spectrum	Matches Standard
Ester, %	7.0 Max
pH (1% Solution)	9.7 – 11.0
Color Gardner	3 Max
Methanol, %	0.50 Max
DEA, % (MW 105)	6.5
Moisture (Karl Fisher), %	0.50 Max
Amide Content, %	82.0 Min
Acid Value	1.0 Max
Refractive Index @ 21.1C	1.4696 – 1.4816

## Typical Properties

Specific Gravity, @ 25°C	1.00
Refractive Index, @ 25°C	1.4749
Residual Glycerin %	9

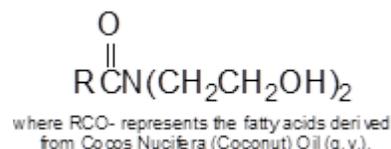
## Principal Uses

Shampoo	1% - 3%
Hand Soap	1% - 3%
Body Wash	2% - 5%
Foam Booster/Stabilizer	1% - 10%
Liquid Dishwash	5% - 10%
Emulsifier	20% - 30%

## Shelf Life

Shelf life 48 months from date of manufacture.

## Chemical Structure



## Regulatory

### Mackamide C

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

## Storage and Handling

**Mackamide C** 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 15°C – 90°C.

## Packaging

Available in Bulk, 450 pound plastic drums, 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.