

# MACKAMIDE<sup>®</sup> AME 75

TECHNICAL DATA SHEET NA 90059926 – JULY 2017

## IDENTIFICATION

INCI Name: ACETAMIDE MEA  
CAS Number: 142-26-7  
EC Number: 205-530-8

## SPECIFICATIONS

Appearance @ 25 Deg C  
Solids (Karl Fisher), %  
Infrared Spectrum  
Moisture (Karl Fisher), %  
Color Gardner  
pH (As Is @ 25 Deg C)  
Refractive Index @ 25 Deg C  
Acid Value, MG KOH/G  
Monoethanolamine, %

## RESULTS

Clear Liquid  
74.0 – 76.0  
Matches Standard  
24.0 – 26.0  
4 Max  
6.0 – 8.0  
1.438 – 1.441  
14.0 Max  
2.0 Max

## METHOD

100C  
142Z  
542A  
142A  
104A  
146A  
144A  
200A  
274C

## TYPICAL PROPERTIES

Specific Gravity, @ 25°C 1.10  
Total Plate Count (CFU/g) < 10  
Preservative None

## STANDARD APPLICATIONS

MACKAMIDE<sup>®</sup> AME 75 is a humectant that is used in skin and hair care formulations. It is similar to other molecules that comprise the Natural Moisturization Factor (NMF) found in human skin by having the ability to bind water in the stratum corneum. When formulated in leave on skin care Mackamide AME-75 increases the water holding capacity on the stratum corneum in the same way as NMF to allow for long lasting moisturizing effects. For shampoos, it will provide added moisture to improve the manageability of dry hair. It is compatible in anionic, nonionic, and cationic systems.

## PRINCIPAL USES

Skin Cleansers	2% - 4%	Skin Lotions	1% - 4%
Moisturizing Creams and Conditioners	1% - 3%	Hair Pomades	1% - 3%



For orders or questions, call us at the following numbers or visit us at [www.solvay.com](http://www.solvay.com)

North America  
1-888-776-7337

Europe – Middle East – Africa  
(33) 01 53 56 50 00

Asia - Pacific  
(65) 62 91 19 21

Latin America  
(55) 11 37 47 78 86

## STANDARD PACKAGING

MACKAMIDE® AME 75 is available in Bulk Quantities, 200 KG. Drums, and 450 LB. Closed Head Poly Drums. Alternative package sizes may be available upon request.

## SHELF LIFE

MACKAMIDE® AME 75 has a shelf life of 1460 days.

### 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. SOLVAY 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 authorisations. Users are requested to check that they are in possession of the latest version of the present document and SOLVAY is at their disposal to supply any additional information.



For orders or questions, call us at the following numbers or visit us at [www.solvay.com](http://www.solvay.com)

North America  
1-888-776-7337

Europe – Middle East – Africa  
(33) 01 53 56 50 00

Asia - Pacific  
(65) 62 91 19 21

Latin America  
(55) 11 37 47 78 86