

# MACKAMIDE<sup>®</sup> AME 100

TECHNICAL DATA SHEET NA 90059925 – JULY 2017

## IDENTIFICATION

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

## SPECIFICATIONS

Appearance @ 25 Deg C  
Color, APHA  
Monoethanolamine, %  
pH (10% Aqueous)  
Free Fatty Acid, % (MW = 60)  
Moisture (Karl Fisher), %  
Infrared Spectrum  
Refractive Index @ 25 Deg C

## RESULTS

Clear Liquid  
150 Max  
3.0 Max  
6.0 – 8.0  
2.0 Max  
4.0 Max  
Matches Standard  
1.469 – 1.475

## METHOD

100C  
116A  
274C  
146I  
200K  
142A  
542A  
144A

## TYPICAL PROPERTIES

Specific Gravity, @ 25°C 1.12

## STANDARD APPLICATIONS

MACKAMIDE<sup>®</sup> AME 100 is an excellent humectant and skin conditioner for use in non-oily skin care lotions. When incorporated in shampoos MACKAMIDE<sup>®</sup> AME 100 imparts conditioning properties of improved wet combability, enhancement of natural hair shine, manageability and "fly away" control. In lotion formulas MACKAMIDE<sup>®</sup> AME 100 imparts similar moisturization effects to the skin compared to glycerin without its characteristic tacky feel. When used in leave-on skin care, MACKAMIDE<sup>®</sup> AME 100 increases the water holding capacity on the stratum corneum overtime for long lasting moisturizing effects.

## PRINCIPAL USES

Conditioning Shampoos  
Non-Oily Skin Lotions  
Moisturizing Conditioners

Moisturizing Body Wash  
Skin Cleansers

## STANDARD PACKAGING

MACKAMIDE<sup>®</sup> AME 100 is available in Bulk Quantities, and 450 LB. Closed Head Poly Drums. Alternative package sizes may be available upon request.

## SHELF LIFE

MACKAMIDE<sup>®</sup> AME 100 has a shelf life of 1460 days.

### WARNING

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