

Fil-Amide 300/301 Coco Monoethanolamide

DESCRIPTION

Cocomonoethanolamide (CMEA) is a non-ionic surfactant derived from highly refined coconut oil. It is used as a foam booster and foam stabilizer in soaps, detergents, and shampoos.

APPLICATIONS

CMEA increases viscosity of liquid or paste-like shampoo and detergent preparations. It is excellent in boosting detergency and foaming properties of detergents of all kinds especially those based on fatty alcohol sulphonates. It can also be used as an active skin protection in technical rinses, barrier creams and hand-cleaning pastes.

FEATURES AND BENEFITS

- High active content and highly compatible with fatty alcohol sulphonates
- Built-in emollient character for smoother skin feeling
- Superior foaming and viscosity strength for better cleaning action

- Light color and low odor adding aesthetic appeal to end use
- Free of allergens and non-GMO

PACKAGING

It can be purchased in 20-25 kgs sacks. Special packing can be arranged.

USAGE

Recommended to be used at level of 1-5%. Formulators may vary amount depending on its end applications.

RECOMMENDED STORAGE

This product will remain stable for 12 months from date of production provided that it is stored at ambient conditions away from moisture and direct sunlight. For stored products beyond 1 year, consult Chemrez Technologies Inc. for recommendation of use.

MATERIAL SAFETY HANDLING INFORMATION

Avoid skin and eye contact. Wear appropriate protective equipments and clothing such as gloves, goggles and apron. Keep away from heat.

“Chemrez has Material Safety Data Sheets (MSDS) for each products. The MSDS contain relevant information needed to safeguard your employees from any known safety and health hazard related with our products. Chemrez provides you MSDS for all the products you evaluate or buy. It is also necessary that you get copies of the MSDS of the other raw materials recommended in our technical bulletins from the suppliers. Your employees should have ready access to and to be trained well on the proper use of MSDS”

TECHNICAL SPECIFICATIONS

Properties	Method	Fil-Amide 300	Fil-Amide 301
Appearance	Visual	Cream, free flowing granules	Cream, free flowing granules
Odor	-	Light	Light
Color Gardner	In-House	4 max	4 max
Free Fatty Acid, % (C ₁₂)	AOCS Cd 3d-63	0.5 max	0.5 max
Free MEA, %	AOCS Tf 2a-64	2.0 max	2.0 max
Alkanolamide Content, %	In-House	95.0 min	85.0 min
Moisture Content, %	KF Method	1 max	1 max
Melting Point, °C	AOCS Cc 1-25	65 - 67	61 - 64
pH @ 1% Aqueous Solution	AOCS G7-56	9 - 11	8 - 10
Carbon Chain Distribution	AOCS Ce 2-66		
C ₈		0.20 - 1.00	
C ₁₀		5.00 - 10.00	
C ₁₂		5.00 - 8.00	
C ₁₄		45.00 - 55.00	
C ₁₆		14.00 - 22.00	
C ₁₈		7.00 - 10.00	
C ₁₈		1.00 - 4.00	
C _{18:1}		3.00 - 9.00	
C _{18:2}		0.05 - 3.00	
C _{18:3}		0.00 - 1.00	

DISCLAIMER

"It is in good faith that we offer suggestions on the use of our products and these are based on knowledge we believe are correct and dependable. However, these suggestions are with no guarantee as process and conditions in the use of our products may vary and are beyond our control. We strongly recommend that users of our products verify the appropriateness of our suggestions before using them on a commercial scale".

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