



Technical Data Sheet

Coconut Fatty Acid Diethanol Amide

Chemical Formula	:	-
Molecular Weight	:	280 - 290 g/mol
EC No.	:	271-657-0
CAS No.	:	68603-42-9

General information:

Cocamide DEA, also known as cocamide diethanolamine, is a diethanolamide made by reacting a mixture of fatty acids from coconut oils with diethanolamine. It appears as a yellowish to yellow viscous liquid and serves various purposes:

Foaming agent:

- Cocamide DEA is commonly used as a foaming agent in bath products such as shampoos and hand soaps.
- When mixed with water, it creates a rich lather, enhancing the cleansing experience.

Emulsifying agent:

- In cosmetics, it acts as an emulsifying agent.
- It helps stabilize formulations by ensuring that oil and water-based ingredients mix uniformly.

Specification:

Appearance	Colourless clear transparent liquid
Purity (%)	99.0 min
Water (%)	1.0 max
Pure MEA+TEA content (%)	0.5 max
Chromaticity (Platinum - Cobalt)	25 max.
Relative density	1.095 at 20/30 °C
Refractive index	1.4776 at 20 °C
Viscosity	351.9 mPas at 30 °C
Melting point	28 °C
Boiling point	269.1 °C
Flash point	137 °C

Expiration date:

Cocamide DEA, commonly used in cosmetics and personal care products, does not have a specific expiration date. However, its quality and effectiveness can be influenced by storage conditions.



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Transportation and Storage:

Cocamide DEA is not classified as dangerous for transportation.

It can be transported following standard local authority regulations.

Ensure proper packaging and handling during transit to prevent spillage or damage.

Safe Storage: Store Cocamide DEA in a dry, cool, and well-ventilated area away from direct sunlight.

Avoid Moisture: Prevent exposure to excessive moisture, as it can affect its properties.

Stacking: If stored in bulk, stack bags or containers properly to prevent collapse or damage.

Labeling: Clearly label storage areas to identify the material and its intended use.

Remember, proper handling, labeling, and storage practices are essential to maintain the quality and effectiveness of Cocamide DEA!

Important:

For a better suitability of the product for your particular purpose, tests are recommended prior product use. You are advised to make your own determination as to safety, appropriate manner of handling, storage, use and disposal. All the information contained in this product technical sheet is offered for your consideration, investigation and verification. The data is presented in good faith and is believed to be reliable. You should not consider the descriptions, information, data or design as a part of our terms and conditions of sale. We expressly disclaim responsibility or liability for any loss, damage or expense arising out of reliance on the information provided herein.