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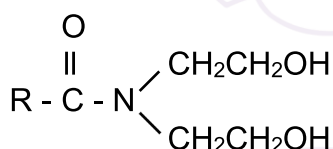
## Technical Data Sheet

### AMIDET® B-112

The corresponding product is also available in compliance to RSPO rules. In this case the product name is followed by the suffix "MB", which can be found in related order documents, e.g. invoices and/or delivery notes. All these documents also include our RSPO certification number: CU-RSPO SCC-819585

- Non-Ionic surfactant
- Vegetable origin
- Thickening and foaming properties

#### CHEMICAL IDENTIFICATION



R-CO = from Coconut oil

INCI Name: Cocamide DEA  
EU CAS Number: 68603-42-9  
US CAS Number: 68603-42-9

#### TECHNICAL SPECIFICATION

		Kao Method
APPEARANCE (20°C):	Yellowish Viscous Liquid	KCSA-258
ODOUR:	Characteristic	KCSA-267
COLOUR (Gardner):	Max. 4.0	KCSA-222
FREE DIETHANOLAMINE (% Ew = 105):	Max. 5.0	KCSA-129
FREE ESTER (% Ew = 212.3):	Max. 6.0	KCSA-099



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## TYPICAL PROPERTIES

DENSITY (20°C, g/mL, "spot"):	0.994
pH (2% in water):	9 - 11
VISCOSITY (20°C, cP):	Max. 1,000
MELTING POINT (°C):	< 15
CHARACTER:	Non-Ionic

## APPLICATION PROPERTIES

- AMIDET® B-112 is a non-ionic surfactant, liquid form, used as thickener in personal care and household formulations.
- AMIDET® B-112 is soluble in anionic surfactant mixtures. The use of AMIDET® B-112 allows reducing the quantity of NaCl necessary in the final formula to achieve desired viscosity. Therefore cloud point by cold of these final products is better (more stable products at low temperature).
- AMIDET® B-112 also performs as re-fatting agent on the skin and hair, controlling strong degreasing effect of the anionic surfactants on the skin.
- AMIDET® B-112 acts also as foam booster, improving quality (creaminess) of the foam.
- In some formulations it also performs as extracts or fragrances solubilizer, having emulsifying properties.

## STORAGE AND HANDLING

- AMIDET® B-112 is chemically stable for a long period of time under appropriate storage conditions (temperature of 25°C and original unopened container).
- If stored for a long period of time, it is advisable to homogenize the product before use, especially if it has been subjected to low temperatures. Small changes in the appearance can be easily recovered by applying a moderate agitation at 30°C. A general recommendation is to use the full container every time.
- The shelf life of AMIDET® B-112 can be considered of 2 years minimum under proper storage conditions. After longer storage time some of its characterising parameters (*odour, appearance, colour, pH...*) should be checked before using it.

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.