



# Kao Corporation, S.A.

Member of Kao Chemicals Europe

Puig dels Tudons, 10 -E-08210- Barberà del Vallès

Phone : +34-93-7399300

e-mail : marketing@kao.es

Fax : +34-93-7399377

Web : www.kaochemicals-eu.com



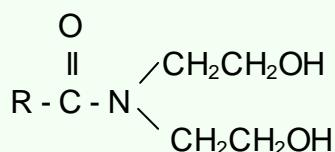
**APROVADO**

Dep. Qualidade

## AMIDET<sup>®</sup> B-112

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

### CHEMICAL IDENTIFICATION



R-CO = from Coconut oil

INCI Name : Cocamide DEA

CAS Number : 68603 – 42 – 9

### TECHNICAL SPECIFICATIONS

		Kao Method
APPEARANCE (20°C) :	Yellowish Viscous Liquid	KCSA-258
ODOUR :	Characteristics	KCSA-267
COLOUR (Gardner) :	4 max.	KCSA-222
FREE DIETHANOLAMINE (Ew=105) :	5 max.	KCSA-129
FREE ESTER (Ew=212.3) :	6.0 max.	KCSA-099

## AMIDET<sup>®</sup> B-112

### TYPICAL CHARACTERISTICS

DENSITY (20°C, g/ mL, "spot") :	1.01 approx.
pH (as it is) :	9 - 11
VISCOSITY BROOKFIELD (20°C, cPs) :	1000 max.
MELTING POINT (°C) :	10 approx.
CHARACTER :	Non – Ionic

### APPLICATION PROPERTIES

- AMIDET<sup>®</sup> B-112 is a non-ionic surfactant, liquid form, used as thickener in personal care and household formulations.
- AMIDET<sup>®</sup> B-112 is soluble in anionic surfactant mixtures. The use of AMIDET<sup>®</sup> B-112 allows to reduce 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<sup>®</sup> 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<sup>®</sup> 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 – HANDLING – SHELF LIFE

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

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