



# MACKAM<sup>®</sup> BAB

INCI Name: Babassuamidopropyl Betaine

CAS No.: 147170-44-3

## Product Description

**Mackam BAB** is a mild amphoteric surfactant that is derived from babassu oil that is grown organically in the Amazon basin of Brazil. It is stable over a wide pH range and it is compatible with anionic, nonionic and cationic surfactants. **Mackam BAB** is a good foamer and it both increases and stabilizes the foam generated by anionic surfactants. Additionally **Mackam BAB** is an effective viscosity builder when formulated into most personal cleansing products.

## Specifications

Appearance @ 25 Deg C	Clear Liquid
Solids (Moisture Balance), %	34.0 – 36.0
Color Gardner	5 Max
pH (10% Aqueous)	5.5 – 7.5
Sodium Chloride, %	4.5 – 6.0
Infrared Spectrum	Matches Standard
Total Plate Count, CFU/G	10 Max
Yeast and Molds	10 Max
Pathogenic Organism, ml	Absent

## Typical Properties

Specific Gravity @ 25°C	1.05
Gram Negative Bacteria	Absent

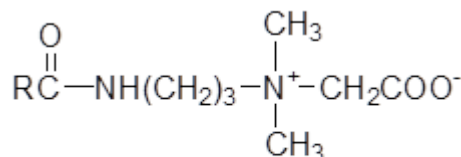
## Principal Uses

Shampoo/Hand Soap	5% - 10%
Herbal/Natural Formulas	5% - 15%
Bubble Baths	10% - 15%

## Shelf Life

Shelf life 24 months from date of manufacture.

## Chemical Structure



Where RCO- represents the fatty acids derived from *Orbignya oleifera* (babassu) oil

## Regulatory

### Mackam BAB

TSCA:	Listed	Japan:	Not Listed
EU:	Not Listed	Korea:	Not Listed
Australia:	Not Listed	New Zea:	Not Listed
Canada:	Exempt	Philipp:	Listed
China:	Listed	Swiss:	Unknown

## Storage and Handling

**Mackam BAB** should be stored in sealed containers below 30°C in a dry place out of direct sunlight. If material becomes hazy after exposure to cold gently heat to 35°C and mix before use. Handle between 25°C – 35°C. Avoid prolonged exposure to heating as this may lead to degradation.

## Packaging

Available in bulk, 450 pound plastic drums, and 2200 pound totes.

### WARNING

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