

# Chembetaine™ ACB Surfactant

## CTFA/INCI Designation

Coco-Betaine

## Product Description

**Chembetaine™ ACB surfactant** is a bio-based amphoteric surfactant compatible with anionic, cationic and nonionic surfactants.

## Typical Properties

Physical properties are listed below and indicate typical values and properties; they are not intended to be used as product specifications.

Appearance at 25°C:	Clear liquid
Total solids, wt%:	43
Actives, wt%:	34
Specific Gravity, (25°C):	1.040
Density, lbs/gal:	8.67

## Features and Benefits

- High vegetable content
- Free from animal derivatives
- Foam booster
- Reduces irritation when formulated with anionic surfactants
- Compatible with anionic, nonionic and amphoteric surfactants
- Lime soap dispersant

## Suggestions for Use

**Chembetaine ACB surfactant** is an excellent choice for viscosity building and foam boosting in personal care cleansing formulations with high vegetable content. Hard water tolerance permits equally good foaming in hard and soft water.

**Chembetaine ACB surfactant** is stable in high-electrolyte solutions and will help solubilize other surfactants into these systems. Also stable in acidic and alkaline conditions, it functions as a cationic in acid media and as an anionic in alkaline media.

Recommended use levels range from 5-10% in a variety of personal care products.

## Storage and Handling

**Chembetaine ACB surfactant** is packed in 450 lb drums. Material should be stored in closed containers and protected from extreme temperatures. Material should be stored between 45° and 120°F.

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