



TECHNICAL DATA SHEET

**Product Name:** Cocamidopropyl Betaine

**Synonyms:** CAPB

**Grade:** Cosmetic Grade

**INCI Name:** Cocamidopropyl Betaine

**CAS No.:** 61789-40-0

**Appearance:** Clear to slightly yellow transparent liquid

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**Product Description**

Cocamidopropyl Betaine (CAPB) is a mild amphoteric surfactant derived from natural coconut oil. It offers excellent foaming, foam stabilization, detergency, thickening and conditioning properties. CAPB is compatible with anionic, cationic and nonionic surfactants and is widely used in personal care and household cleaning formulations.

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**Typical Specifications**

<b>Item</b>	<b>Specification</b>
Appearance	Clear to slightly yellow transparent liquid, free of foreign matter
Odor	Slight fatty amide odor
Color (Gardner)	≤1
pH (10% Aqueous Solution, 25°C)	5.0–7.0
Solid Content	34.0–38.0%
Active Substance	28.0–32.0%
Sodium Chloride	4.0–6.0%
Free Amidoamine	≤0.5%
Monochloroacetic Acid	≤20 mg/kg
Glycolic Acid	≤0.5%

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## Product Features

- Mild amphoteric surfactant
  - Excellent foaming and foam stabilization
  - Reduces irritation of anionic surfactants
  - Improves viscosity in formulations
  - Good detergency and wetting ability
  - Excellent compatibility with anionic, cationic and nonionic surfactants
  - Biodegradable
  - Suitable for sulfate-containing and sulfate-free systems
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## Applications

- Shampoo
  - Body Wash
  - Facial Cleanser
  - Hand Soap
  - Bubble Bath
  - Baby Care Products
  - Pet Shampoo
  - Dishwashing Liquid
  - Household Cleaners
  - Industrial Cleaning Formulations
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## Recommended Dosage

<b>Application</b>	<b>Recommended Dosage</b>
Shampoo	3–10%
Body Wash	3–8%
Facial Cleanser	2–8%
Hand Soap	2–8%
Dishwashing Liquid	5–15%
Household Cleaner	2–10%

*Actual dosage should be adjusted according to the formulation.*

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## **Storage**

Store in the original tightly closed container in a cool, dry and well-ventilated place.

Protect from direct sunlight, excessive pressure and freezing.

**Recommended storage temperature:** 5–35°C.

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## **Shelf Life**

**12 months** when stored under recommended conditions in the original unopened packaging.

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## **Packaging**

Typical packaging options include:

- 25 kg net weight per fiber drum or paper bag, inner with PE liner
- 200 kg Plastic Drum
- 1000 kg IBC Tank

Customized packaging is available upon request.

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## **Safety Information**

Refer to the Safety Data Sheet (SDS) before handling this product.