

Technical Data Sheet

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Item Name:

CAB 45%

PRODUCT INFORMATION

Chinese Name:	椰油酰胺丙基甜菜碱
Commodity Name:	CAB 45%
Chemical Name:	Cocamidopropyl Betaine
Other Name:	Lauroamide Propyl Betaine, Cocoanut Amide Propyl Betaine, CAPB, Cocoamidopropyl Dimethyl Betaine
CAS No.:	61789-40-0
Molecular Weight:	342.52
Molecular Formula:	$\text{RCONH}(\text{CH}_2)_\text{N}, (\text{CH}_3)_2\text{CH}_2\text{COO}$

PRODUCT DESCRIPTION

Excellent foaming property and remarkable thickening property, and excellent stability under acidic and alkaline conditions. Low irritation.

Be compatibility with other surfactants and improve the softness, conditioning, stability functions.

Good anti-hard water, anti-static and biodegradable performance.

TECHNICAL SPECIFICATION

Index	Standard
Appearance (25°C)	Colorless to pale yellow, trans-parent liquid
Color (Hazen)	150 max
pH value (5% solution)	4.0 - 7.0
Sodium chloride by wt %	5.8 - 7.3
Solid content by wt %	44.0 - 46.0
Active matter by wt %	36.0 - 39.0
Free amine by wt %	0.3 max

MAIN APPLICATION

It is widely used in the preparation of shampoos, shower gels, hand soaps, facial cleansers, toothpaste, children's cleansers, etc. It can also be used as fiber and fabric softeners.

The recommended dosage is: 2.0~12.0%.

PACKING, LOADING AND SHELF LIFE

Packing: 200kg plastic drum

Loading: 80 drums (16mt) /20'fcl

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.