

Technical Data Sheet

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Item Name:

CDEA

PRODUCT INFORMATION

Chinese Name:	椰子油脂肪酸二乙醇酰胺
Commodity Name:	CDEA
Chemical Name:	Coconut Diethanol Amide
Other Name:	Cocofatty Acid Diethanol Amide
CAS No.:	68603-42-9
Molecular Weight:	287.16
Molecular Formula:	R-CON(C ₂ H ₄ OH) ₂ (R:coco group)

PRODUCT DESCRIPTION

Non-ionic surfactant, no cloud point, easy to dissolve in water; Good foaming, infiltration decontamination, anti hard water effect; Good thickening effect; Compatible with various surfactant to improve the cleaning effect; Less irritating, easy to biodegrade.

TECHNICAL SPECIFICATION

Index	78% (with glycerin 1:1)	90% (no glycerin)
Appearance (25°C)	Yellowish transparent liquid	
Active matter by wt %	77~81	90~93
pH (1% Ethanol Aqueous sol.)	9.0~11	9.0~11
Color (Hazen)	500 max	350 max
Glycerin content by wt %	10 max	0
Amine value (mgKOH/g)	30 max	30 max
Ester (Free oil) by wt %	8.0 max	1.0 max
Moisture by wt %	0.5 max	0.5 max

MAIN APPLICATION

Shampoo & personal care; Liquid detergent & etc.

Main Functions: Foaming agent; Foaming stabilizer; Thickener.

Suggested Dosage: 1.0~5.0%

PACKING, LOADING AND SHELF LIFE

Packing: 200kg drums, 1000kg IBC

Loading: 16m/20'fcl for drums, 20mt/20'fcl for IBC

Shelf Life: 12 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.