

Product Information

www.polymett.com

General Description

CAS No. 68603-42-9

Coconut diethanolamide (RCON(C₂H₄OH)₂ INCI name Cocamide DEA also named Coco fatty acid, coconut oil amide manufactured by reaction of refined coconut oil with high quality diethanolamine in a molecular ratio of 1: 1.

Main Applications

It is well suited as a foam stabiliser in all types of detergents. One of its most important application is to increase the viscosity of liquid preparations based on ether sulfate. Its skin compatibility makes it an important constituent of shampoos and cosmetics. Even small quantities combat excessive degreasing of the skin and as a result all high quality shampoos and cosmetic preparations contain fatty acid diethanolamide. The proportion of CDEA in cosmetic preparations varies between 1 and 6%. In liquid detergents the proportions can be as high as 10%. It is easily mixed - either without heating or slightly heated. It is not fully soluble, but is readily dispersible in water.

Packaging

In Net weight 200kg plastic drum or as required.

Technical Data Sheet

Parameter	Grade	
Item	Index	Typical Result
Appearance (25 centidegree)	yellow liquid	yellow liquid
Amide content %≥	85+/-2	84
PH value (1% solu)	8.5-10.5	9.8
Amine value, mgKOH/g	35 Max	26.5
Free DEA	6% Max	4.5%
Acid value	/	1.6
Color, Hazen	500 Max	400

Series no.:
Data Updated:

PCL2011-68603429
JULY 1, 2011

POLYMET



Gold Supplier

IMPORTANT! Although POLYMET believes that the information contained herein is accurate as of date hereof, POLYMET makes neither warranty nor guarantee, expressed or implied, that the result described herein will be obtained under end-use conditions. Each user bears full responsibilities for making its own determination and must identify and perform all tests and analyses necessary to assure that its finished parts incorporating POLYMET material or products will be safe and suitable for use under end-use conditions. Keep the directions and advices contained in MSDS (Material Safety Data Sheet) when handling the product and work out proper safety countermeasures. The substance described in MSDS is intended for general condition and each user must work out additional safety countermeasures when mixing with other products or using in special condition. POLYMET reserves the right to make any amendment without prior notice.