

## EMPILAN 2502

EMPILAN<sup>®</sup> 2502 is a coconut diethanolamide produced by the direct amidation of coconut oil.

### Characteristics

#### EMPILAN 2502

*Specification :*

Appearance at 25°C	Viscous liquid
Water content	0.5 % max.
Free amine (MMW 105)	5.0% max.
Ester content *	6.0% max
Free Alkalinity *	2.0 mg KOH /g max

*Other properties :*

Colour	Yellow
Odour	Faint, characteristic
Density at 20°C	1.0 g/cm <sup>3</sup>
Glycerol content	9.5%

\* Not necessarily quoted on CoA for every batch

*Analytical methods are available on request*

### Applications

EMPILAN 2502 is a very good foam-boosting/stabilising agent when used in conjunction with lauryl sulphates and lauryl ether sulphates in liquid formulations. Some examples of these are :

- shampoo formulations
- bath formulations
- detergent formulations

It also improves the texture of the foam. The use of this product provides an efficient means of increasing the viscosity of liquid formulations. EMPILAN 2502 can be used as solubiliser for perfumes and essential oils in cosmetic formulations.

## Storage & Handling

The recommended storage temperature is between 10°C and 40°C. Avoid prolonged heating above 40°C as colour deterioration may occur.

Specific information on the safe handling and storage of this product is given in the corresponding Material Safety Data Sheet.

## Standard Pack Sizes

The product can be delivered in bulk road tankers of upto 23 tonnes nett, although smaller road tanker deliveries may be available upon request.

The product may also be available in 1 tonne semi bulk containers; open top plastic drums of approximately 220 kilos nett and bung type plastic drums of approximately 210 kilos nett. Smaller pack sizes may be available upon request.

## Preservation

This product does not contain a preservative as it is relatively resistant to microbial contamination. When it is diluted or incorporated into a formulation we recommend the addition of a preservative approved by the appropriate legislation.

**CAS N° : 8051 - 30 - 7**

**E.I.N.E.C.S. N° : 232 483 0**

**INCI Name : Cocamide DEA**

*Our Technical Department is available to discuss and give guidance on any particular aspect concerning the use of this product.*

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EMPILAN

is a registered trade name.

The information contained in this document is to the best of Huntsman's knowledge and belief correct based on general industrial experience. Huntsman's Technical Services will be pleased to give further advice and assistance but customers must satisfy themselves (by appropriate testing if necessary) that the product is suitable for their purposes and conditions of use. Accordingly Huntsman disclaims any liability for loss, injury or damage which may result from the use of the product, the information contained in this brochure or from such advice and assistance save as may be expressly agreed under its terms of sale. Customers should satisfy themselves that their facilities and arrangements are suitable for handling or using the product and take account of the product label and any associated material safety data sheet. Customers are also reminded that there may be uses or applications for the product which are protected by Huntsman's or third parties' patent rights and nothing herein may be construed as an authority or encouragement to use or apply the product in contravention of such rights.