



Address

Producer / Supplier

Cognis GmbH
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General characterisation

Chemical description

Fatty Acid Diethanolamide

C-chain distribution fatty acid

C12	52,00 - 60,00 %
C14	19,00 - 23,00 %
C16	8,00 - 11,00 %
C18	2,00 - 4,00 %
>C18	6,00 - 10,00 %

Mol weight

310 g/mol

Raw material basis

vegetable	(coconut/palm kernel oil)
petrochemical	(diethanol amide)

Labeling information

INCI name(s)

Cocamide DEA

Composition hints for finished product label

Cocamide DEA

Ingredient information

Ingredient	CASR-No.	EINECS/ELINCS-No.
Cocamide DEA	68155-06-6 (AICS: 68155-05-5)	268-934-3

Officially listed in / Quality conforms to

Bra Miljöval: approved for use in products eco-labelled "Good Environmental Choice" (in Swedish: Bra Miljöval) by the Swedish Society for Nature Conservation

Manufacturing procedure

fatty acid methylester and diethanolamine are transesterified at increased temperature by use of a suitable catalyst

Product properties

Appearance

COMPERLAN® KD is a yellow liquid-solid product with a typical inherent odour.

Example of use

Owing to its viscosity-increasing properties, COMPERLAN® KD is used as a thickener in surfactant preparations.

Solubility according to Ph. EUR.

Ethylether Solubility:	slightly soluble
Chloroform Solubility:	very soluble
Petrolether Solubility:	very soluble
Ethylalcohol Solubility:	very soluble
Paraffinoil Solubility:	practically insoluble
Water Solubility:	practically insoluble

Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

Quality control data

(Data which is used for quality release and is certified for each batch.)

Odor evaluation versus standard	corresponds to the standard	
Visual appearance versus standard	corresponds to the standard	
Amine (MW 105 g/mol)	<= 5 %	DGF H-VI 4B
Free fatty acid (MW 230 g/mol)	<= 1 %	DGF H-VI 4A
Water	<= 0,5 %	ISO 4317
Amide	>= 90 %	DGF H-VI 4
Ester	<= 6 %	Cognis Method 113302

Additional product descriptive data

(Data which is proven statistically but not determined regularly.)

pH value (1 %)	9 - 11	ISO 4316
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Stabilising additives / Auxiliaries

(type and concentration)

Preservatives

not present

Antioxidants

not present

Solvents

Refer to Residual solvents statement.

Others

not present

Storage and transportation

Shelf life

24 months

Storage temperature

< + 30 °C

Storage conditions

In original sealed containers and protected from moisture.

Additional information

During storage, the product may develop a pasty-like consistency which is reversible through heating.

Rev. 8.1

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