

ALVOL AKD

TECHNICAL DATA SHEET TL 062/2001

Date of issue: 5.8.2002

Date of revision: 3.7.2025

Product characteristics

ALVOL AKD is diethanolamide of coconut oil acids (COCAMIDE DEA).

Use:

ALVOL AKD is used in the formulation of shampoos, bath foams and other products in the field of washing and cleaning products as a foam stabilizer and desiccant. It is also used in the manufacture of cleaning and degreasing products for household and industrial use.

Product features

ALVOL AKD is a yellow to yellow-brown liquid. It solidifies at temperatures below +6 °C. After tempering, it dissolves again and can be used without changing the application properties. Homogenisation is recommended.

ALVOL AKD must comply with these features:

<i>Quality sign</i>	<i>Value</i>
pH of 1% aqueous solution	9-11
Free diethanolamine content in %	max. 3
Colour in mg J.100 cm ⁻³	max. 8

Product processing

The product gives shampoos, bath foams and other products from the field of washing and cleaning products a moisturizing effect and prevents drying of the skin. It also acts as a viscosity enhancer, as well as a foam stabiliser. In mixture with other emulsifiers based on fatty acid glycerides, it acts as a solvent for perfumes, vegetable oils and generally contributes to increase the stability of emulsion products.

Packaging, storage

ALVOL AKD is supplied in PE cans of capacity 50 litres or in other pre-arranged packaging. It is stored in sealed packages, protected from direct weathering. Recommended storage temperature is +5 to +30°C, hidden from direct sunlight or near heat sources. Short-term exposure to lower temperatures does not affect the application properties of the product.

Transport

ALVOL AKD is transported by covered means of transport in accordance with ADR/RID regulations.

Warranty period

If the product is transported and stored according to the above conditions, its warranty period is 12 months from the date of manufacture.

Note

Data on the properties of the product and its processing were obtained by laboratory measurements and application tests. This data sheet can only provide legally non-binding advice, the product processing must be adapted to the specific conditions.