

PRODUCT TECHNICAL SPECIFICATION
STW: 418/1

TRADE NAME **Rokamid KAD**

CHEMICAL NAME Coconut oil fatty acid diethanolamide

TECHNICAL REQUIREMENTS

Appearance	clear or slightly turbid viscous yellow liquid
Colour in iodine scale	max. 8 (PN-84/C-04534/02)
pH of 1% solution	7.5÷10.5 (PN-89/C-04963, potentiometric method, at 20 °C)
Diethanolamine soaps, %(m/m)	max. 3.0 (MB-0071)
Free fatty acids, %(m/m)	max. 0.3 (MB-0072)
Free diethanolamine, %(m/m)	max. 4.0 (MB-0073)
Water content, %(m/m)	max 0.5 (PN-ISO 760:2001, direct method, solvent - methanol)

GENERAL DATA

Molecular weight	approx. 300
Solubility in water	creates dispersion
Other solvents	acetone, ethanol, isopropanol, chloroform
Density at 20°C, g/ml	approx. 0.98
Viscosity at 20 °C, mPa·s	approx. 1000
Boiling point, °C	above 200 (with decomposition)
Melting point, °C	approx. 0
Flash-point, °C	above 180
Odour	characteristic of coconut oil

APPLICATION Used in cosmetic products and household chemicals as a detergent which increases preparation viscosity and stabilises foam. It has emulsifying, wetting and solubilising properties.

PACKAGING	Polyethylene drums with a capacity of 120 litres and other packaging as agreed with the customer.
STORAGE CONDITIONS	Store in a tightly closed container in a roofed area, at a temperature of up to 30 °C. Guaranteed period of stability: 12 months from the date of manufacture. After the expiry of this period, the product can be used upon verifying the conformity of its parameters with the technical requirements. In case of non-conformity, application tests should be performed.
TRANSPORT	Limitations resulting from ADR, RID and IMDG regulations do not apply. Covered means of transport recommended.
HAZARD SYMBOL	Irritant (Xi).
R-PHRASES	Irritating to eyes and skin (R 36/38).
S-PHRASES	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S 26). After contact with skin, wash immediately with plenty of water (S 28). Wear suitable gloves and eye/face protection (S 37/39).
NUMBER	STW: 418/1 Rokamid KAD
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