

ROKAmid KAD MB

CHEMICAL NAME	Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)
INCI NAME	Cocamide DEA
CAS NUMBER	-
FUNCTION	Thickener, foam stabilizer
TECHNICAL REQUIREMENTS	<p>Appearance at temperature (20÷25)°C..... liquid, clear or slightly turbid viscous, light yellow to yellow</p> <p>Colour in iodine scale, mgI₂/100mL max 8</p> <p>pH of 1% solution 9.0 ÷ 11.0</p> <p>Free fatty acids, %(m/m)max 0.3</p> <p>Free diethanolamine, %(m/m)max 3.0</p> <p>Water, %(m/m)max 0.5</p>
GENERAL DATA	<p>Molecular weight, g/mol..... approx. 312</p> <p>Solubility in water soluble</p> <p>Other solvents..... acetone, ethanol, isopropanol, chloroform</p> <p>Density at 20°C, g/mL approx. 0.98</p> <p>Viscosity at 20°C, mPa·sapprox. 1000</p> <p>Odourcharacteristic of coconut oil</p> <p>Boiling point, °C..... above 200 (with decomposition)</p> <p>Flash-point, °Cabove 180</p> <p>Solidification point, °C approx. 4</p>
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.