

ACS KAD

TECHNICAL SPECIFICATION PRODUCT

NUMBER **STW: EX/183/10**

DATE 2020-03-06

CHEMICAL NAME Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

TECHNICAL REQUIREMENTS

Appearance at temperature (20+25)°C...liquid, clear or slightly turbid
viscous, light yellow to yellow

Colour in iodine scale, mgI₂/100mL.....max 8
(PN-84/C-04534/02)

pH of 1% solution9.0 ÷ 11.0
(PN-EN 1262:2004, solution B at 20°C)

Free fatty acids, %(m/m) max 0.3
(MB-0072)

Free diethanolamine, %(m/m) max 3.0
(MB-0073)

Water, %(m/m) max 0.5
(PN-ISO 760:2001, direct method)

INFORMATIVE DATA*

Molecular weight g/mol.....approx. 312

Solubility in watersoluble

Other solvents.....acetone, ethanol, isopropanol, chloroform

Density at 20°C, g/mL approx. 0.98

Viscosity at 20°C, mPa·sapprox. 1000

Odour.....characteristic of coconut oil

Boiling point, °C above 200 (with decomposition)

Flash-point, °C above 180

Solidification point, °C approx. 4

* These informative data are not technical requirements and cannot form the basis for any claims.

USE

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 liters and other packaging as agreed with the customer.
STORAGE	Store in closed containers in roofed rooms, protected from weather conditions. Recommended storage temperature 10 ÷ 30°C. After cooling, the product should be heated and mixed.
SHELF LIFE	Guaranteed period of stability: 12 months from the date of manufacture.
TRANSPORTATION	This product is regulated for carriage according to ADR/RID, IMDG, ICAO/IATA UN NUMBER: 3082 shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C8-18 (even numbered) and C18 (unsatd.), N, N-bis(hydroxyethyl). CLASS: 9 PACKING GROUP: III
CLASSIFICATION AND LABELLING	This technical specification is applicable only if accompanied by the Safety Data Sheet in force. Pursuant to statutory requirements, only the Safety Data Sheet includes updated safety information.

The information contained herein is provided in good faith, based on our state of the art knowledge and experience. We reserve the right to amend this Technical Specification as a result of technological progress and product development by the manufacturer.

This product is intended for the purposes specified herein, for industrial and professional use. To use the product for purposes other than indicated herein, please contact ACS Chem GmbH for consultation sending an e-mail to: office@acs-chem.at

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