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AKYPO® RLM 25

ANIONIC, OXIDATION STABLE EMULSIFIER

- EXCELLENT EMULSIFIER WITH GOOD WETTING PROPERTIES
- INTENSIFIES THE CORROSION PROTECTION IN ALCALINE MEDIA
- OXIDATION STABLE EMULSIFIER BASED ON ETHERCARBOXYLIC ACID

IN FORMULATIONS:

- HARDWATER STABILITY AND LIMESOAP DISPERSING POWER
- MILDNESS TO THE SKIN
- OVERALL PHYSICAL AND CHEMICAL STABILITY
- STRONG SUPPORT OF THE CORROSION PREVENTION

CHEMICAL IDENTIFICATION

R-O-(CH₂CH₂O)_nCH₂COOH
R = C₁₂/C₁₄ n = 2,5

INCI NAME : LAURETH-4 CARBOXYLIC ACID
 CAS NUMBER : 27306-90-7
 MOLECULAR WEIGHT (g/mol) : approx. 356

TECHNICAL SPECIFICATIONS

		Kao Method
COLOUR (APHA; mgPt/L) :	max. 200	ISO 6271
ACTIVE MATTER (%), (100-H ₂ O-NaCl) :	min. 92.5	C-1000
WATER (KF; %) :	max. 7.0	ISO 760:1978
CHLORIDE (as NaCl; %) :	max. 0.50	DGF H-III 9
pH – VALUE (1 % in WATER) :	2.0 – 3.5	DGF H-III 1
ACID VALUE (mg KOH/g) :	100.0 – 130.0	DGF-C-V 2(81)



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TYPICAL PROPERTIES

APPEARANCE (25 °C) :	CLEAR, ALMOST COLOURLESS TO PALE YELLOWISH LIQUID
IONIC NATURE :	ANIONIC / NONIONIC (DEPENDING ON pH-VALUE)

PROCESSING

THE PRODUCT IS EASILY PROCESSABLE IN AQUEOUS AS WELL AS IN OIL-BASED FORMULATIONS.
PROCESS RECOMMENDATIONS ARE AVAILABLE UPON REQUEST.

STORAGE – HANDLING

- PRODUCT IS AVAILABLE PACKED IN DRUMS (200 KG) AND IN CONTAINERS (950 KG).
- RECOMMENDED STORAGE TEMPERATURE BETWEEN 15 AND 40 °C IN UNOPENED PACKAGING.

IT IS BASICALLY RECOMMENDED TO USE THE WHOLE CONTENT OF THE PACKAGING AT ONCE.

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose.

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