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AKYPO® LF 7

Preliminary

EXCELLENT LOW FOAMING ANIONIC SURFACTANT

- HYDROTROPIC PROPERTIES
- ACID-, ALKALINE- AND ELECTROLYTE STABLE
- VERY GOOD SOLUBILIZING PROPERTIES
- REDUCED FOAM STABILITY WHEN COMBINED WITH FOAMING SURFACTANT

IN FORMULATIONS:

- HARD WATER STABILITY
- NO CLOUD POINT
- HIGH PHYSICAL-CHEMICAL STABILITY
- SUPPORT PREVENTION OF CORROSION

CHEMICAL IDENTIFICATION

$$R\text{-}O\text{-}(CH_2CH_2O\text{-})_nCH_2COOH$$

$$R = C_4 \qquad n = 5$$

INCI NAME: BUTETH-6 CARBOXYLIC ACID
Molecular weight (g/mol): ca. 352

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TECHNICAL SPECIFICATIONS

		KAO METHOD
COLOUR (APHA)	Max. 150	ISO 6271
ACTIVE MATTER (%), (100-H_2O-NaCl)	Min. 80	C-1000
WATER (KF; %)	14.0 – 18.0	ISO 760:1978
CHLORIDE (as NaCl; %)	Max. 2.0	DGF H-III 9
pH-VALUE (10% in Water)	1.7 – 2.3	DGF H-III 1
ACID VALUE (mg KOH/g)	140.0 – 150.0	DGF C-V 2(81)
REFRACTIVE INDEX n_D^{25}	1.4380 – 1.4420	DIN 51423

TYPICAL PROPERTIES

APPEARANCE (25°C) :	CLEAR, YELLOWISH LIQUID
IONIC NATURE	ANIONIC / NONIONIC (DEPENDING ON PH-VALUE)

PROCESSING

THE PRODUCT IS EASILY PROCESSABLE IN AQUEOUS FORMULATIONS. PROCESS RECOMMENDATIONS ARE AVAILABLE UPON REQUEST.

STORAGE – HANDLING

- PRODUCT IS AVAILABLE PACKED IN DRUMS (210 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.