



# Kao Chemicals GmbH

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## AKYPO® LF 7

Preliminary

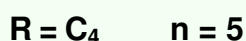
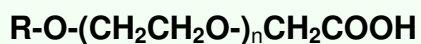
### EXCELLENT LOW FOAMING ANIONIC SURFACTANT

- 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



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



## AKYPO® LF 7

### TECHNICAL SPECIFICATIONS

|  |                 | KAO METHOD    |
|--|-----------------|---------------|
| COLOUR (APHA)                                  | Max. 150        | ISO 6271      |
| ACTIVE MATTER (%), (100-H <sub>2</sub> O-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 <sub>D</sub> <sup>25</sup>  | 1.4380 – 1.4420 | DIN 51423     |

### TYPICAL PROPERTIES

|                      |   |
|----------------------|---|
| APPEARANCE (25 °C) : | CLEAR, YELLOWISH LIQUID                       |
| IONIC NATURE         | ANIONIC / NONIONIC<br>(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.

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