



# Kao Chemicals GmbH

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preliminary

**AKYPO<sup>®</sup> TM-50**

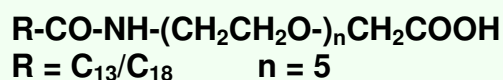
## AMIDE ETHERCARBOXYLIC ACID SHOWING GOOD EMULSIFYING PORPERTIES

- CO-EMULSIFIER USED TO INCREASE THE LIFETIME OF WATER-MISCIBLE METAL WORKING FLUIDS
- CLEANSING AND MODEST LUBRICATING ACTION

### IN FORMULATIONS:

- EXCELLENT HARDWATER STABILITY
- VERY STRONG METALSOAP DISPERSING POWER
- SUPPORT OF THE CORROSION PREVENTION
- OVERALL PHYSICO – CHEMICAL STABILITY

## CHEMICAL IDENTIFICATION



CAS NUMBER : 947173-47-9

## TECHNICAL SPECIFICATIONS

		<b>Kao Methode</b>
pH VALUE (10 % in water) :	2.3 – 3.2	DGF H-III 1
ACID VALUE (mg KOH/g) :	75.0 – 88.0	DGF C - V 2 (81)
WATER (KF; %) :	7.5 – 11.0	ISO 760:1978
CHLORIDE (as NaCl; %) :	Max. 1.5	DGF H-III 9
ACTIVE MATTER (%) :	Min. 87.5	C-1000



## AKYPO® TM-50

### TYPICAL PROPERTIES

APPEARANCE (25 °C) :	BROWN 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 (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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