



## Kao Chemicals GmbH

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**APROVADO**

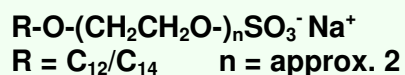
Dep. Qualidade

## EMAL<sup>®</sup> 270D

### BASIS SURFACTANT FOR SEVERAL APPLICATIONS

- CONCENTRATE
- COMPATIBLE WITH OTHER ANIONIC, NONIONIC AND AMPHOTERIC SURFACTANTS
- EXCELLENT FOAMING, CLEANING AND EMULSIFYING PROPERTIES

### CHEMICAL IDENTIFICATION



INCI NAME :	SODIUM LAURETH SULFATE
CAS NUMBER :	68891-38-3
MOLECULAR WEIGHT (g/mol) :	approx. 385

### TECHNICAL SPECIFICATIONS

		Kao Method
COLOUR (APHA; 40 % in water ; mgPt/L) :	< 50	DIN EN ISO 6271
ACTIVE MATTER (%) :	69.0 – 75.0	DGF H-IV 9a (82)
ANIONIC MATTER (%) :	68.0 – 72.0	DIN ISO 2271
UNSULFATED MATTER (%) :	1.0 – 3.0	DGF H-IV 9 c
CHLORIDE (as NaCl; %) :	< 0.10 %	DGF H-III 9
pH-VALUE (10 % in water) :	7.0 – 9.0	DGF H-III 1
SULFATE (as Na <sub>2</sub> SO <sub>4</sub> ; %) :	< 1.00	C-5631
1.4-DIOXANE (ppm) :	< 20	DGF H-III 16 a



## **EMAL® 270D**

### **TYPICAL PROPERTIES**

APPEARANCE (25 °C) :	ALMOST COLOURLESS TO SLIGHTLY YELLOWISH PASTE
DENSITY (g/mL; 20 °C) :	approx. 1.11
IONIC NATURE :	ANIONIC

### **PROCESSING**

THE PRODUCT IS WATER-SOLUBLE AND CAN BE COMBINED WITH COMMONLY USED SURFACTANTS.

PROCESSING RECOMMENDATIONS ARE AVAILABLE UPON REQUEST.

### **STORAGE – HANDLING**

- PRODUCT IS AVAILABLE PACKED IN DRUMS (160 KG) AND IN CONTAINERS (1000 KG).
- RECOMMENDED STORAGE TEMPERATURE BETWEEN 20 AND 40 °C IN UNOPENED PACKAGING.
- THE PRODUCT MUST BE STORED FREE FROM FREEZING. THE PRODUCT IS FLOWABLE ABOVE + 15 °C.  
AVOID STORAGE TEMPERATURE AND LOCAL CONTACT TEMPERATURE ABOVE 43 °C.
- THE LOSS OF WATER HAS TO BE AVOIDED BY USING CLOSED SYSTEMS. ADVICES FOR SUITABLE MATERIALS FOR VESSELS OR CONTAINERS ARE AVAILABLE UPON REQUEST.

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

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