



Kao Chemicals GmbH

Member of Kao Chemicals Europe

Kupferstraße 1, 46446 Emmerich am Rhein, Germany
 Phone : +49 (0)2822 711-0 e-mail : sales@kaochemicals.de
 Fax : +49 (0)2822 711-201 web : www.kaochemicals-eu.com



APROVADO

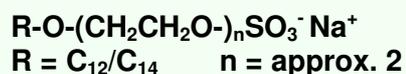
Dep. Qualidade

EMAL® 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 ₂ SO ₄ ; %) :	< 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.

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. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.

