

2-Ethylhexanol Ethoxylate (KEMUD)



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Technical Data Sheet



2-Ethylhexanol Ethoxylates (KEMUD)

Chemical Name:

2-Ethylhexanol Polyethylene Glycol Ether

Trade Name:

KEMUD

Introduction:

2-Ethylhexanol Ethoxylates are nonionic surfactants which are such as all kinds of other nonionic surfactants mixtures varying in the number of repeating ethoxy groups and free alcohol. The digit which is appeared after the name of KEMUD shows the average number of ethylene oxide units in the 2-Ethylhexanol Ethoxylates molecule. For example, KEMUD-9 means a 2-ethylhexanol molecule which is reacted with average nine molecules of ethylene oxide.

Different Grades:

KEMUD 7, KEMUD 9

General Applications:

2-Ethylhexanol Ethoxylate is mainly used in the formulation of drilling mud. 2-Ethylhexanol Ethoxylate is also a very low foaming surfactant with defoaming properties on protein foam, so it could be also used in metal cleaning formulations. It has a good cleaning effect on hard surfaces and is intended for use in water based alkaline cleaners.

Packaging:

Packaging Type	Net weight	Gross weight	No. of drums per pallet	No. of pallets in a 20 FLC	Shelf life	IMCO Class
New Steel Drums	220 Kgs	238 Kgs	4	20	2 yrs	Non-Imco



Notice:

We can produce other types of 2-Ethylhexanol Ethoxylates (KEMUDs), moreover customized packaging will be available according to customer's request.

Safety, Handling & Storage:

Full information on the safety, handling and storage of KEMUDs is available in the corresponding Material Safety Data Sheet ([MSDS](#)).



2-Ethylhexanol - 7 EO

Trade Name: KEMUD 7

Specification

No.	Test	Standard	References
1	Appearance at 25°C	Colorless	---
2	pH (5% in water)	5-8	ASTM E70
3	Hydroxyl Value, mg KOH/g	120-135	ASTM D4252
4	Viscosity at 50°C, cSt	ca. 15	ASTM D445-03
5	Cloud Point @ 10% in BDG 25%	71-81	ASTM D2024
6	Solubility in water	Soluble	---
7	Water, percent	Max.0.5	ASTM E203



2-Ethylhexanol - 9 EO

Trade Name: KEMUD 9

Specification

No.	Test	Standard	References
1	Appearance at 25°C	White solid	---
2	pH (5% in water)	5-8	ASTM E70
3	Hydroxyl Value, mg KOH/g	100-115	ASTM D4252
4	Viscosity at 50°C, cSt	ca. 50	ASTM D445-03
5	Cloud point (3%in water), °C	65-75	ASTM D2024
6	Solubility in water	Soluble	---
7	Water, percent	Max.0.5	ASTM E203

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