



Specialized in chemicals

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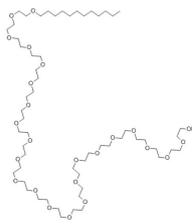
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Technical Data Sheet

Basic information

Chemical name	Polyoxyethylene lauryl ether	Formula	C12~14H25~29O.(C2H4O)n
Synonyms	C12~14 fatty alcohol polyoxyethylene ether	Chemical structure	
CAS.No.	9002-92-0		
EINECS No.	500-002-6		

Physical properties

Appearance	White to slightly yellow paste or liquid
Density,20°C, g/cm ³	0.99 g/mL ± 0.002 g/ml
Boiling point,°C	100
Melting point,°C	41-45
Flash point,°C	110
Refractive index	1.461
Solubility	Soluble in water, ethanol and ethylene glycol, etc.

Specification

Type	Appearance(25°C)	Colour(Pt-Co)	Hydroxyl value, mgKOH/g	Cloud Point (°C) (1% aqueous solution)	PH (1% aqueous solution)
AEO 3	Colorless liquid	≤40	170~180	--	5.0~7.0
AEO 4	Colorless liquid	≤40	150~160	--	5.0~7.0
AEO 5	Colorless liquid	≤40	130~140	--	5.0~7.0
AEO 6	Colorless liquid	≤40	115~125	--	5.0~7.0
AEO 7	Colorless liquid	≤40	105~115	50~70	5.0~7.0
AEO 9	Colorless liquid	≤40	89~99	70~99	5.0~7.0
AEO 15	Colorless liquid	≤40	62~72	80~88*(5%NaCl)	5.0~7.0
AEO 20	White paste	≤40	48~57	89~93*(5%NaCl)	5.0~7.0
AEO 23	White paste	≤40	43~52	>100	5.0~7.0
AEO 40	White paste	≤40	27~30	>100	5.0~7.0
AEO 80	White paste	≤40	14~16.5	>100	5.0~7.0
Test Method	--	ISO 2211	GB/T 7384	GB/T 5559	ISO 4316

Application

Industry field Used as Emulsifier, washing agent, penetrating agent, dispersing agent, levelling agent, degreasing agent, refining agent, viscosity conditioning agent and chemical intermediate in the industry.

Package

- (AEO 3~23) 1000Kg/ IBC drum or 190Kg / metal drum (Net weight)
- (AEO 40/80) 25Kg / kraft bag (Net weight);



Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

Issue Date: 1st,12,2015