

Technical Data Sheet

Product Info	
Trade Name	PADOXYLATE- 2EO
Overview	PADOXYLATE-2EO is a nanionic surfactant for the synthesis of sulfated products. Since it is liquid and has a low HLB value, it is recommended for use as oil solubilizer, cosmetic cream emulsifier, and viscosity agent in shampoos and bath gels. It is also recommended in the formulation of textile lubricants and agrochemical suspension / emulsions.
Chemical Name	LAURYL ALCHOL (C12-15) ETHOXYLATE .2EO
Chemical formula	$\text{CH}_3-(\text{CH}_2)_n-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_m-\text{H}$ $n=11-13$ $m=2$
Synonyms	ALCHOL ETHOXYLATE , LAE, AE
Molecular Weight	282-291
Cas No.	68439-50-9
Specifications	
Appearance at 25°C	Clear to slightly hazy liquid
Cloud Point(°C)	50-52
(10% Solution in BDG at 25°C)	
pH(5%(w/w))	5-7
Density(50°C)(Kg/L)	0.87-0.89
Color, APHA	50 Max
Viscosity at 50°C,cps	8-10
Water content(% Wt)	0.1 Max
Hydroxyl Number(mgKOH/g)	193-199
HLB	5.9-6.2
Packaging Info	

Packaging	200 Kgs/HDPE drum
Storage	It is recommended that be stored in sealed containers and kept in a cool, dry place. If the products are frozen, they should be heated gently and stirred to ensure they are homogeneous before use.
Shelf Life	24 months from the date of manufacture.
Other Info	
Details	For more details, please contact us by phone (+982143413444) or by email (info@psgharb.com)