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ALCOHOL C9-11

Primary Alcohol Ethoxylate

Chemical structure	CH3(CH2)n-O(CH2CH2O)yH
Chemical description	Alcohol ethoxylate based on a C9-11 synthetic alcohol
CAS number	68439-46-3
Composition	93% C9-11 alcohol, 7% Isopropanol

TYPICAL PROPERTIES

Appearance at 25°C	Clear to slightly hazy liquid
Average No. Moles EO	6.0-6.5
HLB	12.4
pH, 1% Aqueous	5.5-6.5
Actives, %	93 min
Color, APHA	50 max
Pour Point, °C (°F)	6 (43)
Viscosity at 38°C (100°F), cps	22
Cloud Point, 1% Aq., °C (°F)	47 (116) - 58 (136)
Flashpoint, PMCC, °C (°F)	>94 (>201)
RVOC, US. EPA	0

APPLICATIONS

ALCOHOL C9-11 is a high active nonionic surfactant. The product is stable in both aqueous acidic and alkaline solutions, allowing for application in a wide range of products. The alcohol ethoxylate is primarily useful in oil-based systems. ALCOHOL C9-11 is an excellent wetting agent and emulsifier for use in household all purpose cleaners, laundry products, industrial metal cleaners, floor cleaners, wax strippers, car wash and many other applications. ALCOHOL C9-11 provides excellent detergency and exhibits a biodegradable profile.

Functional Properties
Detergent
Emulsification
Excellent wetting agents
Solubilizer
Moderate foam production
Compatible with a number of solvents
Can be used in conjunction with anionic, amphoteric and cationic surfactants

End Product Uses
Laundry products
Hard surface cleaners
All purpose cleaners
Pesticides
I&I cleaners
Textiles
Paints