

Technical Data Sheet

n-Butylaminoethanol

Chemical Synonym

2-(butylamino)ethanol; BAE

Product Description

N-Butylaminoethanol (BAE) is available as a colorless to light yellow liquid with a slight odor.

BAE, an excellent multipurpose alkanolamine, can provide for enhanced corrosion inhibition and stability in formulated emulsion products.

Typical Properties

Property	Typical Value, Units
General	
Molecular Formula	C ₄ H ₉ NHC ₂ H ₄ OH
Molecular Weight	117.2 g/mol
Autoignition Temperature	300 °C
Boiling Point	197.7 °C
Coefficient of cubical expansion	0.001/ °C
Density	
@ 20°C	0.89 g/cm ³
Dielectric Constant	3.32
Dissociation constant, pKa	
@ 25°C	9.7
Flash Point	
Closed Cup	97.5 °C
Freezing Point	-2.5 °C
Octanol-water partition coefficient, log Pow	0.64
Refractive Index	
@ 20°C	1.445-1.446
Vapor Density	
(air = 1)	3.6
Vapor Pressure	
@ 20°C	0.1394 hPa
Viscosity	19.7 mPa·s
Water solubility	Miscible

Packaging

- Bulk
- Plastic drums (180 kg net)

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