

# Technical Data Sheet

## n-Butyldiethanolamine

### Chemical Synonym

2,2'-(butylamino)diethanol; BDEA

### Product Description

N-Butyldiethanolamine (BDEA) is available as a colorless to light yellow liquid with a slight odor. BDEA has a very low vapor pressure.

BDEA is an ideal neutralizing agent in systems required to be very low in odor.

### Typical Properties

Property	Typical Value, Units
<b>General</b>	
Molecular Formula	C <sub>4</sub> H <sub>9</sub> N(C <sub>2</sub> H <sub>4</sub> OH) <sub>2</sub>
Molecular Weight	161.3 g/mol
Boiling Point	
@ 760 mm Hg	283 °C
Coefficient of cubical expansion	0.0008/ °C
Density	
@ 20°C	0.963-0.980 g/cm <sup>3</sup>
Dissociation constant, pKa	8.9
Flash Point	
Closed Cup	141 °C
Freezing Point	-70 °C
Octanol-water partition coefficient, log Pow	0.48
Refractive Index	
@ 20°C	1.462-1.468
Vapor Density	5.5 g/cm <sup>3</sup>
Vapor Pressure	
@ 25°C	<0.01 hPa
Viscosity	
@ 15°C	1.6 mPa·s
Water solubility	Completely soluble

### Packaging

- Bulk
- Plastic drums (195 kg net)

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