

Description

Dibutylaminoethanol (DBAE)

$(C_4H_9)_2N-C_2H_4-OH$

CAS No. 102-81-8

EINECS No. 203-057-1

Physical & Chemical behaviour

Dibutylaminoethanol is available as a liquid.

Specifications

Specification property	Specification limits		
	UNIT	MIN	MAX
Dibutylamino-ethanol content	Wt %	99.0	
Color	APHA		100
Water content	Wt %		0.3
Clarity	Clear and free from suspended matter		

The above specifications are determined according to Taminco Higher Amines Inc. analytical methods.

Physical properties

Property	Value
Molecular weight (g/mol)	173.3
Specific Gravity @ 20°C	0.855 – 0.865
Boiling Point, °C at 741 mm Hg	230
Freezing point, °C	-75
Flash Point °C (Pensky Marten Closed Cup)	94
Vapor Pressure mm Hg 20°C	< 0.1
Coefficient of Cubical Expansion /°C	0.00082
Viscosity cps @ 25°C	6.5
Solubility in Water @ 20°C	0.4%
Water in DBAE @ 20°C	6.8%

Applications

- Cross-linking inhibitor
- pH controlled viscosity

Packaging

Steel drums – 175 kg net weight.

Labeling, Transport regulations, Toxicology / Ecotoxicology, Characteristics

See Material Safety Data Sheet.

For further questions please contact our regional sales departments

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July 2009

Technical Data sheet 51200/7-2009

Supersedes TDS 51200/ 3-2009

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