

# DIBUTYLAMINOETHANOL

## Technical Data Sheet

### 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 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<br>(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

HDPE drums – 175 kg net weight.

Labeling, Transport regulations, Toxicology / Ecotoxicology, Characteristics

See Material Safety Data Sheet.

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*For further questions please contact our regional sales departments*

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