

# Dibutylamine

## Technical Data Sheet

January 1997

**Formula:**.....  $C_8H_{19}N$   
**Molecular Weight:** ..... 129.2  
**Product Number:** ..... 033401  
**CAS Registry Number:**..... 111-92-2



### Description

Dibutylamine is a colorless liquid free of suspended matter. It is miscible with almost all common organic solvents and has limited miscibility with water.

### Safety

Dibutylamine is corrosive to the skin and eyes. Direct contact results in burns and eye injury. Ingestion results in damage to the gastrointestinal tract. Inhalation of vapors may irritate the respiratory tract. Inhalation may be fatal as a result of spasms, inflammation and edema of the larynx and bronchi. Overexposure may result in sensitization.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

### Applications

Intermediate used in the production of:

- pharmaceuticals
- agricultural chemicals
- dye intermediates

Customer Service:

EAST 1-800-426-8696  
WEST 1-800-543-1740

Product Specifications	Value	Test Method
Assay, % minimum	99.5	G.C.
Water, % maximum	0.2	Karl Fischer
Color, APHA maximum	15	Pt/Co
Suspended matter	none	visual

Physical Properties	
Freezing point, °C	ca. - 62
Density @ 20°C g/cm <sup>3</sup>	ca. 0.76
Flash point, °C (closed cup)	ca. 39
Boiling point, °C	ca. 160
Weight/gallon, lbs.	6.3

- printing inks
- paper
- leather
- textile and dye auxiliaries
- corrosion inhibitors
- emulsifiers
- photographic chemicals
- plasticizers
- additives for fuels and lubricants
- flotation agents
- rubber accelerators
- curing agents for epoxy resins
- catalysts for polyurethane resins

### Packaging

Available in tank trucks and 340 lb (net weight) non-returnable steel drums.

### Storage & Handling

Dibutylamine has an almost unlimited shelf life in unopened, original containers. It is neither explosive nor spontaneously flammable in air. However, it is flammable, malodorous and corrosive.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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