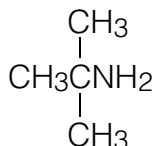


t-Butylamine

Technical Data Sheet

January 1997

Formula:..... (CH₃)₃CNH₂
Molecular Weight:..... 73.1
Product Number: 839631
CAS Registry Number:..... 75-64-9



Description

t-Butylamine is a colorless liquid, free of suspended matter. It is miscible with water and almost all conventional organic solvents.

Safety

t-Butylamine is corrosive to all body tissue.

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

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	0.1	Karl Fischer
Color, APHA, maximum	10	Pt/Co
Suspended matter	none	visual

Physical Properties

Freezing point, °C	.....	- 67
Boiling point, °C	.....	44
Density @ 20°C, g/cm ³	.....	0.693
Flash point, °C	.....	- 38
Viscosity, mPas	.....	0.5
Weight/gallon, lbs.	.....	5.77

Applications

Intermediate used in the production of:

- agricultural chemicals
- rubber chemicals
- gas purification agents
- pharmaceuticals

Packaging

Available in tank trucks and non-returnable steel drums containing 297 lb (net weight).

Storage & Handling

t-Butylamine has an almost unlimited shelf life in unopened, original containers when properly stored in a protected storage area and protected from heat. It is neither explosive nor spontaneously flammable in air. However, it is highly flammable, malodorous and corrosive.

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

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