

DIMETHYLAMINE (CH₃)₂NH

Synonyms : N-Methylmethanamine; N,N-dimethylamine



Gas Description

Dimethylamine is a colourless, alkaline, flammable gas which is corrosive when wet. It has a gas density at STP 1.96 kg/m³.

Typical applications :

Dehairing agent in tanning
Accelerator in rubber vulcanization
Manufacture of detergent soaps and cleaning compounds
Absorbant for acid gases
Fungicide
Gasoline stabilizer

Transport Regulations :

UN Number : 1032
Shipping Name : DIMETHYLAMINE,
ANHYDROUS
Class : 2.1: Flammable gases
CAS Number : 124-40-3
Hazchem : 2PE

[Click here](#) for MSDS

[Click here](#) for more information

Physical Properties

Chemical symbol : (CH₃)₂NH
Molecular weight : 45.08
Specific gravity (Air=1) : 1.55
Specific volume (m³/kg) : 0.53
Critical temperature : 165°C
Boiling point : NDA

Melting Point : NDA
Critical pressure (bar) : 53.12
Major hazards : Inhalation and Fire
Toxicity : TWA 10ppm STEL
Flammability Range : 2.8 - 14.4% ref N°117
Odour : Fishy

[Click here](#) for more information

Application

INDUSTRY

Chemicals

APPLICATION

Dimethylamine is used as a reactive intermediate organic nitrogen in the synthesis of various organic chemicals (pharmaceutical, agriculture, dye, rubber and explosive or propellant compounds).

[Click here](#) for more information

Dimethylamine

Gas

Typical impurities
(ppm molar)

Cylinder information

Cylinder Size

Valve Connection

Pressure (kPa)

Contents (m³)

Available Upon Request
Call For Supply Information

Recommended Equipment

For further information [Contact](#) the specialty gases representative in your region.