

MONOMETHYLAMINE (CH₃NH₂)

Synonyms : Monomethylamine; Methanamine; Aminomethane; Methylamine



AIR LIQUIDE™

Gas Description

Monomethylamine is a colourless, flammable, non-corrosive, slightly toxic and irritating gas..
Monomethylamine has a gas density at STP 1.49 kg/m³.

Typical applications :
Synthesis intermediate

Transport Regulations :

UN Number : 1061
Shipping Name : METHYLAMINE,
ANHYDROUS
Class : 2.1: Flammable gases
CAS Number : 74-89-5
Hazchem : 2PE

[Click here](#) for MSDS

[Click here](#) for more information

Physical Properties

Chemical symbol : CH₃NH₂
Molecular weight : 31.058
Specific gravity (Air=1) : 1.07
Specific volume (m³/kg) : 0.755
Critical temperature : 157°C
Boiling point : -6.4°C

Melting Point : NDA
Critical pressure (bar) : 74.61
Major hazards : Inhalation and Fire
Toxicity : TWA 10ppm STEL
Flammability Range : 4.20 - 20.7% ref N°191
Odour : Fishy and Ammoniacal

[Click here](#) for more information

Application

INDUSTRY

Chemicals

APPLICATION

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

[Click here](#) for more information

Monomethylamine

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.