

MONOETHYLAMINE (C₂H₅NH₂)

Synonyms : Monoethylamine; Ethanamine; Aminoethane;
Ethylamine; 1-Aminoethane; Monoethylamine



AIR LIQUIDE™

Gas Description

Monoethylamine is a colourless, flammable, and slightly toxic gas with a strong ammonia odour. Monoethylamine has a gas density at STP 1.97 kg/m³.

Typical applications :

Solvent, intermediate for dyes and pharmaceuticals
Stabilizer for rubber latex
Manufacture of resins

Transport Regulations :

UN Number : 2491
Shipping Name : ETHYLAMINE
Class : 2.1: Flammable gases
CAS Number : 75-04-7
Hazchem : 2PE

[Click here](#) for MSDS
[Click here](#) for more information

Physical Properties

Chemical symbol : C₂H₅NH₂
Molecular weight : 48.08
Specific gravity (Air=1) : 1.56
Specific volume (m³/kg) : 0.249
Critical temperature : 183°C
Boiling point : NDA

Melting Point : NDA
Critical pressure (bar) : 56.31
Major hazards : Inhalation and Fire
Toxicity : TWA 10ppm STEL
Flammability Range : 2.68 - 14% ref N°145
Odour : Strong Ammoniacal

[Click here](#) for more information

Application

INDUSTRY

Chemicals

APPLICATION

Ethylamine is used in organic synthesis as a reactive molecule or as solvent

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Monoethylamine

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.