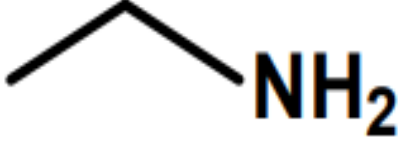

MEA 70%, MONOETHYLAMINE 70%, AQUEOUS



IUPAC NAME: ethanamine

CHEMICAL FORMULA: C₂H₇N

CAS NO: 75-04-7

MOLECULAR WEIGHT: 45.08 g/mol

PACKING:

PRODUCT DESCRIPTION:


Monoethylamine, with a chemical formula of CH₃CH₂NH₂, is an organic compound. It is in the form of a 70% aqueous solution, which allows for easier integration into various processes and formulations. This substance can have a range of applications in different industries such as chemical production, pharmaceuticals, agriculture, and more. Often used as a building block in the synthesis of various chemical compounds, it serves as a pH regulator or a reactant in different chemical reactions.

APPLICATION AREAS:

- Agro Chemicals
- Textiles
- Dyestuff
- Plastics

CHEMICAL PROPERTIES	
PURITY	≥99.5
ACID CONTENT	
MOISTURE AMOUNT	29.9% max.
COLOUR (Pt-Co)	≤ 10
INHIBITOR	
PHYSICAL PROPERTIES	
APPEARANCE	Colourless
PHYSICAL STATE	Liquid at 20
ODOR	Ammoniacal
DENSITY	0.806 g/cm ³ at 20°C
BOILING POINT	39.5°C
FLASH POINT	<-24°C
VAPOR PRESSURE	469 hPa at 20 °C
pKa	10.80
ASSAY %W	69.0 - 70.0

SAFETY INFORMATION

HAZARD PICTOGRAM(S)	
HAZARD STATEMENT(S)	<p>H220: Extremely flammable gas [Danger Flammable gases]</p> <p>H319: Causes serious eye irritation [Warning Serious eye damage/eye irritation]</p> <p>H335: May cause respiratory irritation [Warning Specific target organ toxicity, single exposure; Respiratory tract irritation]</p>
PRECAUTIONARY STATEMENT(S)	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.</p> <p>P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.</p> <p>P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor</p>
STORAGE CLASS	<p>Storage class (TRGS 510): 3: Flammable liquids</p>
STORAGE CONDITIONS	<p>Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Keep locked up or in an area accessible only to qualified or authorized persons.</p>
TRANSPORT INFORMATION	<p>UN number</p> <ul style="list-style-type: none"> • ADR/RID: 2270 • IMDG: 2270 • IATA: 2270 <p>UN proper shipping name</p> <ul style="list-style-type: none"> • ADR/RID: ETHYLAMINE, AQUEOUS SOLUTION • IMDG: ETHYLAMINE, AQUEOUS SOLUTION



- IATA: Ethylamine, aqueous solution

Transport hazard class(es)

- ADR/RID: 3 (8)
- IMDG: 3 (8)
- IATA: 3 (8)

Packaging group

- ADR/RID: II
- IMDG: II
- IATA: II

Environmental hazards

- ADR/RID: no
- IMDG Marine pollutant: no
- IATA: no

Special precautions for user

Tunnel restriction code: (D/E)

Further information: No data available

For more information, check the SAFETY DATA SHEET or get contact with us.