



monoethanolamine (MEA)

Monoethanolamine (MEA) is a simple ethanolamine with one primary amine and one alcohol group. It is a colorless liquid with a mild ammonia odour



SOME OF THE MAIN USES:

- GAS-SCRUBBING AGENT TO REMOVE (CO₂) AND (H₂S) FROM NATURAL GAS
- SURFACTANT IN PERSONAL CARE PRODUCTS
- CORROSION INHIBITOR IN METALWORKING FLUIDS
- solvent in the production of resins, dyes, and pharmaceuticals
- feedstock for the production of ethyleneamines
- pH adjuster in water treatment plants
- emulsifier in the production of asphalt emulsions.
- curing agent for epoxy resins
- intermediate in the production of quaternary ammonium compounds

Chemical formula	C₂H₇NO
boiling point	171 °C
Melting point	10.5 °C
Molar mass	61.08 g/mol
density	1.015 g/cm³ (20 °C)
Appearance	Viscous colourless liquid

