Monoethanolamine (MEA)

2-Aminoethanol

CAS No.: 141-43-5
Chemical Formula: C_2H_7NO

PRODUCT DESCRIPTION

Monoethanolamine (MEA) is an organic compound containing both amine and alcohol functional groups. It is widely used as a chemical intermediate, neutralising agent and pH regulator in industrial formulations. Its alkalinity and water solubility make it suitable for applications in gas treatment, detergents, surfactant production and specialty chemical processing.

KEY FEATURES

- High purity with monoethanolamine content ≥99.50%
- Low diethanolamine content
- Controlled colour and moisture levels
- Effective neutralising and pH adjustment properties
- Suitable for chemical synthesis and industrial formulations

APPLICATIONS

- Gas treatment and acid gas removal
- Detergent and cleaning formulations
- Surfactant and emulsifier production
- pH adjustment and neutralisation
- Chemical intermediate production
- Industrial chemical processing

CHEMPORT
Specialty Chemical Experts

LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.

Chemport Pty Ltd provides the information contained in this document in good faith based on the best knowledge available at the time of publication. While we believe the information to be accurate and reliable, it is intended for general guidance only and is provided without warranty of any kind, express or implied.

Users are solely responsible for determining the suitability of this product for their specific application and for ensuring compliance with all relevant regulations, industry standards, and intellectual property rights. The product must not be used in violation of any law, statute, or thirdparty rights.

Chemport Pty Ltd shall not be liable for any direct, indirect, or consequential loss or damage arising from the use of this product or reliance on the information provided in this document. Users should refer to the current Safety Data Sheet (SDS) and perform their own evaluations, including any necessary testing, to confirm the product's suitability for use in their particular conditions.

This document is subject to revision without notice as new data becomes available.

TECHNICAL SUPPORT
+61294103317
info@chemport.com.au

Suite 2.08
32 Delhi Road
Macquarie Park
NSW 2113
Australia

chemport.com.au

PRODUCT SPECIFICATIONS

PARAMETER	TYPICAL VALUE
Monoethanolamine Content (% wt)	≥99.50
Diethanolamine Content (% wt)	≤0.10
Colour (Pt-Co, mg Pt/L)	≤10
Water Content (% wt)	≤0.200

PACKAGING
Available in drums, IBCs and bulk quantities, subject to confirmation.

STORAGE & HANDLING
Store in tightly sealed, compatible containers in a cool, dry and well-ventilated area. Protect from moisture, excessive heat and incompatible materials. Avoid prolonged exposure to air and handle using appropriate chemical-resistant equipment.

SAFETY
Monoethanolamine can cause severe skin burns and eye damage and may be harmful through inhalation or skin contact. Use appropriate chemical-resistant gloves, protective clothing and eye protection. Refer to the current Safety Data Sheet (SDS) for detailed hazard classifications, safe handling and first aid information.