

# MEA

## Description

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Monoethanolamine (MEA) is an organic chemical compound with the formula  $\text{HOCH}_2\text{CH}_2\text{NH}_2$ . It is both a primary amine and a primary alcohol due to the amine and hydroxyl group.

## Applications

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MEA is a weak base and can be used in gas scrubbing in oil and gas industry. It often used as an additive in drilling fluids to provide thermal stability and pH adjustment.

## Features and Benefits

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- Readily available
- Cost-effective
- Easy to handle

## Typical Properties

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Appearance	Viscous Liquid
Color	colorless

## Recommended Treatment

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The dosage of MEA depends on the application and typical used at 1.0 – 3.0 lb/bbl ( $2.8 - 8.5\text{kg/m}^3$ ) for drilling fluid systems.

## Safety and Handling

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Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

## Packaging

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MEA is available in 55 gal (208 L) metal drum, totes and in bulk.

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