



# MONOETHANOL AMINE

MEA

## DESCRIPTION AND USE

Monoethanol amine is a simple small ethanolamine with one primary amine and one alcohol group. It is a colorless liquid with a mild odour of ammonia. MEA is mainly used in sweetening natural gas and coal gas, and as soap or amides in heavy duty detergents. Monoethanol amine is also used in the production of ethylene amines.

## TECHNICAL SPECIFICATION

Chemical	Monoethanolamine, MEA
Assay %	99.5 min
Appearance	Clear liquid
Specific Gravity at 20°C	1.01 - 1.02
Diethanolamine, %wt	0.2 max
Colour, APHA	20 max
Water, %wt	0.2 max
Freezing Point °C	10
Boiling Point °C	170.5
Flash Point °C	93

## TREATMENT AND FEEDING REQUIREMENTS

Proper treatment and usage levels of MEA depend on many factors and process requirements /conditions specific to a given installation. The product may be fed directly from the shipping container or storage tank to a point in the system. The product should be used in accordance with control procedures that Athena Chemical Technologies establishes for a specific application.

## STORAGE AND HANDLING

Store MEA in a cool & dry place. Avoid direct sunlight exposure. This product is suitable for usage within 24 months in good storage conditions. For more information kindly refer to the material safety data sheet.

## PACKAGING INFORMATION

MEA is a liquid product, available in 200 liters drum, 1000 liters IBC and bulk tankers and variety of delivery methods. Contact your ACT or local representative for more details.

## GENERAL PROPERTIES & SAFETY

A Safety Data Sheet containing detailed information about this product physical and chemicals properties is available upon request. During handling, direct contact with human body is to be avoided. Safety goggles and gloves are recommended for safe handling.