

**Monoethanolamine (MEA)**

Characteristic	Test Method	Unit	Value
PURITY	MA – 503 (GC)	WT.%	99 MIN.
WATER	ASTM D - 1364	WT.%	0.2 MAX.
COLOR Pt-Co	ASTM D - 1209	-	10 MAX.
SP. GR (20/20 °C)	ASTM D - 891	-	1.017 - 1.019
EQUIVALENT MOL. WEIGHT	MA - 503	-	61 - 62.5

MONOETHANOLAMINE obtained from the reaction between ammonia and ethylene oxide. MONOETHANOLAMINE, have a low volatility at room temperature, is hygroscopic, presents an ammoniac odor and can appear in solid or liquid form depending on the temperature and the purity grade.

**Application areas:****• Detergents :**

MONOETHANOLAMINE, recommended as a component in detergent formulations for laundry and dishwashing, degreasers, multiple use detergents and disinfectants. MONOETHANOLAMINE can also be used as neutralizer agent in formulations of car wash shampoos, degreasers in general, wax removers and as corrosion inhibitors.

**• Agrochemicals :**

MONOETHANOLAMINE, used as neutralizer agent for anionic emulsifiers.

**• Treatment of gases :**

Ethanolamines can be used to treat natural gas and petroleum residual gas in the absorption of carbon dioxide. In gas systems containing carbon dioxide, MONOETHANOLAMINE can be used as a selective absorber, and plays an important role in the production of ammonia, liquid carbon dioxide and dry ice permitting regeneration in the latter cases

**Storage conditions :**

Since this product is hygroscopic we recommend provide the tanks with an inert atmosphere such as of nitrogen to reduce the absorption of water and to avoid darkening through contact with the air. We recommend storing MONOETHANOLAMINE, by bulk in stainless steel 316 or 304 tanks, equipped with a water or vapor heating coil to maintain the products at a temperature above their solidification point.

**Packing :**

Bulk or in 220 Lit (net: 200 Kg) new drums, each 4 drums strapped on a pallet.