



## TECHNICAL SPECIFICATION

### *Monoethanolamine*

<i>Product Name</i>	MEA
<i>Application</i>	<p>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. MONOETHANOLAMINE, used as neutralizer agent for anionic emulsifiers. 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. MONOETHANOLAMINE recommended as synthesis intermediate for the manufacture of corresponding alkanolamides due to its reaction with fatty acid or coconut oil. As a consequence of its properties, this product can be used in various industrial segments such as detergents, lubricant oils, products for hygiene and personal care, flotation of minerals, etc. Ethanolamines can also be used in the formulation of pharmaceutical products, dispersing agents for glues, gums, latex and photographic developers, accelerators of rubber vulcanization, corrosion inhibitors, pH controllers, synthesis intermediates, lacquer, paint, wax and polisher wetting agents, polymerizing agents and catalysts for polyurethane resins.</p>

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<b>Typical Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Spec.</b>
Purity	MA-503 (GC)	wt%	99 Min
Water	ASTM D1364	wt%	0.2 Max
Color Pt-Co	ASTM D1209	-	
Steel, Drum			30 Max
HDPE drum / ISO tank			10 Max
Sr. Gr (20/20°C)	ASTM D891	-	1.017-1.019
Equivalent Mol. Weight	MA-503	-	61-62.5

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