

Technical Data Sheet

MEA

MONOETHANOLAMINE

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:

- Detergents :
- Agrochemicals:
- Treatment of gases:
- Other uses : 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.

Characteristic		Test Method	Unit	Value
PURITY		MA – 503 (GC)	WT.%	99 MIN.
WATER		ASTM D -1364	WT.%	0.2 MAX.
COLOR Pt-Co	Steel drum	ASTM D -1209	-	30 MAX.
	HDPE drum / ISO tank			10 MAX.
SP. GR (20/20 °C)				
EQUIVALENT MOL. WEIGHT		MA - 503	-	61 - 62.5