



Asia Petrochemicals LLC

Monoethanolamine (MEA)

PRODUCT DESCRIPTION

Monoethanolamine (often abbreviated ETA or MEA) is an organic compound that is both a primary amine and a primary alcohol. Like other amines, monoethanolamine acts as a weak base. Monoethanolamine is a toxic, flammable, corrosive, colorless, viscous liquid with an odor similar to that of ammonia. Monoethanolamine is commonly called MEA in order to be distinguished from diethanolamine (DEA) and triethanolamine (TEA). Monoethanolamine is the second-most-abundant head group for phospholipids, substances found in biological membranes, and is also used in messenger molecules such as palmitoylethanolamide, which has an effect on CB1 receptors.

Applications

MEA is used in aqueous solutions for scrubbing certain acidic gases. It is used as feedstock in the production of detergents, emulsifiers, polishes, pharmaceuticals, corrosion inhibitors, chemical intermediates. For example, reacting ethanolamine with ammonia gives the commonly used primarily for buffering or preparation of emulsions. MEA can be used as pH regulator in cosmetics.

Packing: Drums, Flexi & Bulk

PARAMETER	VALUE
Molecular Formula	C ₂ H ₇ NO
Mol Wt	61.08
CAS #	[141-43-5]
Description	Clear colourless liquid
Assay (%)	99 Min
Distillation range in °C	171-178
Freezing point in °C	10.3

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to info@asia-petrochem.com

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