MONOETHANOLAMINE

CAS Number: 141-43-5

Other Names: Ethanolamine;2-aminoethanol; Aminoethanol;
2-Hydroxyethylamine; colamine; Glycinol; Olamine

Formula: C_2H_7NO

PRODUCT INTRODUCTION

Monoethanolamine is a member of the class of ethanolamines that is ethane with an amino substituent at C-1 and a hydroxy substituent at C-2, making it both a primary amine and a primary alcohol. It is viscous, hygroscopic amino alcohol with an unpleasant ammonia-like odor.

PHYSICAL AND CHEMICAL PROPERTIES

Monoethanolamine	100.0 wt%
Diethanolamine	0.0 wt%
Water	0.0 wt%
Colour (Pt-Co)	2
Appearance	Pass

APPLICATIONS

- Monoethanolamine appear to be potentially useful components of topical formulations used to decontaminate and protect the skin against chemical warfare agents.
- As a pharmaceutical adjuvant, monoethanolamine is used as a solvent for fats and oils, and in combination with fatty acids forms soaps in the formulations of various types of emulsion such as lotions and creams.
- Monoethanolamine is used in hydraulic fracturing.
- Scrubbing acid gases (H_2S, CO_2), especially in synthesis of ammonia, from gas streams; nonionic detergents used in dry cleaning, wool treatment, emulsion paints, polishes, agricultural sprays; chemical intermediates, pharmaceuticals, corrosion inhibitor, rubber accelerator are some other uses of monoethanolamine.

PACKING OPTIONS

Drums