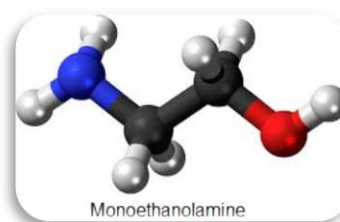
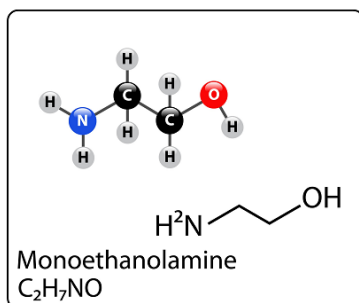


Monoethanolamine TDS



Monoethanolamine (MEA) is a simple ethanolamine with one primary amine and one alcohol group. It is a colorless liquid with a mild ammonia odor. MEA is mainly used in sweetening natural gas and coal gas, and as soap or amides in heavy-duty detergents.

Main applications of MEA

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 Identifier	
Chemical formula	C_2H_7NO
CAS Number	141-43-5
IUPAC ID	2-Aminoethanol
PubChem	CID 700

Physical and Chemical Properties of MEA	
Appearance	Colorless to yellow liquid
Molecular mass	61.08 g/mol
Density	1.01 g/cm ³
Melting point	10.3 °C
Boiling point	170 °C
Flash point	91°C
Auto-ignition temperature	410 °C
Solubility in water	Miscible
Dissolvability	Solubility in other solvents; Acetone; Ethanol

Shazand MEA Datasheet

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)		ASTM D - 891	-	1.017 - 1.019
EQUIVALENT MOL. WEIGHT		MA - 503	-	61 - 62.5

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