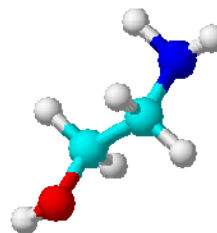


**E0810FH Gold Line****Typical analysis**

Assay	min 99%
Diethanolamine	0.5%
Iron (Fe)	0.001%
Sulphated ash	0.05%
Triethanolamine	0.5%
Water (H <sub>2</sub> O) [Karl Fisher]	0.5%

**Packaging**

500ml black plastic bottle  
2.5l black plastic bottle

**Physical properties, composition and data**

Chemical formula	H <sub>2</sub> NCH <sub>2</sub> CH <sub>2</sub> OH
Chemical group	Alcohols
Synonym	2-Aminoethanol; 2-Hydroxyethylamine; b-Amino ethyl alcohol; b-Hydroxyethylamine; Colamine; Ethylolamine; MEA; Monoethanolamine
Atomic weight	61.08
Weight per litre	1.02kg
Appearance	Colourless, viscous liquid
Odour	Ammoniacal odour
Miscibility	Miscible with water, alcohol, acetone. Slightly soluble in benzene, ether, carbon tetrachloride and n-heptane
Melting point	10.3°C
Boiling point	170.8°C
Flash point	93.3°C
Ignition point	420°C
Density (g/ml)	1.012
pH (aqueous solution)	12.1 - 12.3
Other information	Absorbs moisture and carbon dioxide from the atmosphere
Hazardous material	Flammable and harmful

**Laboratory preparation, applications and practices**

Laboratory preparation	Ammonolysis of ethylene oxide
Usage	To remove carbon dioxide and hydrogen sulphide from gases
Filter paper	Filtertech no: 0222, 0225, 1839

**Storage and handling information**

Storage	Store in a fireproof place separated from acids
Safety phrases	Keep well closed
Risk phrases	20-36/37/38
Disposal methods	16

**Transport regulations**

Tariff code	2922.11.00
Hazardous class	8
Packing group	III
UN number	2491
ERG number	153

