

Diethanolamine (DEA) DEA 98.0%

Characteristic	Test Method	Unit	Value
PURITY	MA – 503 (GC)	WT. %	98.5 MIN.
SP. GR (30/20 °C)	ASTM D - 891	-	1.09 - 1.094
WATER	ASTM D - 1364	WT. %	0.15 MAX.
MEA	MA – 503 (GC)	WT. %	0.6 MAX.
TEA	MA – 503 (GC)	WT. %	0.8 MAX.
COLOR Pt - Co	ASTM D - 1209	-	15 MAX.
EQUIVALENT MOL. WEIGHT	MA - 503	-	104 - 106

DIETHANOLAMINE obtained from the reaction between ammonia and ethylene oxide. **DIETHANOLAMINE**, have a low volatility at room temperature, is hygroscopic, presents an ammoniac odour and can appear in solid or liquid form depending on the temperature and the purity grade.

o **Application areas :**

• **Detergents :**

DIETHANOLAMINE is recommended as components in detergent formulations for laundry and dishwashing, degreasers, multiple use detergents and disinfectants. **DIETHANOLAMINE** can also be used as neutralizer agent in formulations of car wash shampoos, degreasers in general, wax removers and as corrosion inhibitors.

• **Agrochemicals :**

DIETHANOLAMINE is used as neutralizer agents for anionic emulsifiers. **DIETHANOLAMINE** can be used in the preparation of agricultural compounds obtained from 2,4D acid (2, 4 dichloro phenoxyacetic) and **DIETHANOLAMINE** can be used in the synthesis of glyphosate.

o **Packing :**

Bulk or in 220 Lit (net: 200 Kg) new drums, each 4 drums strapped on a pallet.