

**PRODUCT: Diethylene Glycol (DEG)**

**Diethylene Glycol (DEG)** is an organic compound with the formula  $(HOCH_2CH_2)_2O$ . It is a colorless, practically odorless, poisonous, and hygroscopic liquid with a sweetish taste. It is miscible in water, alcohol, ether, acetone, and ethylene glycol.

**Application:**

DEG is a widely used solvent. Also is used in the manufacture of unsaturated polyester resins, polyurethanes, and plasticizers.

Items	Test Method	Unit	Standards
Purity	ASTM E-202	Wt %	Min 99.8
Monoethylene glycol	ASTM E-202	Wt %	Max 0.05
Water Content	ASTM E-202	Wt %	Max 0.05
Acidity as acetic acid	ASTM D-1613	ppm	Max 50
Ash	DC – 254A	Gr/100ml	Max 50
Triethylene glycol	ASTM E-202	Wt %	Max 0.05
Color	ASTM D-1209	Pt-Co	Max 10
SP.GR (20/20)°C	ASTM D-891	-	1.1175 – 1.1195
Distillation @ 760 mm-Hg			
IBP	ASTM D-1078	°C	Min 242
DP	ASTM D-1078	°C	Max 250