



Pentagon Chemicals

No.7, Thiruverkadu Main Road, Ambattur Industrial Estate,
Ayappakkam, Chennai-600 077 Tamilnadu State-South India

Ph No.91-044-26820071 Cell No.9444007960

E-mail: contact@pentagonchemical.com

Website: www.pentagonchemical.com

Specification

TRIETHYLAMINE (TEA)

Appearance Clear colourless liquid with strong ammonical odour.
TEA exhibits golden yellow colour on long standing.

Physical Properties

Empirical Formula	C ₆ H ₁₅ N
Structural Formula	(C ₂ H ₅) ₃ N
Molecular Wt.	101.19
Sp. Gr. at 20°C	0.726-0.730
Refractive Index at 20°C	1.399 To 1.401
Boiling Point	89°C
Freezing Point	below -80 °C
Solubility in water	Soluble upto 18 deg C.
Sparingly soluble above	18 deg C
Flash Point (closed cup)	below -7 °C
Specifications	
Purity by GC (% wt.)	99.70% min.
Water Content (% wt.)	0.07% max.
Impurities (% wt.)	0.20% max.
IMDG Class	Class 3
UN Code No.	1296
CAS No.	121-44-8

For **PENTAGON CHEMICALS**

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Authorized Signatory