



## Triethylamine

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**Catalog Nr.** Q546

**Definition** Triethylamine is commonly employed in organic synthesis as a base, most often in the preparation of esters and amides from acyl chlorides.[2] Such reactions lead to the production of hydrogen chloride which combines with triethylamine to form the salt triethylamine hydrochloride, commonly called triethylammonium chloride

**CAS Number** 121-44-8

**Application** crop protection agents, pharmaceuticals, catalyst, formulation aids, acid binder, stabilizer, resin - bound foundry cores, extracting agent, paper

**Technical Data** PROPERTIES

Appearance:	Clear, colorless liquid.
Odor:	Strong ammonia-like odor.
Solubility:	5.5 g./100 g. water at 20C.
Specific Gravity:	0.73 @ 250/40C.
% Volatiles by volume @ 21C (70F):	100
Boiling Point:	90C (194F)
Melting Point:	-115C (-175F)
Vapor Density (Air=1):	3.5
Vapor Pressure (mm Hg):	57.1 @ 25C (77F)
Evaporation Rate (BuAc=1):	5.60
Flash point:	-9C (16F) CC

**Packaging & Handling** 330 lb drums; 4 to a pallet

**UN Number 1296      Class 3      Packaging Group II**

**Remarks**