

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 crop protection agents, pharmaceuticals, catalyst, formulation aids, acid binder, Application stabilizer, resin - bound foundry cores, extracting agent, paper Technical **PROPERTIES** Data 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 -9C (16F) CC Flash point: Packaging 330 lb drums; 4 to a pallet & Handling UN Number 1296 Class 3 Packaging Group II Remarks

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