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SPECIFICATION

TRIETHYLAMINE

Physical Properties:

Empirical Formula: $(C_2H_5)_3N$

Structural Formula:



Molecular Wt: 101.19

Sp. Gr. at 20: 0.726-0.730

Liquid Density g/ml at 20: 0.73

Boiling Point (°C): 89.4

Color (APHA): Max 15

FlashPoint(°C) : -11 °C

Refraction Index: 1,399-1,402

Specifications

Triethylamine, Min by wt. 99.7 GC

Monoethylamine , Max by wt. 0.1 GC

Diethylamine , Max by wt. 0.1 GC

Ethanol, Max by wt. 0.05 GC

Water, Max by wt. 0.1 KF

APHA , ppmPt Max by 15 Pt-Co method

Application Areas:

Used in pharmaceutical, pesticide, inhibitor, high-energy fuel, rubber curing ingredient etc.

Packaging: 140kgs or 150kgs net wt. in Iron Drums

Health & Safety:

Triethylamine is irritating to skin, eyes and mucous membrane. In case of contact, affected area should be washed with plenty of water. A dilute solution of Acetic Acid (2%) should be used to neutralize the Amine. Continuous inhalation of fumes and ingestion should be avoided. In event of inhalation or ingestion, victim should be moved to fresh air and oxygen should be administered. Vapour of Acetic acid (2%) or vinegar diluted 1:5 with water should be inhaled. To dilute the chemical in stomach, patient should consume copious quantity of milk and water. A medical practitioner should be consulted at once.

CAS No.: 121-44-8

IMDG Class: 3+8

Packing Group as per IMO: II

UN No.: 1296