

PIPERAZINE ANHYDROUS



CA's Number: 110-85-0

Other Names: Hexahydropyrazine; Piperazidine; Diethylenediamine;
1,4-Diazinane

Formula: $C_4H_{10}N_2$

PRODUCT INTRODUCTION

Piperazine is a cyclic organic compound possessing two nitrogen atoms in opposite positions within a 6-member heterocyclic ring. Piperazine exists as small alkaline deliquescent crystals with a saline taste. Piperazine is freely soluble in water and ethylene glycol, but insoluble in diethyl ether.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Conform
Piperazine (Anhydrous, as water free)	100.0 %
Water	0.1 %
Colour	5 HAZ

APPLICATION

- Piperazine is used as a raw material for the manufacture of quinolone drugs like Ciprofloxacin and Norfloxacin, which are having a strong wide spectrum anti bacterial characteristics to common sensitive and drug resistant bacteria.
- It is also used in manufacture of other drugs like Anthelmintics, Antihistamines, Antifilarials, Sedatives, Tranquilizers, Analgesics and Hormones for Humans and Animals
- It is also utilized in the manufacturing insecticides
- It also used for speciality chemicals and polymeric products like corrosion inhibitors, photographic chemicals, detergents, emulsifiers, textile and paper auxiliaries, wetting agents, waxes, cosmetics, poly condensation resins, copolymers, polyamides, polyurethane, rubber auxiliaries and hardener for epoxy resins.

PACKAGING OPTIONS

Drums

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