



Specialized in chemicals

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Technical Data Sheet

Imidazole

Product Information

Chemical Name	Imidazole
CAS #	288-32-4
Formula	C3H4N2
Molecular Weight	68.08
Synonyms	1,3-Dia-zole,Miazole;1H-Imidazol;Formamidine, N,N'-vinylene-;glioksal;IMD;Imidazol;Imidazolin;Imutex

Chemical Structure



Description

White crystal,Weakly alkaline.Soluble in water, ethanol, ethyl ether, chloroform and pyridine, slightly soluble in benzene, hardly soluble in petroleum ether.

Physical Properties

Melting point:88-91 ° C(lit.)
Boiling point:256 ° C(lit.)
Density:1.01 g/mL at 20 ° C
Flash point:293 ° F

Specificaton

Item	Specification	Results
Appearance	White crystal	Conforms
Content assay %	≥99.0	99.15
Water content %	≤0.4	0.24
Melting point °C	87.0~91.0	87.9~88.9

Applications

- 1, Mainly used as intermediate in medical industry to produce clotrimazole, miconazole, ketoconazole etc.
- 2, Used as curing agent for epoxy resin.
- 3, Used as material for climbazole etc..

Packaging

25kg /fiber drum
1*20'FCL load 9MT with pallets
1*40'FCL load 18MTwith pallets
450KG/pallet

Storage & Handling

Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

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