



Specialized in chemicals

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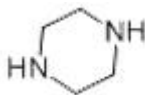
Technical Data Sheet

Piperazine Anhydrous

Product Information

Chemical Name Piperazine Anhydrous

Chemical structure



CAS # 110-85-0

EINECS 203-808-3

Formula C₄H₁₀N₂

Molecular Weight 86.14

Synonyms 1,4-Diazacyclohexane;1,4-Piperazine;Diethyleneimine;Dispermine;Eraverm

Description

White flaky solid .Easy moisture, has the strong alkaline, soluble in water and glycerol.

Physical Properties

Melting point 109-112°C

Boiling point 146°C

Density 1.1 g/mL at 25 °C(lit.)

Vapour pressure 0.8 mm Hg (20°C)

Flash point 65°C

Water solubility 150 g/L (20 DHS C)°C

Specification

-- Piperazine Anhydrous 99.5% Industry grade

Item	Specifications
Appearance	White flakes
Assay,%	≥ 99.5
Water, %	≤ 0.5
Color (Hazan)	≤ 50

-- Piperazine Anhydrous 99.7% Pharma grade

Item	Specifications
Appearance	White flakes
Assay,%	≥ 99.7
Water, %	≤ 0.2
Color (Hazan)	≤ 30

Applications

Piperazine Anhydrous is an important intermediate for medicines, pesticides and dyes.

- Mostly used as an important pharmaceutical intermediates in the production drive hatched from drug piperazine and piperazine phosphate, citrate and perphenazine, severe pain, rifampicin and equality,etc.
- Used as intermediate of fungicide triforine.
- Used in the production of wetting agent, emulsifier, dispersant, surface active agent products and production of antioxidants, preservatives, and rubber additives and other plastic processing additives,etc.
- Also used for testing chemical reagent of magnesium, bismuth, gold and other metals.

Packaging

50kg per carton
Total 9 MT per 20ft container with pallets.

Safety & Storage & Handling

Stored in cool and airy place; away from fire and heat; handle with care;no breakage, avoid leakage.
It is valid for 1 year under proper condition.

Piperazine Anhydrous is classified as Dangerous Good for transport (UN 2579, Class 8, Packing group III)

* Please refer to MSDS for more information about Safety, Storage and Transportation.