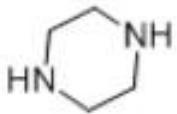


Technical Data Sheet

Basic information

Chemical name	Piperazine Anhydrous	Formula	C4H10N2
Synonyms	1,4-Diazacyclohexane;1,4-Piperazine;Diet hyleneimine;Dispermine;Eraverm	Chemical structure	
CAS.No.	110-85-0		
EINECS No.	203-808-3		
Molecular weight	86.14		

Physical properties

Appearance	White solid
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

Specification

Items	Specification
Appearance	White flakes
Assay,%	≥ 99.7
Water, %	≤ 0.5
Color (Hazen)	≤ 30

Application

- Piperazine anhydrous are used in the manufacture of plastics, resins, pesticides, brake fluid and other industrial materials. Piperazine anhydrous, especially BZP and TFMPP were extremely common adulterants in the club and rave scene, often being passed off as MDMA, although they do not share many similarities in their effects.
- Piperazines is also a fluid used for CO₂ and H₂S scrubbing in association with methyl diethanolamine (MDEA).
- 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.

