



Specialized in chemicals

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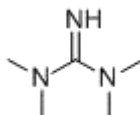
Site: www.tnjchem.com

Technical Data Sheet

Tetramethylguanidine

Product Information

Product Name	Tetramethylguanidine
Synonyms	1,1,3,3-Tetramethylguanidine; N,N,N',N'-Tetramethylguanidine
CAS No.	80-70-6
EINECS No.	201-302-7
Molecular formula	C ₅ H ₁₃ N ₃
Molecular weight	115.18
Chemical structure	



Physical Properties

Colorless transparent liquid. With the smell of ammonia.

Density	0.918g/ml at 25°C
Melting Point	-30°C
Boiling Point	52~54°C at 11mm Hg
Flashing Point	140°F
Vapor pressure	0.2 mm Hg at 20°C

Specification

<u>Items</u>	<u>Specification</u>
Appearance	Colorless transparent liquid
Assay	≥99.0%
Water	≤0.2%

Safety

Tetramethylguanidine is hazard class 8 dangerous material, corrosive liquid.
Always refer to the Material Safety Data Sheet (MSDS)

Applications

- 1) It is used in pharmaceutical and chemical raw materials synthesis.
- 2) It is mainly used as catalyst for the polyurethane foam.
- 3) It is mainly used in medicine in the production of cephalosporin antibiotics.

Packaging

180kg per galvanized iron drum, 14.4MT per 20'ft container with or without pallet

Storage & Handling

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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