

## Tetramethylpropanediamine CAS110-95-2 TMPDA

### Overview:

Tetramethylpropanediamine (N,N,N',N'-Tetramethyl-1,3-propanediamine), colorless to light yellow transparent liquid, soluble in water and alcohol, its content is generally greater than 98%. Used as a catalyst for polyurethane foams and microporous elastomers, and as a curing catalyst for epoxy resins

Chinese name Tetramethylpropanediamine

English name N,N,N',N'-Tetramethyl-1,3-propanediamine (TMPDA)

Alias N,N,N',N'-tetramethyl-1,3-propanediamine, TMPDA

Chemical formula C<sub>7</sub>H<sub>18</sub>N<sub>2</sub>

Molecular weight 130.23

CAS Registry Number 110-95-2

EINECS registration number 203-818-8

Boiling point 145-146° C

Water soluble

Density 0.78

Flash point 32° C

Hazard symbol T

Hazard description Toxic and flammable substances

Dangerous goods transport number UN2734

Refractive index 1.4224~1.4244

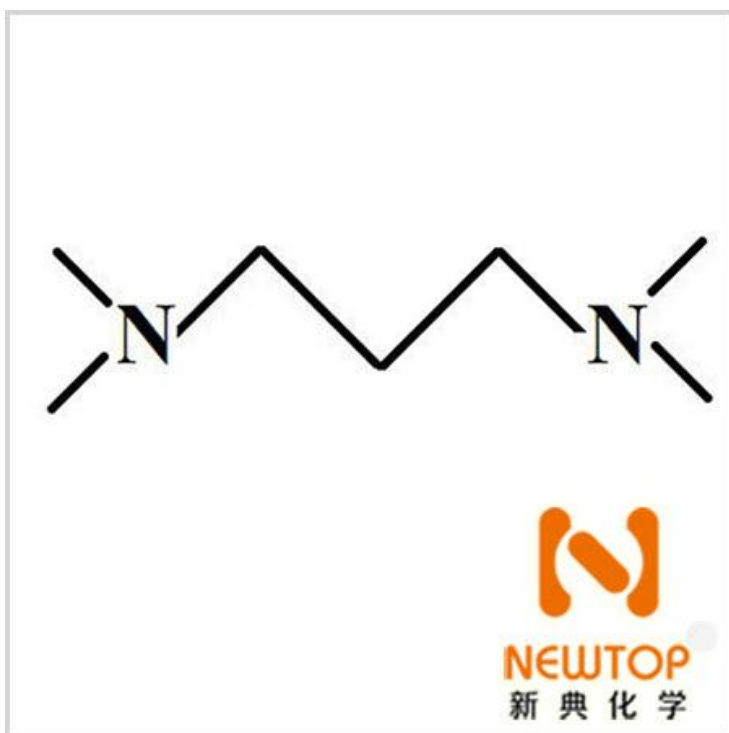
Chinese name: tetramethylpropanediamine

Chinese alias: N,N,N',N'-tetramethyl-1,3-propanediamine

English name: N,N,N',N'-Tetramethyl-1,3-propanediamine

English aliases: N,N,N',N'-tetramethyltrimethylenediamine; N,N,N',N'-Tetramethyl-1,3-propanediamine; 1,3-Bis(dimethylamino)propane; Tetramethylpropylenediamine; N,N,N',N'-tetramethylpropane-1,3-diamine; [1] N,N,N',N'-tetramethylpropane-1,3-diaminium

Tetramethylpropanediamine 110—95—2 tmeda Polycat 2 Lupragen N501



**Physical and chemical properties:**

Relative density (25°C): 0.78

Boiling point: 145°C

Refractive index (20°C): 1.4224~1.4244

Vapor pressure (20°C): 532Pa

Flash point: 32°C

Storage: Keep away from air and store in a dry, cool and ventilated warehouse.

**Product properties:**

Molecular formula: C7H18N2;

Relative molecular mass: 130;

CAS number: 110-95-2;

Boiling point: 145°C;

Density (25°C): 0.78g/cm3;

Flash point: 32°C;

**Product Usage:**

Tetramethylpropanediamine is mainly used in the production of polyurethane foams and polyurethane microcellular elastomers, and can also be used as an epoxy resin curing catalyst.

**Storage and transportation:**

Should be sealed and stored in a dry, cool and ventilated warehouse

**package:**

200KG/drum Storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent the water and other substances from mixing into the product and affecting its performance. Store in a cool, dry place, keep the container sealed and avoid contact with oxides. Do not breathe dust, avoid skin and mucous membrane contact. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change clothes. Store contaminated clothing separately and wash it before reuse. Maintain good hygiene habits.

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## FAQ

Q1: May I get one sample before placing order?

Re: Yes, Sample are available. For normal products, samples are for free and you just need to bear the freight; For those high value products, you just need to freight and certain product cost. When we both cooperate for some times or when you are our VIP customer, free sample will be offered when you need.

Q2: Which payment is available for your company?

Re: T/T, L/C ,You can choose the one which is convenient for you.

Q3: How and when can I get my goods after payment?

Re: For small quantity products, they will be delivered to you by international courier(DHL, FedEx, TNT etc.)

or by air. Usually it will cost 3-5days that you can get the goods after delivery.For large quantity products, shipping by sea is worthwhile.It will cost days to weeks to come to your destination port, which depends on where the port is.

Q4: Is there any possible to use my appointed label or package?

Re: Yes. If needed, we'd like to use label or package according to your requirement.

Q5: How can you guarantee the goods you offer is qualified?

Re: We always believe honesty and responsibility are basis of one company, so whatever products we provide for you all are qualified.