

## Cyclohexanamine CAS 7003-32-9 2-methylcyclohexylamine

### Overview:

The English name of methylcyclohexylamine is Cyclohexanamine, 2-methyl-, the CAS number is 7003-32-9, the molecular formula is C<sub>7</sub>H<sub>15</sub>N, the molecular weight is 113.2, and it is a pharmaceutical intermediate. pay attention.

Chinese name 2-methylcyclohexylamine

Foreign name Cyclohexanamine, 2-methyl-

CAS number 7003-32-9

Molecular formula C<sub>7</sub>H<sub>15</sub>N

Molecular weight 113.2

Category Pharmaceutical Intermediate

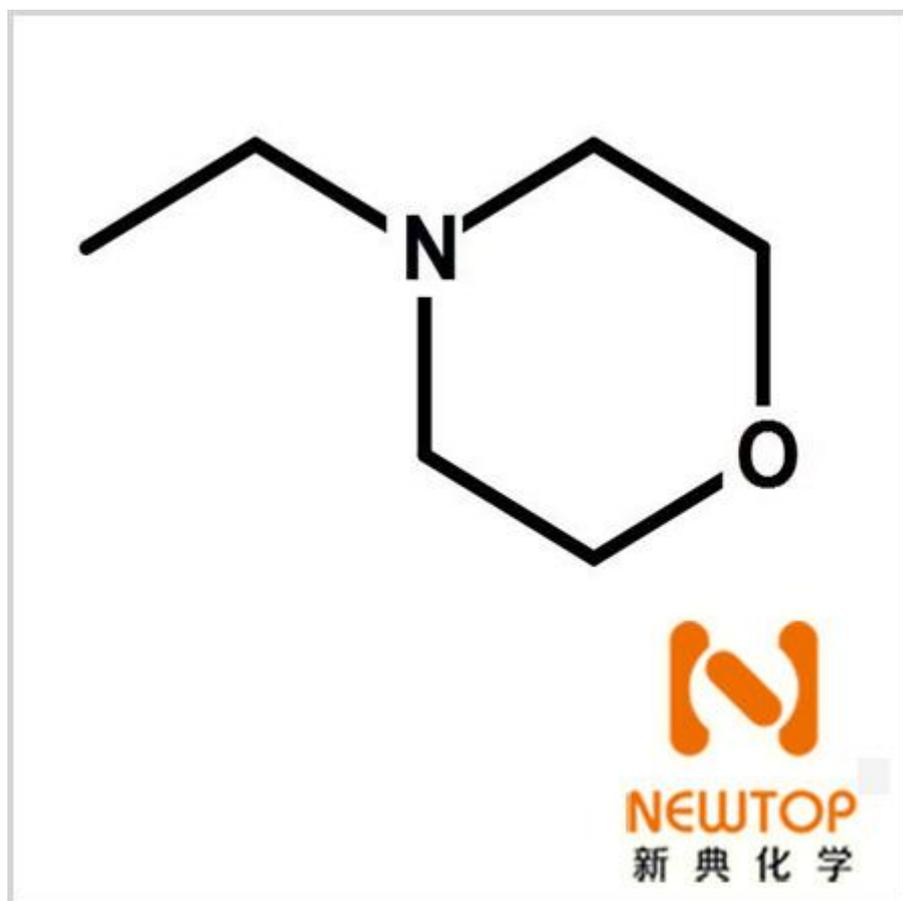
### Chemical name: N,N-dimethylcyclohexylamine

Abbreviation: DMCHA

Alias: Pentamethyldiethylenetriamine, CAS 3030-47-5, Polycat 5, Niox C-5, Jeffcat PMDETA, Lupragen N301, Tegoamin PMDETA, PC CAT PMDETA, Addocat PV, Toyocat DT, Polycat 5 catalyst, hard foam Catalyst PC5

English name: N,N-dimethylcyclohexylamine

Chemical formula: C<sub>8</sub>H<sub>17</sub>N



### Physical and chemical properties:

N,N-dimethylcyclohexylamine is a colorless to pale yellow transparent liquid at room temperature, soluble in alcohol and ether solvents, but insoluble in water. It is a strongly basic tertiary amine compound.

Boiling range: 160-165°C

Freezing point: -60°C

Viscosity (25°C): 2mPa.s

Density (25°C): 0.85-0.87g/cm<sup>3</sup>

Refractive index (20°C): 1.4541-1.4550

Flash point (closed cup): 40-41°C.

The explosion limit (volume fraction) of steam in air is small: 3.6%, large: 19.0%.

**Production method:**

There are many synthetic routes for N,N-dimethylcyclohexylamine. According to different types of raw materials, there are cycloethanone method, N,N-dimethylcyclohexylamine method, cyclohexylamine method, and phenol method.

**use:**

The main use of N,N-dimethylcyclohexylamine is as a catalyst for rigid polyurethane foam. It is a low-viscosity, moderately active amine catalyst used for refrigerators, plates, spraying, and in-situ polyurethane foam infusion. The catalyst has a catalytic effect on both gel and foam, and provides a more balanced catalytic performance for the foaming reaction and gel reaction of hard foam. It has a stronger catalyst for the reaction of water and isocyanate (foaming reaction). The reaction of polyol feather isocyanate is also moderately catalytic, and it is a strong initial catalyst for the foam reaction. In addition to hard foams, it can also be used as an auxiliary foaming agent for molding soft foams and semi-rigid foams. It has stable performance, great adjustability, and long-term storage.

**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.

Company Name:	Newtop Chemical Materials (Shanghai) Co., Ltd.
Sales Manager:	Hunter
E-Mail:	<a href="mailto:Hunter@newtopchem.com">Hunter@newtopchem.com</a>
Tel:	+86 21-5161 9972
Mobile Phone:	+86-18301903153
Address:	Rm. 1104, No. 258, Songxing West Road, Baoshan District, Shanghai, China (Mainland)

Website:	<a href="http://www.newtopchem.com">www.newtopchem.com</a>
----------	--

## 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.