

Bis(dimethylaminoethyl) ether CAS3033-62-3 BDMAEE

Overview:

Bis(dimethylaminoethyl) ether, abbreviation: BDMAEE

Alias: bis(dimethylaminoethyl) ether, catalyst BDMAEE, blowing catalyst BDMAEE, BDMAEE, Dabco BL-19, Niax A-501, Jeffcat ZF-20, Lupragen N205, PC CAT NP99, Addocat 9558, Toyocat ETS, Foaming catalyst, polyurethane foaming catalyst

English name: bis(2,dimethylaminoethyl)ether; 2,2' -oxybis(N,N-dimethylethylamine)

Molecular formula: C₈H₂₀N₂O

CAS Number: 3033-62-3

Chinese name bis-dimethylamino ethyl ether

Foreign name bis(2,dimethylaminoethyl)ether; 2,2' -oxybis(N,N-dimethylethylamine)

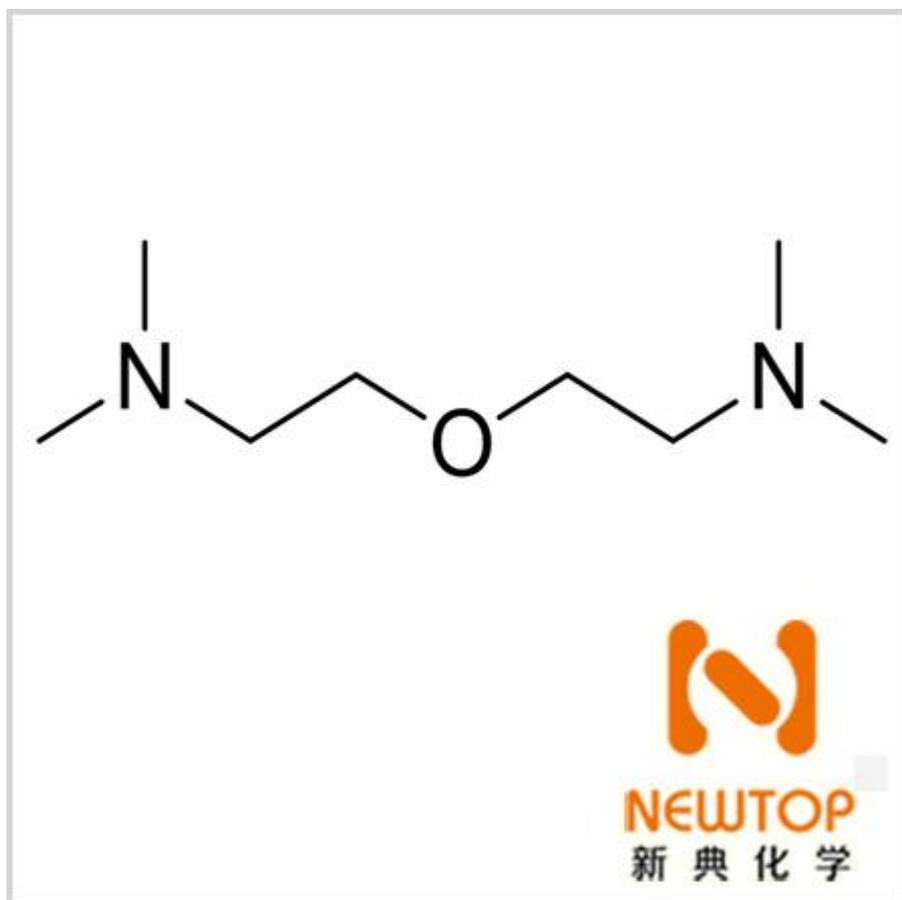
Molecular formula C₈H₂₀N₂O

CAS number 3033-62-3

Viscosity (25°C) 1.4mPa.s

Density (25°C) 0.85g/cm³

Flash point 64-68°C



Physical and chemical properties:

Appearance is light yellow transparent liquid, can be dissolved in water indefinitely, water-soluble is alkaline.

Viscosity (25°C): 1.4mPa.s

Density (25°C): 0.85g/cm³

Flash point: 64-68°C

Freezing point: below -70°C

Boiling point: 189°C

Vapor pressure (21°C): 37Pa

Flash point: 160°C

The appearance is light yellow transparent liquid, which can be dissolved in water indefinitely, the aqueous solution is alkaline, PKa1=10.1, PKa2=7.6. Viscosity (25°C) 1.4mPa.s, density (25°C) 0.85g/cm³, flash point 64-66°C, combustion limit 1.0%~5.1%, freezing point: below -70°C, refractive index (20°C) 1.436, Boiling point 189 °C, boiling point (1333Pa) 76 ~ 82 °C vapor pressure (21 °C) 37Pa.

Production method:

Bis(dimethylaminoethyl) ether can be obtained by reacting dimethylethanol with dimethylamino-2-chloroethane to dehydrogenate.

Features and uses:

Bis(dimethylaminoethyl) ether is one of the important amine catalysts in the polyurethane industry. Bis(dimethylaminoethyl) ether has very high catalytic activity and selectivity for the foaming reaction, and the pure product has high activity. People use diol to dilute it into solution.

A-1 catalyst is a catalyst composed of 70% bis(dimethylaminoethyl) ether and 30% dipropylene glycol (DPG).

use:

Bis(dimethylaminoethyl) ether is one of the important amine catalysts in the polyurethane industry. Bis(dimethylaminoethyl) ether has very high catalytic activity and selectivity for the foaming reaction, and the pure product has high activity. People use diol to dilute it into solution.

Storage and transportation:

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

package:

180KG/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.

Company Name:	Newtop Chemical Materials (Shanghai) Co., Ltd.
Sales Manager:	Hunter
E-Mail:	Hunter@newtopchem.com

Tel:	+86 21-5161 9972
Mobile Phone:	+86-18301903153
Address:	Rm. 1104, No. 258, Songxing West Road, Baoshan District, Shanghai, China (Mainland)
Website:	www.newtopchem.com

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.