

NT CAT PC-8 CAS No.:98-94-2 N,N-Dimethylcyclohexylamine

Overview:

Common Name: N,N-Dimethylcyclohexylamine

Other Chemical Names:

DMCHA; N,N-Dimethylcyclohexylamine(LupragenN100Dimethylcyclohexylamine);

N,N-Dimethylcyclohexylamine(LupragenN100);

N-CyclohexyldimethylamineDimethylChemicalbookaminocyclohexane;

N,N-diMethylcyclohexylamine; Cyclohexanamine,N,N-dimethyl-;

Cyclohexylamine,N,N-dimethyl-; Cyclohexylamine,N,N-dimethyl-

MF: C₈H₁₇N

MW: 127.23

CAS: 98-94-2

Typical Properties

Appearance	Form: clear, liquid
	Colour: colourless
PH	12 at 5 g/l at 20 °C
Melting point/freezing point	Melting point/range: -60 °C
Initial boiling point and boiling range	160 - 161 °C - lit.
Flash point	43 °C - closed cup
Upper/lower flammability or explosive limits	Upper explosion limit: 19 %(V) Lower explosion limit: 3,6 %(V) Upper explosion limit: 19 %(V) Lower explosion limit: 3,6 %(V)
Vapour pressure	0.0399kPa at 20 °C
Vapour density	2.53
Relative density	0,87 g/cm ³ at 25 °C

Description

NT CAT PC-8 is a tertiary amine used primarily to promote the urethane (polyol-isocyanate) reaction in a wide range of rigid foam applications.

Applications

NT CAT PC-8 is recommended for evaluation in a broad range of rigid foams. A major application is insulation foams, including spray, slabstock, board laminate and refrigeration formulations. NT CAT PC-8 is also used in rigid foam furniture frame and decorative parts manufacturing. It can be batched with the polyol or metered as a separate stream.

Storage Information

Newtop Chemical Materials (Shanghai) Co.,Ltd.

Telephone: +86 21-5161 9972

Email: Tom@newtopchem.com

NEWTOP Chemical recommends that our catalysts be stored in a dry and cool area under appropriate ventilation conditions. Each container should be closed tightly to avoid contamination with moisture or other negative influences that could change the products' performance in the end use. The optimum storage temperature is between 10 °C and 30° C. Lower and higher storage temperatures are not preferable and should be avoided.

Shelf Life:

24 Months

Standard Packaging:

170KG Steel Drum

850KG IBC Drum

(Polycat 8, Niax C-8, Jeffcat DMCHA, Lupragen N100 Tegoamin DMCHA, PC CAT DMCHA, Toyocat DMCHA)