



TOSOH CORPORATION

TOYOCAT-NP

Product Information Sheet

1-(Dimethylaminoethyl)-4-methylpiperazine

CAS number **104-19-8**
EC number **203-183-7**
TSCA **YES**

Item	Specification	Analytical Method
Purity (%)	98.0 Maximum*	TS TOYOCAT-011D TS TOYOCAT-006B
Water content (%)	0.5 Maximum *Including 2.0% maximum of PMDETA	TS TOYOCAT-005A

Item	Physical data	Analytical Method
Appearance	Colorless Liquid	TS TOYOCAT-001A
Specific Gravity (H ₂ O=1, @20°C)	0.89	TS TOYOCAT-003E
Viscosity (mPa·s, @25°C)	3	B-Model Viscometer
Freezing Point (°C)	<-20	
Boiling Point (°C)	212	
Vapor Pressure (Pa, @20°C)	<13Pa	
Vapor Density (air=1)	5.95	Calculated
Autoignition temperature (°C)	179	
Flash Point (°C)	92	TS-Amine-026A
Solution in water	Freely soluble	
pH (10%aq., 20°C)	11.5	
Calculated OH number (mg KOH/g)	0	

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TOSOH CORPORATION
3-8-2 Shiba Minato-ku
Tokyo Japan 105-8623
Tel:81-(0)3-5427-5164
Fax:81-(0)3-5427-5215
E-mail: fc_amine@tosoh.co.jp
Internet: <http://www.tosoh.com>

TOSOH EUROPE B.V.
Crown Bldg.-South, Hullenbergweg 359,
1101 CP Amsterdam Z.O., The Netherlands
Tel:31-(0)20-565-0010
Fax:31-(0)20-691-5458
E-mail: info@tosoh.com

TOSOH SPECIALTY CHEMICAL USA, Inc.
4080 McGinnis Ferry Road,
Suite 1303, Alpharetta, Georgia 30005
Tel:1-770-442-9501
Fax:1-770-442-2785
E-mail:tscu@tosoh.com

TOSOH ASIA Pte.Ltd.
63 Market Street #10-3
Singapore 048942
Tel:65-6226-5106
Fax:65-6226-5215
E-mail:info@tosoh.com.sg

TOSOH (SHANGHAI) Co.,Ltd.
Room 2618A,International Trade Center,
No.2201 Yan-An West Road,
Shanghai China 200336
Tel:86-21-6270-2810
Fax:86-21-6270-2820