



TOYOCAT-NCE

Product Information Sheet

Tertiaryamine salts

	Tertiaryamine salts
CAS number	YES
EC number	YES
TSCA	YES

All Ingredients are listed on TSCA and EINECS

Item	Specification	Analytical Method
Amine value (mgKOH / g)	356 -384	TS TOYOCAT-004A
Water content (%)	0.7 Maximum	TS TOYOCAT-005A
Acid value (mgKOH / g)	247 - 273	TS TOYOCAT-007

Item	Physical data	Analytical Method
Appearance	Amber Liquid	TS TOYOCAT-001A
Specific Gravity (H ₂ O=1, @20°C)	0.99	TS-Amine-003C
Viscosity (mPa·s, @25°C)	364	B-Model Viscometer
Freezing Point (°C)	<5	
Boiling Point (°C)	190	
Vapor Pressure (Pa, @20°C)	<13Pa	
Vapor Density (air=1)	6.18	Calculated
Autoignition temperature (°C)	Not Available	
Flash Point (°C)	81	TS-Amine-026A
Solution in water	Soluble	
pH (10%aq., 20°C)	8.8	
Calculated OH number (mg KOH/g)	260.2	

HISTORY

Date of first issue:	2000 March 22 nd
Issued date:	2013 August 22 nd
Version:	11

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@tosoheur.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