

I-6 Pricing of cyclohexylamine

The price of CHA fluctuates mainly in compliance with the trend of aniline, and the price trend of CHA is similar to that of aniline. The price of CHA usually is RMB4,000/t ~ RMB4,500/t higher than the that of aniline, when CHA market is prosperous, but when the market of CHA is in depression, the price of CHA will be much lower, but still RMB3,000/t higher than the price of aniline at least.

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Table I-6-1 Current price of CHA in China in Nov. 2007

No.	Abbreviation	Status	Specification	Quotation(RMB/t) 'Nov.07
1				
2				
3				
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5				
6				
7				
8				
9	Shandong Huaqiang	Active	99.30%	15,400
10	Shandong Jiashi	Active	99.30%	13,500

II Import & export of cyclohexylamine from 2005 to Sep. 2007

- Overview of China's import & export of CHA

➤ Volume of import & export

Compared to CHA's output, which is over 30,000t/a, China's export volume has been small in recent years. China's export volume was only 121.980 tonnes in 2005 and 152.955 tonnes in 2006, constituting 0.36% of the total output in 2006.

Import volume of China's CHA decreases year by year, it was 4810.433 tonnes and 3678.986 tonnes in 2005 and 2006 respectively, the import volume in 2006 being 1,131.447 tonnes less than that of 2005.

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Figure II-1 Import and export volume of CHA from Jan. 2005 ~ Sep. 2007



III Consumption of cyclohexylamine in China

The development of CHA is closely related with its downstream products, including cyclamate and CBS.

Before 1995, because the slowly development of cyclamate and CBS, the CHA industry is growing very slowly in China. Since 1998, owing to the rapid growth of cyclamate industry, the CHA industry in China is also developing fast.

The CHA consumed by CBS, which accounted for █% of the total CHA's consumption in 1998, increased to █% in China in 2006. On the contrary, the CHA consumed by cyclamate, which accounted for █% of the total CHA consumption in 1998, dropped to █% in China in 2006. Meanwhile, the total consumption volume of CHA increased from 439 tonnes in 1985 to 38,327 tonnes in 2006.

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- Consumption of CHA

Table III-1 Consumption of CHA in China

Unit: tonne

Year	Consumption on cyclamate	Consumption on CBS	Others	Total consumption of CHA
1985	-	439	-	439
1986	-	421	-	421
1987	-	737	-	737

1988	-	817	-	817
1989	-	1,112	-	1,112
1990	150	1,313	-	1,463
1992	2,000	1,313	-	3,313
1998	11,000	2,340	-	13,340
1999	8,000	2,078	800	10,878
2001	11,500	5,274	N/A	17,774
2002	20,850	6,368	500	27,718
2003	22,500	7,650	600*	30,750
2004	████████	████	██	████████
2005	████████	████	██	████████
2006	████████	████	██	████████
2007.1H	████████	██	██	████