I-3 Current production situation of aniline in China

In recent years, China's aniline production has maintained a strong growth, thanks to great demand from downstream industries, especially MDI and rubber ingredients. As of Oct. 2010, there have been mainly 25 aniline producers in China……

Figure I-3-1 Capacity and output of aniline and their growth rate in China, 2005~2009

Note: Aniline capacity here includes the aniline capacity of MDI producers, but output here excludes that of the MDI producers.

Source: CCM International

Situation of producers

Table I-3-4 Key active aniline producers in China, as of Oct. 2010

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Abbreviation</th>
<th>Location</th>
<th>Capacity 2008, t/a</th>
<th>Capacity 2009, t/a</th>
<th>Capacity 2010, t/a</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td>Shanghai</td>
<td></td>
<td></td>
<td>280,000</td>
</tr>
<tr>
<td>2</td>
<td>Nanjing Chemical</td>
<td></td>
<td>Jiangsu</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td>Jilin</td>
<td></td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>160,000</td>
</tr>
<tr>
<td>5</td>
<td>Shaxi Tianji</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td>Jiangsu</td>
<td></td>
<td></td>
<td>135,000</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Shandong Jinling Chemical Co., Ltd.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>60,000</td>
</tr>
</tbody>
</table>

Source: CCM International
I-5 Import & export analysis of aniline, 2008~Oct. 2010

Figure I-5-1 Import and export volume of aniline in China, 2005~Oct. 2010

![Import and export volume of aniline in China, 2005~Oct. 2010](source: CCM International)

Table I-5-1 Import volume of Yantai Wanhua and Ningbo Wanhua and its percentage against the total in China, 2004~2007 and Jan. ~Oct. 2010

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Import volume, tonne</td>
<td>4,081,864</td>
<td></td>
<td></td>
<td>49,142,392</td>
<td></td>
</tr>
<tr>
<td>Percentage</td>
<td></td>
<td>75.34%</td>
<td></td>
<td></td>
<td>100.00%</td>
</tr>
</tbody>
</table>

*Note: Detailed data about import volume of Yantai Wanhua and Ningbo Wanhua in 2008 and 2009 is unavailable*

Source: CCM International

Shandong Wanhua is the largest importer of aniline in China, and previously both Yantai Wanhua and Ningbo Wanhua, its two subsidiaries, imported aniline.....
I-6 Raw material of aniline

I-6-1 Nitrobenzene

I-6-1-1 Production

Figure I-6-1-1-2 Output and output growth rate of nitrobenzene in China, 2005~2009

Source: CCM International

Figure I-6-1-1-3 Price of pure benzene, nitrobenzene and aniline in China, 2005~Jan. to Oct. 2010

Source: CCM International
I-7 Consumption pattern of aniline in China

1-7-1 Market analysis by geographical distribution

Figure 1-7-1-1 Consumption of aniline by geographical distribution in China, 2009

Northeast China
North China
South Central China
Southwest China
East China

Note: East China (Shanghai, Jiangsu, Zhejiang, Anhui, Fujian, Jiangxi, Shandong); North China (Beijing, Tianjin, Hebei, Shanxi, Inner Mongolia); South Central China (Henan, Hubei, Hunan, Guangdong, Guangxi, Hainan); Northwest China (Shanxi, Gansu, Qinghai, Ningxia, Xinjiang); Southwest China (Chongqing, Sichuan, Guizhou, Yunnan, Tibet); Northeast China (Liaoning, Jilin, Heilongjiang)

Hong Kong, Macao and Taiwan are excluded here

Source: CCM International

1-7-2 Market analysis by downstream industry distribution

Figure 1-7-2-1 Consumption volume of aniline in China, 2005~2009

Note: Aniline apparent consumption volume here excludes that produced by MDI producers themselves

Source: CCM International
**Figure 1-7-2-2** Consumption structure of aniline in China, by volume, 2009

![Pie chart showing consumption structure of aniline in China]

*Source: CCM International*

**I-10 Price of aniline in recent years and factors for changes**

……


The aniline price reached around USDxx/t in Jan. 2008, showing that the aniline market competition became increasingly intense along with the expanding aniline capacity. After April 2008……

**Figure I-10-1 Price of aniline in China, Jan. 2008~Oct. 2010**

![Graph showing price changes of aniline from Jan. 2008 to Oct. 2010]

*Source: CCM International*