Note: Key data/information in this sample page is hidden, while in the report it is not.

3 Supply of aniline in China

3.1 Current production situation of aniline in China

3.1.1 Summary of aniline production, 2008 ~2012

Since 2008, the development of China's aniline industry has slowed down a lot due to the global financial crisis. However, it has recovered thanks to the stimulus packages of Chinese government in H2 2009.

In 2010, the whole industry experienced a thriving stage, and the output of non-captive aniline reached near xxxx tonnes in 2010.

So during H2 2009 to 2010, many producers carried out plans such as building new production lines to enlarge their capacity because they were quite positive towards the future prospect of aniline market. With these projects which were finished in 2011, the capacity of aniline boomed.

However, when Yantai Wanhua Polyurethanes Co., Ltd. (Yantai Wanhua), the largest MDI producer in China, launched its own aniline production line with a capacity of xxxxt/a in Ningbo in Jan. 2011, the purchased amount from other aniline producers decreased a lot. Since the increased amount from other downstream industry such as rubber ingredient industry and dyestuff industry was far less than the decreased amount, the output of non-captive aniline decreased a lot.

Other two MDI producers, Bayer MaterialScience (China) Co., Ltd. and Shanghai BASF Polyurethane Co., Ltd., produced aniline to support their own MDI production. Adding these amount of aniline, the total output of aniline reached xxxx tonnes in 2011.

In 2012, Yantai Wanhua, Shandong Jinling Group Co., Ltd. and Shanxi Tianji Coal Chemical Industry Group Co., Ltd. set up new aniline production lines. Thereinto, Yantai Wanhua's aniline capacity increases to xxxxt/a for its MDI production. In 2012, the total output of aniline reaches xxxx tonnes in China.

3.1.2 Situation of producers,2008~2012

As of Aug. 2013, there are xxxx active aniline producers in China, among which Yantai Wanhua and Hubei Huaqiang are new producers who initiate their aniline production in 2011, with capacity of xxxxt/a and xxxxt/a respectively.

Table 3.1.2-1 Production concentration of aniline in China, 2010-2012

	Top 3 companies		**Top 5 companies**		**Top 10 companies**		**Total, t/a**
	Capacity, t/a	**Percentage**	**Capacity, t/a**	**Percentage**	**Capacity, t/a**	**Percentage**	
2010	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
2011	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
2012	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx

Source: CCM

Table 3.1.2-2 Key active aniline producers in China, 2012

No.	**Name**	**Abbreviation**	**Location**	**Capacity 2010, t/a**	**Capacity 2011, t/a**	**Capacity 2012, t/a**
1	Yantai Wanhua Polyurethanes Co., Ltd.	Yantai Wanhua	Shandong	xxxx	xxxx	xxxx
2	-	-	-	xxxx	xxxx	xxxx
3	-	-	-	xxxx	xxxx	xxxx
4	-	-	-	xxxx	xxxx	xxxx
5	-	-	-	xxxx	xxxx	xxxx
6	-	-	-	xxxx	xxxx	xxxx
7	-	-	-	xxxx	xxxx	xxxx
8	-	-	-	xxxx	xxxx	xxxx
9	-	-	-	xxxx	xxxx	xxxx
10	-	-	-	xxxx	xxxx	xxxx
11	-	-	-	xxxx	xxxx	xxxx
12	-	-	-	xxxx	xxxx	xxxx
13	-	-	-	xxxx	xxxx	xxxx
14	-	-	-	xxxx	xxxx	xxxx
Total	**/**	**/**	**/**	**xxxx**	**xxxx**	**xxxx**

Source: CCM

3.2.3 Import and export

China seldom imports nitrobenzene from overseas market. Most of Chinese nitrobenzene production units serve as the supporting facility of aniline equipment. Chinese aniline producers would adjust their nitrobenzene production according to their aniline production. So the annual import volume of nitrobenzene is always small and below xxxx tonnes in China from 2005 to 2012.

In this section, CCM will mainly analyze the export situation of nitrobenzene. The export of nitrobenzene is closely related to the demand of aniline and the safety of production units.
The export volume of nitrobenzene has decreased since 2005, because the demand from aniline production increased and most nitrobenzene was consumed by domestic aniline producers. The aniline producers are also the major exporters of nitrobenzene, such as Nanjing Chemical, Taixing SP Chemicals and Shandong First.

Xxxx are the major export destinations of China's nitrobenzene during the past few years. In 2012, xxxx is the largest export destination of China's nitrobenzene.

Table 3.2.3-1 Export and import volume of nitrobenzene in China, 2008-2012

Year	Import volume, tonne	Export volume, tonne
2008	xxxx	xxxx
2009	xxxx	xxxx
2010	xxxx	xxxx
2011	xxxx	xxxx
2012	xxxx	xxxx

Source: CCM & China Customs

5 Demand of aniline in China

5.1 Current consumption situation (volume & value)

In 2012, the total consumption volume of aniline in China is xxxx tonnes, increasing slightly from that in 2011.

The growth of aniline consumption is attributed to the increasing demand from MDI industry and rubber ingredient industry. However, most MDI producers are self-supplied with aniline. Take 2011 as an example, xxxx% of the aniline consumption in MDI, which is xxxx tonnes, is captive consumption of MDI producers.

The market value of aniline is approximately xxxx billion in 2012.

5.1.2 Market analysis by downstream industry distribution

Due to the rapid development of MDI and rubber ingredient industry in these years, the main consumption field of aniline has turned to these two fields from some traditional fields such as dyestuff, pigment and pharmaceutical, etc.

MDI is the largest consumption field of aniline which consumes xxxx tonnes of aniline in 2012, taking up xxxx of the total consumption volume. It is expected that the ratio will reach xxxx in the future.

Rubber ingredient industry is the second largest consumption field of aniline. It consumes xxxx tonnes of aniline in 2012, taking up xxxx of the total consumption volume. The consumption of aniline in rubber ingredient industry increased a lot in the past few years, even if not as much as that of MDI. And the ratio of the consumption of aniline in rubber ingredient industry fell a little in the past few years, from xxxx in 2009 to xxxx in 2012.

The consumption in dyestuff, pigment, pharmaceutical and other industries increases slowly in 2012.