

Note: All data/information are displayed in the complete report, while hidden in this sample report.

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## 1 Introduction to ethylene glycol & diethylene glycol industry

China started producing EG firstly in the 1960s, and the development was very slowly in the first 10 years. After entering the 1970s, the industry enjoyed its first fast growing stage along with the development of China's petrochemical industry. However, the downstream of EG was still undeveloped.

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## 2 Introduction to key raw materials of ethylene glycol & diethylene glycol

At present, all of the EG & DG in China are produced by water and ethylene oxide which majorly comes from ethylene. And all of the EG & DG producers in China build ethylene oxide production facilities to self-supply raw materials.

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## 3 Supply of ethylene glycol & diethylene glycol

### 3.1 Summary of ethylene glycol & diethylene glycol production, 2008–2012

In the past five years, both China's EG capacity and output have enlarged significantly, with capacity almost doubled and output increased by more than 60%.

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Table 3.1-1 Production distribution of EG in China, 2012

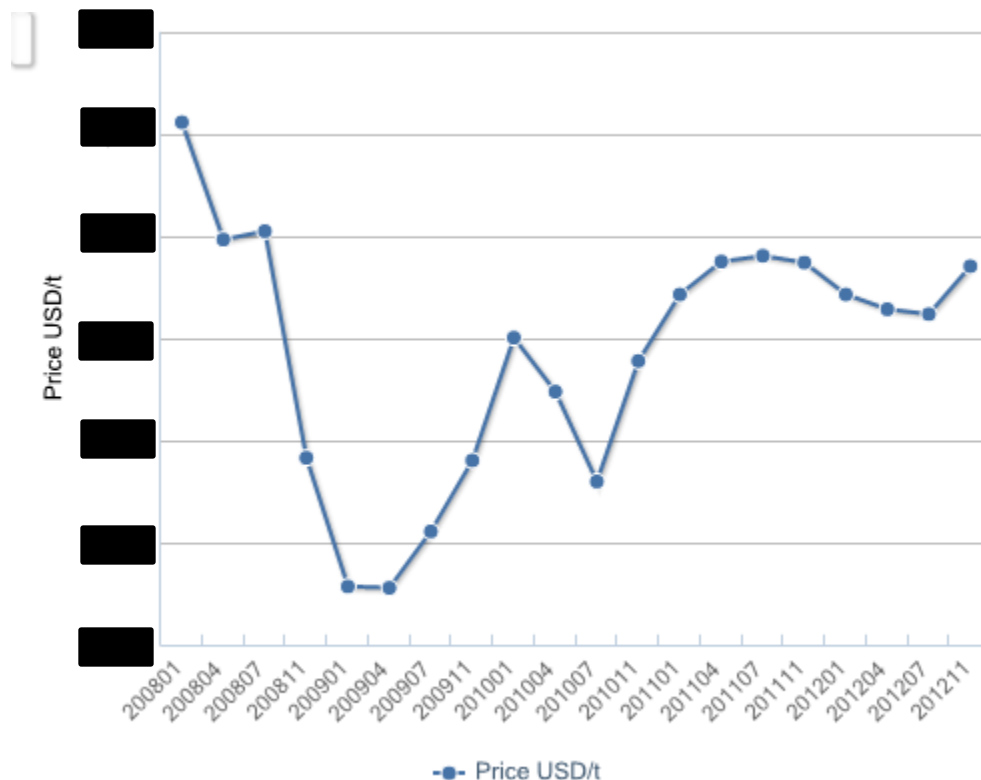
Region	Capacity	Output	Company
Henan province	XXX,000	XXX,000	XXX
Shanghai City	XXX,000	XXX,000	XXX
Zhejiang province	XXX,000	530,000	XXX
Jiangsu province	XXX,000	XXX,000	2
Guangdong province	XXX,000	XXX,000	XXX
Tianjin City	XXX,000	XXX,000	XXX
Others	XXX,000	XXX,000	XXX

Source: CCM

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### 3.3 Price of ethylene glycol & diethylene glycol, 2008–2012

Figure 3.3-1 Market price change of EG in China, 2008-2012



Source: CCM

The prices of EG & DG are majorly determined by the price of ethylene which is the major raw material of EG & DG.

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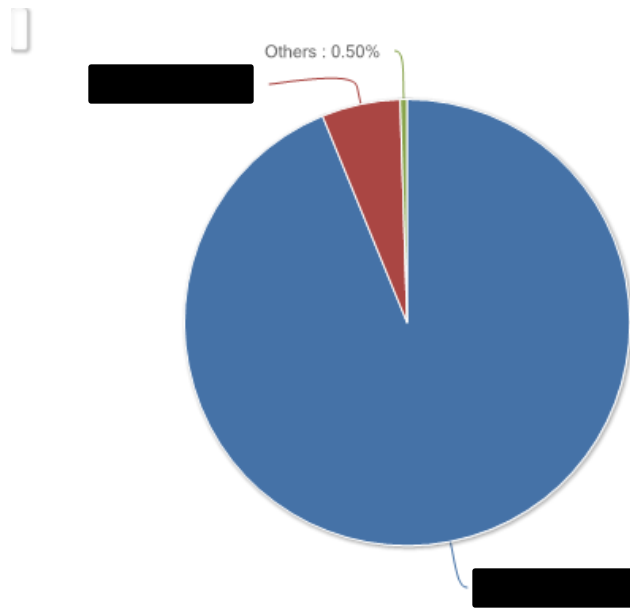
## 5 Demand for ethylene glycol & diethylene glycol

### 5.1 Consumption summary of ethylene glycol & diethylene glycol

EG's apparent consumption in China climbed steadily during the past five years, mostly due to the strong demand growth from polyester, which is the major downstream industry of EG. The apparent consumption volume of EG keeps upward in 2012 even the economic environment is quite slack.

In China, polyester is the absolutely dominant downstream industry of EG. More than xxxf EG's annual apparent consumption is counted in polyester industry. And most of the rest is used to produce antifreeze. It is considered that polyester will remain its dominant position in the consumption of EG, and the share of consumption volume in antifreeze will rise in a very modest range.

Figure 5.1-1 Consumption pattern of EG in China, 2012



Source: CCM

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## 5.2 Downstream industries of ethylene glycol & diethylene glycol

- Polyester

Polyester, also known as polyethylene glycol terephthalate (PET) in China, is the largest and most important downstream industry of EG in China. To produce one tonne of PET requires approximately XXX tonne of EG with current production technology.

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