Note: Key datalinformation in this sample pages is hidden, while in the report is not.

## I-1-2 Production of CDO Ketal in China

Currently in China, the total CDO ketal capacity is about $\quad$ t/a in 2011 and the total output is about tonnes in 2010. Similar to the CDO production situation in China, most CDO ketal producers only produce CDO ketal according to order, which leads to low operating rate. The content of all the CDO ketal produced in China is over $99 \%$, while that of a small part can reach as high as $99.5 \%$, meeting the requirement of liquid crystal industry.

## I-2 Summary of manufacturers of CDO and CDO Ketal

## I-2-1 Producers

There are over companies reported to be suppliers of CDO or CDO Ketal, but after CCM's investigation through telephone contact in May 2011, only companies are confirmed to be engaged in CDO/CDO ketal production:
$\checkmark \quad$ are active producers including $\square$ producing both CDO and CDO ketal, producers producing only CDO ketal and $\square$ producers producing only CDO.
$\checkmark \quad$ companies have suspended their CDO/CDO ketal production and only one of them produces only CDO while other $\quad$ produce only CDO ketal.

Besides, $\square$ companies had ever produced CDO/CDO ketal before, but they had stopped their CDO/CDO ketal production due to limited demand and intense competition.

The top CDO producer in China is HeBei Hua-Chem, which captures over $\quad \%$ of total CDO capacity in 2011 and about $\%$ of total CDO output in 2010 in China. The top CDO ketal producer in China is Hebei Maison, which captures over $\%$ of total CDO ketal capacity in 2011 and over \% of CDO ketal output in 2010 in China.

Among all the $\square$ producers, $\square$ companies produce liquid crystal monomer meanwhile, and they seldom sell CDO/CDO ketal to other end users.

Table I-2-1.1 Manufacturers of CDO and CDO ketal in China


Source: CCM International

