
May 2013
METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.

◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.

◆ To complement the organizations’ internal competitor information gathering efforts with strategic analysis, data interpretation and insight.

◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.

◆ To help company to succeed in a competitive market, and
Abstract

Different from other sectors, the flame retardant industry is a policy-driven industry. So, the establishment of fire prevention rules and standards brings objective demand for the development of flame retardant industry. Out of environmental protection concerns, increasingly strict supervision on flame retardants fuels the demand.

China has been a large producer and supplier of flame retardant in the world, with the output in 2011-2012 approximating 800,000-900,000 tons. Driven by the development of downstream industries such as electronics and automotive manufacturing as well as favorable fire-prevention and flame-retardant policies, China consumed around 750,000 tons of flame retardants in 2012. Considering such factors as domestic requirements on flame retardating and cost, chlorinated and brominated flame retardants are still taking a lion’s share in Chinese flame retardant market, with the proportion as high as 50% or so.

Meanwhile, China fire retardant industry is upgrading product mix and technologies so as to follow the global development trend of halogen-free flame retardants. In 2012, the halogen-free fire retardant output in China approximated 415,000 tons, of which, 150,000 tons were exported to other countries. Nowadays, Chinese industrial players are committed to the R&D, expanding and building of new halogen-free flame retardant projects. Cases in point include Jiangsu Yoke Technology which is scheduled to expand its 40,000-ton/a TCPP and TDCP series products projects as well as 20,000-ton/a new-type flame retardant production, Jinan Taixing Fine Chemicals Co., Ltd. which plants to construct its 30,000-ton/a halogen-free flame retardant project, and Taizhou Xin’an which is set to conduct the 40,000-ton/a phosphate esters series flame retardant production line technological upgrading project, and so forth.

Currently, there are more than 1,000 flame retardant producers in China. However, when compared with international magnates such as Albemarle, ICL and ADEKA, they are not in the position to compete with these foreign counterparts in an all-around way.
Chinese flame retardant enterprises are featured with relatively small capacity and only involvement in one single flame retardant business. In China, main halogen-based product is brominated flame retardant, with major producers concentrating in regions with abundant bromine resources like Shandong and being presented by Shouguang Weidong Chemical Co., Ltd., Brother Enterprises Holding Co., Ltd. and Shouguang Shen Runfa Ocean Chemical Industry. Moreover, phosphorus flame retardants have seen rapid development and grown into a hot variety, with major producers including Jiangsu Yoke Technology, Zhejiang Wansheng Co., Ltd and Tianjin Lianrui Chemical. In addition, there are numerous inorganic flame retardant manufacturers in China, but mostly large ones are specialized in mining business with rich ore resources, with representatives covering CHINALCO Shandong Branch and Hsikwangshan Twinkling Star Co., Ltd. (Hts).

**The report touches on the followings:**
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   1.2 Application Fields

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