

# Report on the Chinese fluorine chemicals industry

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## Abstracts

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The fluorine chemicals industry refers to a branch industry of the chemical industry where fluorine is the main component of products. There are a wide variety of products in the industry as well as a large variety of applications. Its technology-intensive nature and high added value have caused the fluorine industry to be considered an extremely valuable industry. Fluorine products are generally categorized into non-organic and organic products. The former refers to non-carbon-based objects with fluorine as a component and is the basis of the entire industry. The latter refers to carbon-based objects with fluorine as a component and includes fluoropolymers, fluorine compound chemicals and fluorocarbons.

The Chinese fluorine chemicals industry began during the 1950s, and has developed into a complete industry with a more complete supply chain. The industry has become much more technologically advanced since its early beginnings by absorbing foreign technology, knowledge and products into the Chinese industry.

China has gradually become one of the largest producers and consumers of fluorine-based products. Stronger supervision, disciplinary actions and regulation has led to a decline in fluorite production and as a result, fluorite-based products have been facing a sharp uptick in prices. Increased demand for air-conditioning units and vehicle-based fluorine gasses, particularly in the southern regions of China however have allowed the industry to make a strong comeback.

The Chinese fluorine chemicals industry is gathered around the locations with the highest concentration of fluorite resources such as Zhejiang, Fujian, Jiangxi and Henan.

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