

# Market Research of Aluminium Sulphate in China

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## Abstracts

Aluminium sulphate is an inorganic chemical, widely used as water purifying agent and industrial raw material in China. China's papermaking, industrial wastewater treatment, water purification for residential and industrial uses, sanitary wastewater treatment, and speciality paper industries, etc. consumed 1,400,000 tonnes of aluminium sulphate in 2017. Most of the aluminium sulphate consumed in China was in solid form, accounted for 81.52%.

The first quality standard for aluminium sulphate in China was issued in 1970s. Currently, the most commonly adopted national standard for aluminium sulphate is HG/T 2225-2010 issued by the Ministry of Industry and Information Technology of China. A few national or industrial standards for aluminium sulphate are also in effect.

Aluminium sulphate for industrial use can be categorised into liquid aluminium sulphate and solid aluminium sulphate according to its properties. There various production methods for each type of aluminium sulphate including normal pressure reaction method, pressurised reaction method and ATH decomposing method. The production cost of aluminium sulphate varied by production method, raw material and product grade, which can be broke down into equipment capital, running capital, staff pay, production cost, and waste treatment costs. In 2017, the annual average cost of operating a 10,000 t/a aluminium sulphate production line ranged from USD3,430,607.63 to USD3,696,607.63 varied by product grades.

This research aims to study China's aluminium sulphate industry, primary on the quality standards, application, consumption, price, production technology and cost of aluminium sulphate. This report provides detailed analysis on aluminium sulphate consumption and production technology. National and industrial standards, major end-users, price, and cost analysis of aluminium sulphate can be found in this report.

The report is based on data sourced by diverse methods. The data collected and compiled was variously sourced from telephone interviews, published magazines, journals, government statistics and CCM's database, etc. Data obtained from various sources have been combined and cross-checked to ensure that this report is as accurate and methodologically sound as possible.

The key end-users in aluminium sulphate industry are profiled in detail. Key end-users studied include Guangzhou Paper Group, Everbright (Nanjing), Shanghai Aquarius, and Zhuhai Huafeng Paper, etc.

## **SCOPE OF THE REPORT**

Region scope: China.

Time scope: 2017.

On the basis of industrial segments: aluminium sulphate standards, consumption, price, production technology, and production cost.

On the basis of aluminium sulphate specifications: Grade II (liquid), Grade II (solid, qualified), Grade II (solid, first-rate), Grade I (liquid), Grade I (solid) aluminium sulphate.

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### COMPANIES MENTIONED

Guangzhou Paper Group Co., Ltd.

Xinjiang Shihezi Paper Mill

Everbright Industrial Wastewater Treatment Nanjing Co., Ltd.

Changzhou Southeast Industrial Wastewater Treatment Co., Ltd.

Linze Urban Area Sanitary Wastewater Treatment Factory

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