

# Production and Market of Sodium Gluconate in China

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## Abstracts

Sodium gluconate industry in China was first started in the 1980s. However, the industry did not enter its fast expanding stage until 2000s. Fast expansion of sodium gluconate capacity and the lack of demand from downstream had led to overcapacity. Starting 2011, China's sodium gluconate industry has entered its structural reforming stage. During 2015 to 2017, the capacity of sodium gluconate in China reduced at a CAGR of -5.20% to 1,064,000 t/a in 2017. Both the output and consumption volume of sodium gluconate in China decreased in 2017 due to increasing market price of corn and tightening environmental regulations. Meanwhile, the ex-works price of sodium gluconate surged affecting by the increasing production cost and shrinking supply of sodium gluconate. In the coming five years, the growth of sodium gluconate industry in China will be limited by the fluctuations of corn market price and environmental regulations on sodium gluconate production. It is necessary for sodium gluconate industry participants to keep track on the changes of both the market price of corn and China's environmental regulations on commercial production.

Glucose is the essential raw material in sodium gluconate production. It is commonly commercially manufactured from corn starch in China. The market price of corn is the major influencing factor of the production cost of both corn starch and sodium gluconate. The Chinese government lowered the purchasing price of corn for temporary storage in 2015 and canceled the purchasing policy of corn in the following year due to excessive corn inventory and unreasonable high domestic market price of corn. The market price of corn started to decrease in H2 2015 and hit the periodic low in Jan. 2017. In the following year, domestic corn market price rebounded as the supply of corn decreased in result of both shrinking corn planting area and diminishing corn inventory.

Affected by the increasing price of corn and the tightening environmental regulations, the output of sodium gluconate in China dropped from 629,000 tonnes to 583,000 tonnes at a growth rate of -7.31% during 2016–2017. Meanwhile, the apparent

consumption of sodium gluconate in China reduced by 12.73% year on year in 2017.

The export volume of sodium gluconate from China was on a continuous growth during 2012–2017, at a CAGR of 14.59%. China exported sodium gluconate to 89 countries and regions in 2017. India, Turkey, the United Arab Emirates, Japan and Taiwan Province were the top five destinations of China's sodium gluconate exports by volume. In 2017, Shandong Fuyang Biotechnology Co., Ltd. continued to rank first among all Chinese sodium gluconate exporters, exporting 36,777.576 tonnes of sodium gluconate.

This research aims to study the current sodium gluconate industry and forecasts the market by the end of 2022. This market research provides detailed analysis on the factors influencing the development of sodium gluconate industry in China, as well as current and historic trend of the industry. Market drivers, restraints, opportunities and relative policies can be found in this report.

This report is based on data collected via diverse sources. The primary sources include interviews with industrial experts, key producers, key traders, key raw material suppliers and key end users of sodium gluconate. Various secondary sources include 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 dynamics of key market players in sodium gluconate industry are listed in this research. Key market participants studied include Zhucheng Xingmao, Shandong Fuyang, and Xiwang Sugar, etc.

#### Scope of the report

Region scope: China.

Time scope: primarily 2015 to 2017 unless otherwise stated.

On the basis of industrial segments: supply and market price of corn, sodium gluconate production, sodium gluconate production technology, sodium gluconate exports and consumption.

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### COMPANIES MENTIONED

Zhucheng Xingmao Corn Developing Co., Ltd.  
Shandong Fuyang Biotechnology Co., Ltd.  
Shandong Xiwang Sugar Co., Ltd.  
Weifang Jianbao Biotechnology Co., Ltd.  
Shandong Baisheng Biotechnology Co., Ltd.

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