

Production and Market of Sodium Gluconate in China

The Sixth Edition

May 2018

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1. Introduction

Production and Market of Sodium Gluconate in China, finished in May 2018, is CCM's sixth edition report on sodium gluconate industry, based on the former one finished in May 2017. This intelligent report attaches importance to the following parts:

- Market price of corn and supply of corn starch in China
- Sodium gluconate production, price, export and consumption in China
- Relative government policies to sodium gluconate industry in China
- Sodium gluconate market forecasts in China

2. Approach for this report

This report is based on data collected with diverse methods, which are listed as follows:

- Desk research

This includes access to published magazines, journals, government, industry and customs statistics, association seminars as well as information from the Internet. A lot of work has gone into the compilation and analysis of the obtained information. When necessary, information has been checked with sodium gluconate industry participants and specialists regarding to sodium gluconate production, industrial data, production method, market price, industrial development trend, downstream industry applications and policies. Data collected and compiled are variously sourced from:

- CCM's database
- Published articles from periodicals, magazines, journals, and third-party database
- Statistics from governments and international institutes
- Customs statistics
- Comments from industrial experts on various platforms
- Information from the Internet

- Telephone interview targets

- Key producers
- Key end users
- Key traders
- Key raw material suppliers
- Industrial associations
- Industrial experts

- Data compilation and crosscheck

Data obtained from various sources have been combined and cross-checked to ensure that this report is as accurate and methodologically sound as possible.

3. Executive summary

In 2017, the capacity, output and apparent consumption of sodium gluconate in China decreased while the price and export volume of it increased due to increasing market price of corn and tightening environmental regulations.

Four of the major sodium gluconate producers in China stopped production in 2017. The capacity of sodium gluconate reduced to XXX t/a and the output of it dropped to XXX tonnes in 2017, down by XXX% and XXX% respectively.

The ex-works price of sodium gluconate in China increased in H2 2017 boosted by the increasing market price of corn.

The export volume of sodium gluconate in China was on a continuous growth during 2012 to 2017, reached XXX tonnes in 2017, despite the sodium gluconate output declined while its price increased.

The apparent consumption of sodium gluconate in China was XXX tonnes in 2017, down by XXX% year on year. There was no evident change in the consumption pattern of sodium gluconate.

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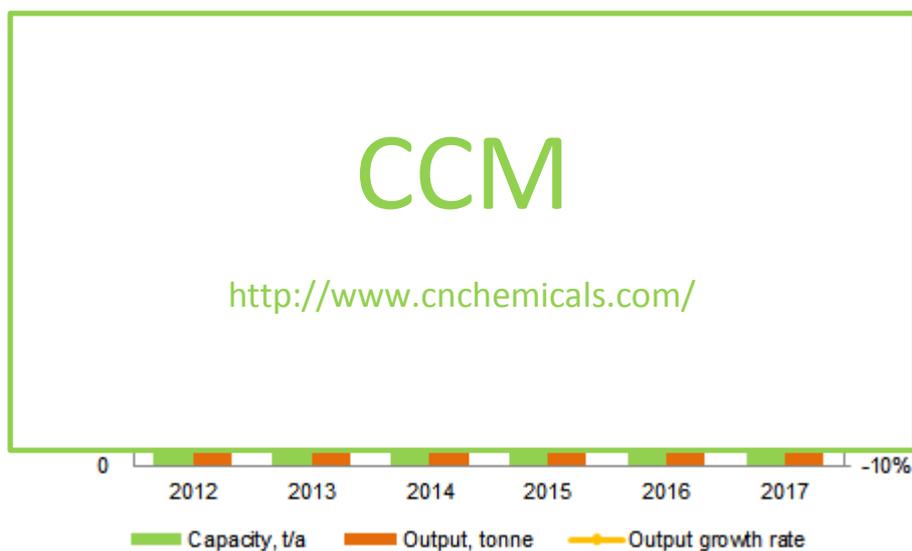
2 Production of sodium gluconate in China, 2015–2017

2.1 Production

Affected by the increasing price of corn and the tightening environmental regulations, the output of sodium gluconate in China dropped from XXX tonnes to XXX tonnes at a growth rate of XXX% during 2016–2017.

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Figure 2.1-1 Capacity and output of sodium gluconate in China, 2012–2017



Source: CCM

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Table 2.2-2 Capacity and output of major sodium gluconate producers in China, 2015–2017

No.	Company	Status, 2017	Capacity, t/a			Output, tonne					
						2017		2016		2015	
			2017	2016	2015	Solid	Liquid	Solid	Liquid	Solid	Liquid
1	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
2	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
3	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
4	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
5	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
7	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
8	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
9	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
10	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
11	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
12	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
13	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
14	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
15	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
16	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
17	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
18	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
19	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
20	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
21	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Others			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Total			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

Source: CCM

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2.3 Raw material

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Figure 2.3-3 Ex-works price of corn starch in North China, Jan. 2012–March 2018



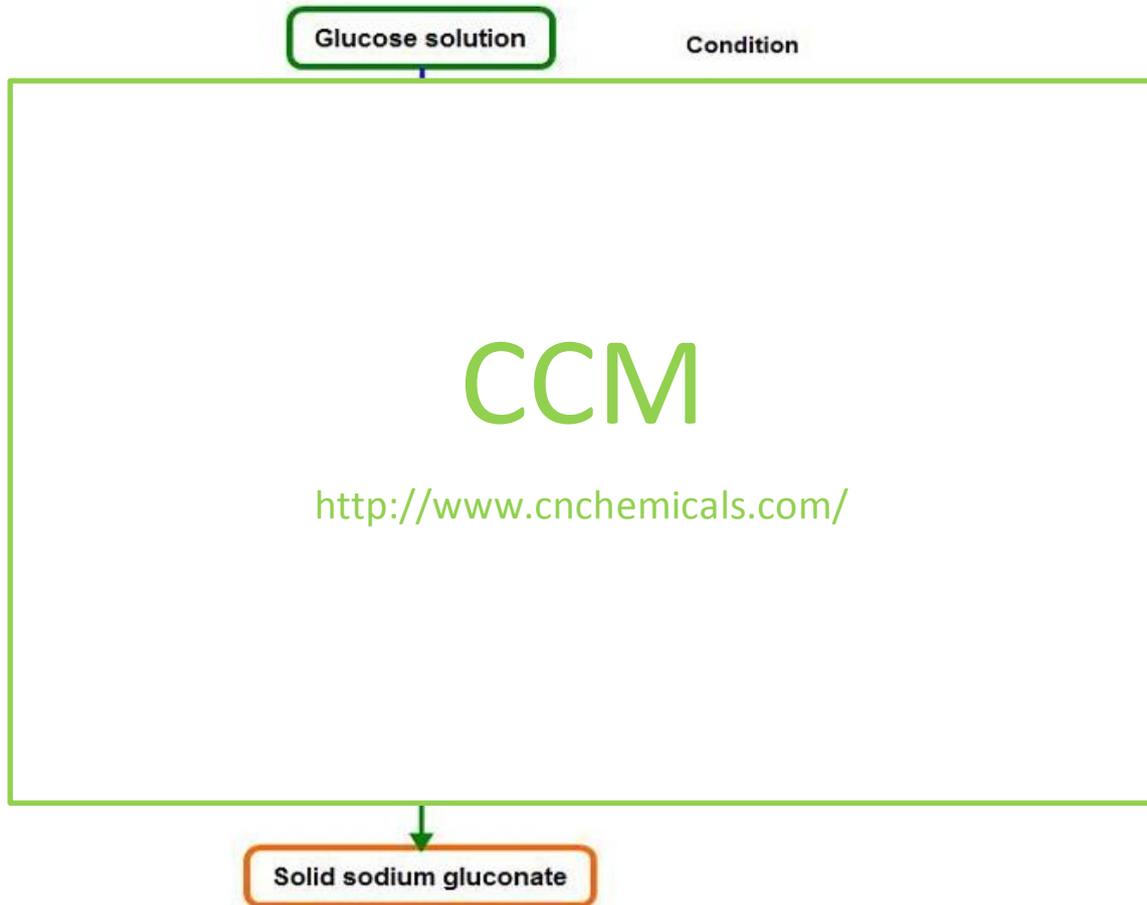
Source: CCM

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2.5 Production technology

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Figure 2.5-1 General production routes of enzyme method for sodium gluconate production



Source: CCM

3 Import and export analysis of sodium gluconate, 2015–2017

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Table 3-1 Monthly exports of sodium gluconate from China, 2017

Month	Export volume, tonne	Export value, USD
Jan.	XXX	XXX
Feb.	XXX	XXX
March	XXX	XXX
April	XXX	XXX
May	XXX	XXX
June	XXX	XXX
July	XXX	XXX
Aug.	XXX	XXX
Sept.	XXX	XXX
Oct.	XXX	XXX
Nov.	XXX	XXX
Dec.	XXX	XXX
Total	XXX	XXX

Source: China Customs, CCM

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Table 3-2 Top ten export destinations of China's sodium gluconate, 2015–2017

2017		2016		2015	
Region	Export volume, tonne	Region	Export volume, tonne	Region	Export volume, tonne
XXX	XXX	XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX	XXX	XXX
XXX	XXX	XXX	XXX	XXX	XXX

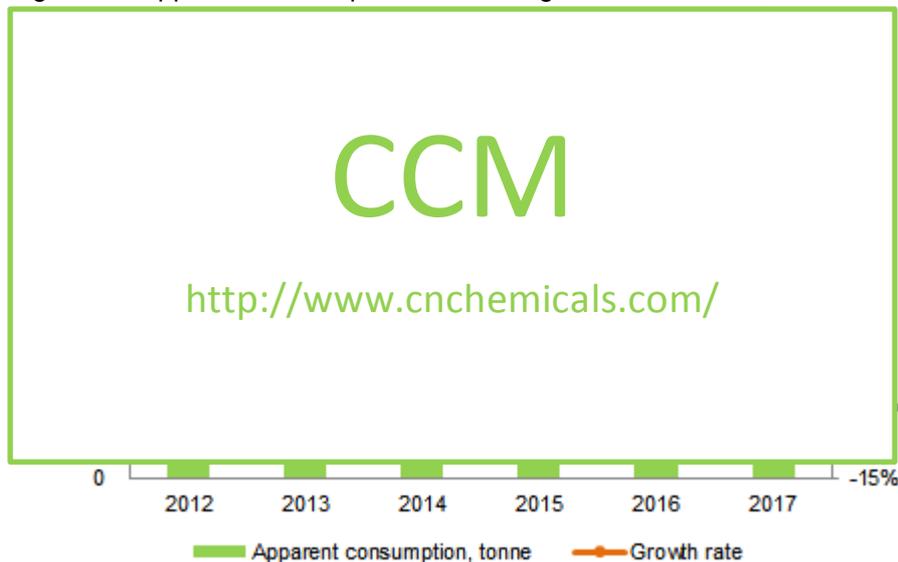
Source: China Customs, CCM

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4 Consumption of sodium gluconate in China, 2012–2017

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Figure 4-1 Apparent consumption of sodium gluconate in China, 2012–2017



Source: CCM

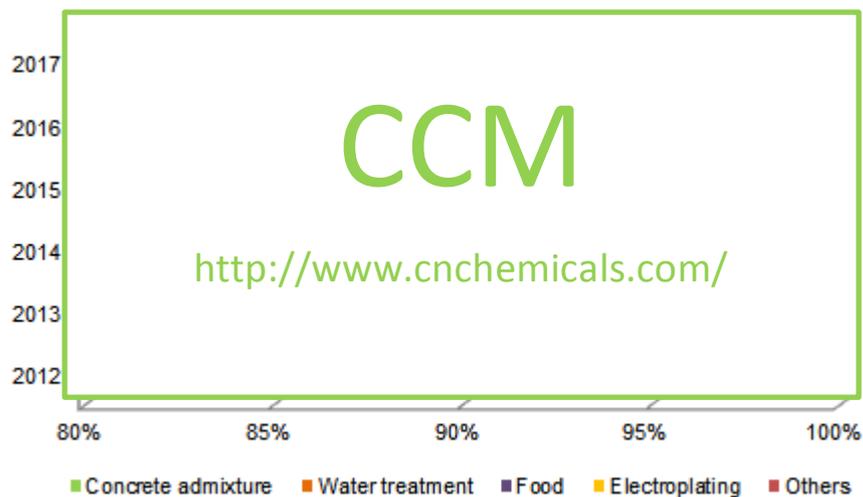
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4.2 Consumption by downstream industry

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The change of downstream consumption structure of sodium gluconate was minor during 2012 to 2017. The consumption shares of sodium gluconate in water treatment and in food industries have declined during 2015 to 2017, dropped from XXX% to XXX% and from XXX% to XXX% respectively. The consumption share of sodium gluconate in electroplating industry increased from XXX% in 2016 to XXX% in 2017.

Figure 4.2-2 Consumption pattern of sodium gluconate by downstream industry, tonne, 2012–2017



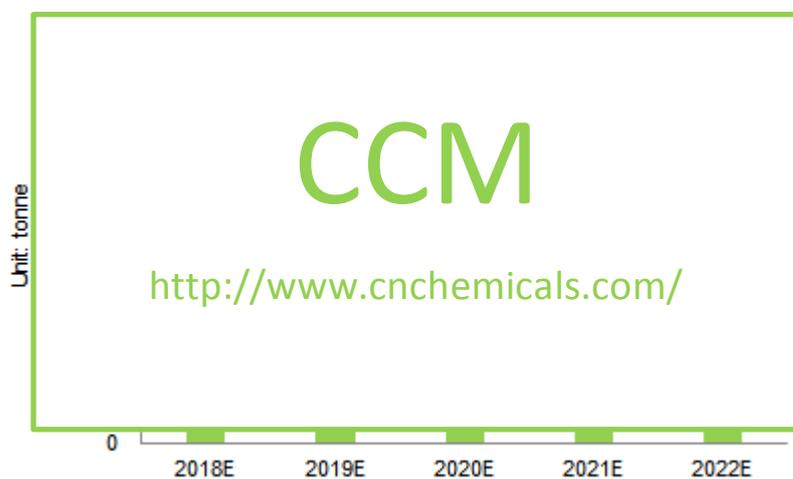
Source: CCM

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6.2 Forecast on production and consumption

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Figure 6.2-1 Forecast on output of sodium gluconate in China, 2018E–2022E



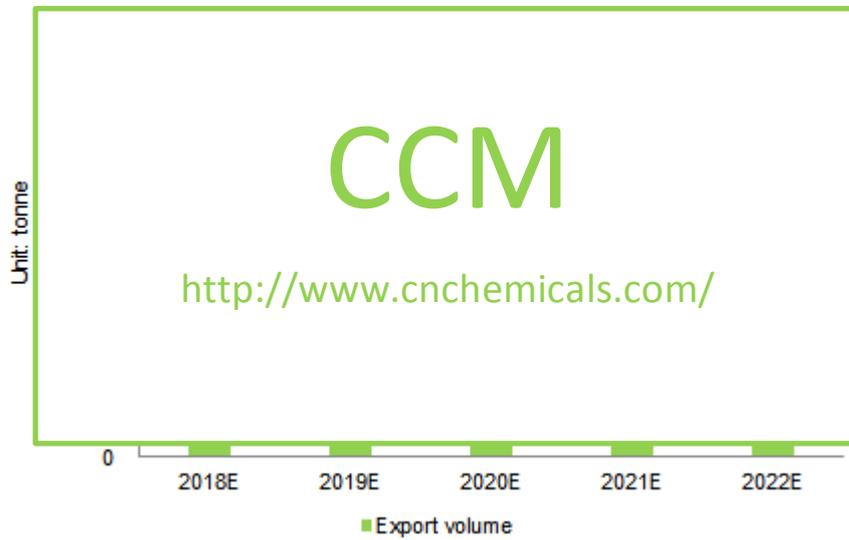
Source: CCM

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6.3 Forecast on import and export

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Figure 6.3-1 Forecast on the export volume of China's sodium gluconate, 2018E–2022E



Source: CCM

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If you want more information, please feel free to contact us

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