

Production of Sugar Alcohols in China

The Sixth Edition

May 2024

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1. Introduction

This report presents the development of sugar alcohols in China from 2019 to 2023, together with the production situation of sorbitol, maltitol, xylitol, mannitol and erythritol. It attaches importance to the following parts.

- Hot spots of sugar alcohol industry in China, 2019–2023
- Capacity and output of five sugar alcohols in China, 2019–2023
- Major producers and distribution of five sugar alcohols in China, 2019–2023
- Monthly ex-works price of five sugar alcohols, Jan. 2019–April 2024

2. Methodology and source

The report is based on data sourced by diverse methods, which are listed as follows:

- Desk research

Desk research includes access to published magazines, journals, government statistics, industry statistics, customs statistics, association seminars as well as information on the Internet. Much work has gone into the compilation and analysis of the information obtained. When necessary, information has been checked and discussed internally related to market structure and performance characteristics, such as key producers, key end users, production levels, demand from end users.

- Telephone interview

CCM has conducted extensive telephone interviews with major participants in the industry in order to research the sugar alcohol market in China.

The interviewees include the following groups:

- Key producers
- Key traders
- Associations involved
- Industry experts

- Network search

CCM employs network to contact industry participants by using B2B websites and software.

- Data processing and presentation

The data collected and compiled was variously sourced from:

- CCM's database
- Published articles from periodicals, magazines, journals and third-party databases
- Statistics from governments and international institutes
- Telephone interviews with domestic producers, joint ventures, service suppliers and government agencies
- Third-party data providers
- Customs statistics

The data has been combined and cross-checked to ensure that this report is as accurate and methodologically sound as possible. Throughout the process, a series of discussions were held within CCM to systematically analyse the data and draw appropriate conclusions.

3. Executive summary

The sugar alcohol industry is a branch of the corn deep processing industry. With the advantages of high safety, low calories and low GI (glycemic index) value, sugar alcohols have become more and more popular.

Generally speaking, the sugar alcohol industry in China has been performing well in the past five years, with higher recognition and wider applications.

Production

In 2019–2023, different changes were recorded in the production capacity for the five products:

- Erythritol capacity enjoyed a rapid growth, with a CAGR of XXX% in 2019–2023.
- Sorbitol capacity witnessed a continuous rise with a CAGR of XXX% in 2019–2022, but a slight decline in 2023.
- Xylitol capacity experienced an increase from XXX t/a in 2019 to XXX t/a in 2023.
- Maltitol capacity grew from XXX t/a in 2019 to XXX t/a in 2023, an increase of XXX%.
- Mannitol capacity climbed steadily from XXX t/a in 2019 to XXX t/a in 2023.

The total output of these major sugar alcohols increased from XXX tonnes in 2019 to XXX tonnes in 2023, with a CAGR of XXX%

Price

In 2019, prices of most sugar alcohols (except for erythritol and mannitol) witnessed a downward trend, owing to the abundant supply and shrinking demand.

Affected by sluggish demand amid the COVID-19 pandemic, prices of most sugar alcohols declined in H1 2020. Since H2 2020, they rebounded and continued to go up, driven by higher corn prices and increasing downstream demand.

In 2021–2022, the prices of erythritol and xylitol first increased and then decreased; while prices of the other three sugar alcohols fluctuated from 2021 to H1 2022, then kept declining in H2 2022.

In 2023, the prices of sorbitol and maltitol fluctuated; while the prices of xylitol, erythritol and mannitol showed a downward trend.

From Jan. 2024 to April 2024, the prices of sorbitol and erythritol rose slightly, while the price of maltitol saw a continuous decline. The prices of xylitol and mannitol remained relatively stable.

4. What is in the report?

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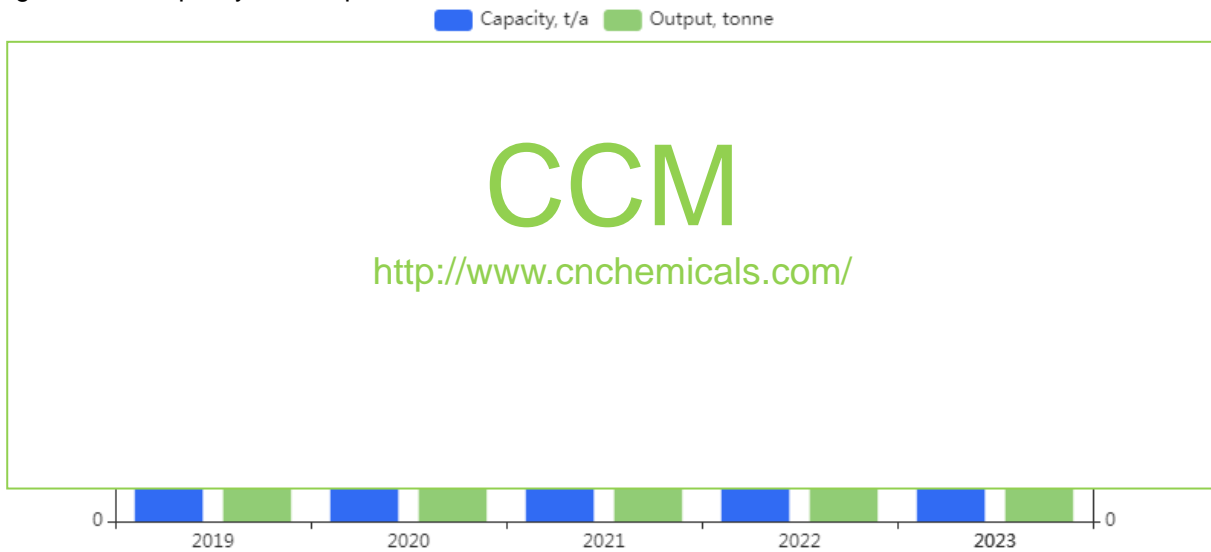
1 Overview

As natural and low-calorie sweeteners, sugar alcohols are highly recognized and widely used in the food, pharmaceutical and chemical industries. In recent years, the sugar alcohol industry has maintained a good momentum, with improved production technology and expanded application fields.....

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3.1 Capacity and output of sorbitol in China, 2019–2023

Figure 3.1-1 Capacity and output of sorbitol in China, 2019–2023



Source: CCM

3.2 Major producers and distribution of sorbitol in China, 2019–2023

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Table 3.2-1 Capacity and output of sorbitol producers in China, 2019–2023

No.	Producer	Abbreviation	Location	Status, 2023	Capacity, t/a					Output, tonne					
					2023	2022	2021	2020	2019	2023	2022	2021	2020	2019	
1	Shandong Tianli Pharmaceutical Co., Ltd.	Shandong Tianli	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: CCM

Figure 3.2-2 Shares of sorbitol capacity in China by region, 2023



Source: CCM

3.3 Monthly ex-works price of sorbitol in China, Jan. 2019–April 2024

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Figure 3.3-1 Monthly ex-works price of 70% syrup sorbitol in China, Jan. 2019–April 2024

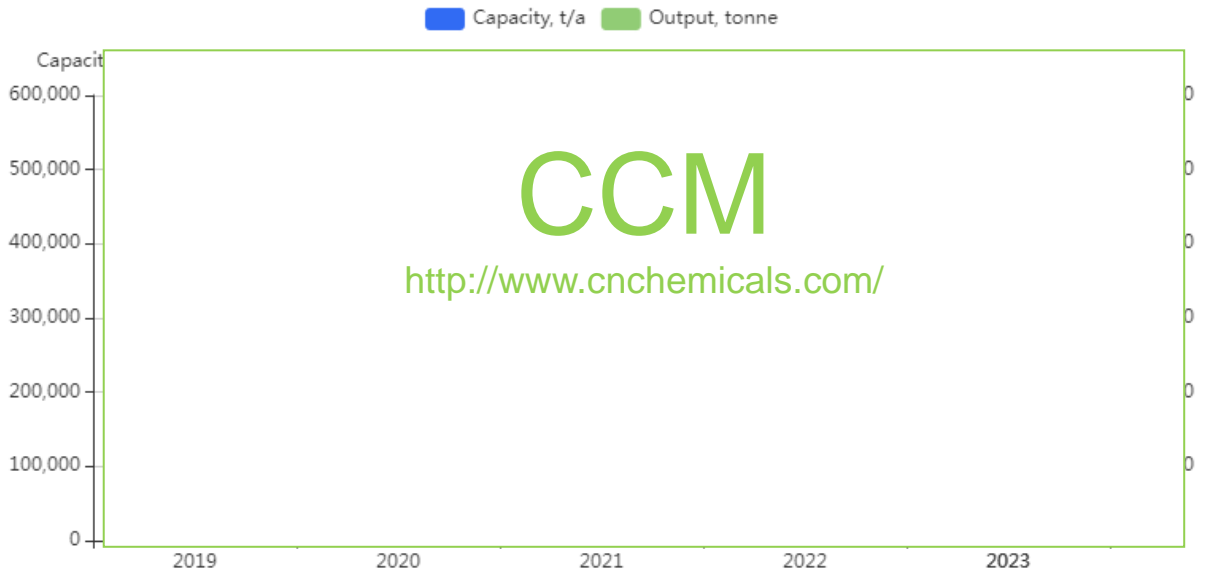


Source: CCM

7 Erythritol

7.1 Capacity and output of erythritol in China, 2019–2023

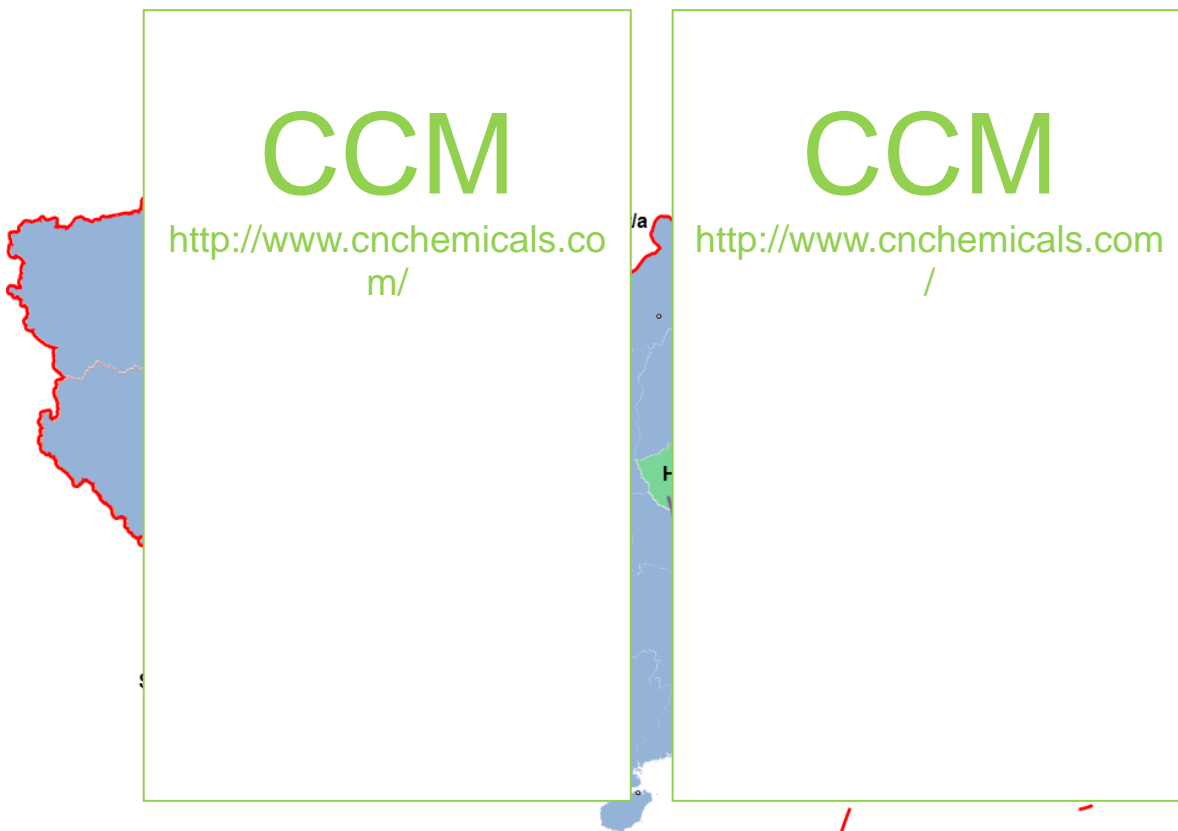
Figure 7.1-1 Capacity and output of erythritol in China, 2019–2023



Source: CCM

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Figure 7.2-1 Capacity distribution of erythritol producers in China, 2023



Source: CCM



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