

# Sodium Chlorate Market in China

The Third Edition

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**CCM** Data & Business  
Intelligence

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Figure 5-2 Predicted consumption pattern of sodium chlorate in China, 2023

## 1. Introduction

Aiming to disclose the latest production and market information of China's sodium chlorate industry, this report focuses on China's sodium chlorate industry from 2014 to 2018, as well as forecasting its development trends in the future.

This report was formulated in May 2019. The data for 2017–2018 and before are based on CCM's database and other various sources as mentioned in the section of methodology below.

## 2. Approach for this report

In order to achieve the aforementioned goal, CCM conducted this study through the following steps.

### - Desk research

Sources of desk research are various, including CCM's database, published magazines, journals, government statistics, industrial statistics, customs' statistics, association seminars, annual reports, forums, as well as information from the Internet. A lot of work went into the compiling and analyzing the information obtained.

### - Telephone interviews

CCM carried out extensive telephone interviews with all possible producers (over 20 companies) to get detailed information about production, market, competition and future plans, etc., with over 20 end users covering most consumption fields. Interviewees include producers, end users, experts and traders, etc. When necessary, cross-checks were made with players regarding market information such as production, demand and competitiveness, etc.

### - IE analysis

In this report, CCM generally analyses the export data of sodium chlorate from 2014 to 2018 in China. Among which, 2017 and 2018 export data from the China Customs are analysed in detail.

### - Data processing & presentation

The data from verified information, telephone interviews, as well as secondary data from all publications are combined to make CCM's knowledge as precise and scientific as possible. A series of thorough internal discussions have been done throughout the analysis of the data obtained and the presentation of the conclusions of CCM deduced. When necessary, some industrial experts and active researchers were consulted to analyse the insight findings.

### - Proofreading

When the draft report was finalized, CCM did internal proofreading to check for mistakes in the report.



### 3. Executive summary

The sodium chlorate capacity in China reached XXX t/a in 2018, which is mainly distributed in Southwest China, Central China and North China. Sichuan Province with a capacity of XXX t/a and captured XXX % of domestic total capacity is the top production province in China; followed by XXX, with a capacity of XXX t/a and XXX t/a respectively.

Domestic output of sodium chlorate showed an increasing trend during 2014–2018, up to XXX tonnes in 2018, with a CAGR of XXX %. Also, operating rate of sodium chlorate in China showed an upward trend in recent years, up to XXX % in 2018 from XXX % in 2014.

In 2018, total domestic consumption volume of sodium chlorate was up to XXX tonnes, with a CAGR of XXX % during 2014–2018, owing to the strong demand from downstream industries, especially in water treatment and pulp & paper industry.

Consumption volume of sodium chlorate in pulp & paper industry was up to XXX tonnes in 2018, accounting for XXX % of domestic total consumption. Sodium chlorate is mainly used in pulp bleaching. With policy support, more and more pulp & paper producers have adopted ECF, which use sodium chlorate to generate chlorine dioxide. It's estimated that pulp & paper industry will contribute the most to the increasing domestic consumption of sodium chlorate in the next few years.

In water treatment industry, the sodium chlorate consumption volume accounted for XXX % of total consumption of the product in 2018, will also grow considerably in the next few years. As the standard of drinking water improved in China, the utilization of chlorine dioxide in water treatment is predicted to be more common, which will drive an increase of consumption volume of sodium chlorate in this field.

The export volume of sodium chlorate in China had continually increased since 2004, and hit a historical high in 2011, reaching XXX tonnes. However, it dropped dramatically during 2014–2018, down to XXX tonnes in 2018, with a CAGR of XXX %. Main reasons for that were the decreased demand from paper & pulp industry in overseas market and the overcapacity in Europe.



#### 4. What's in this report?

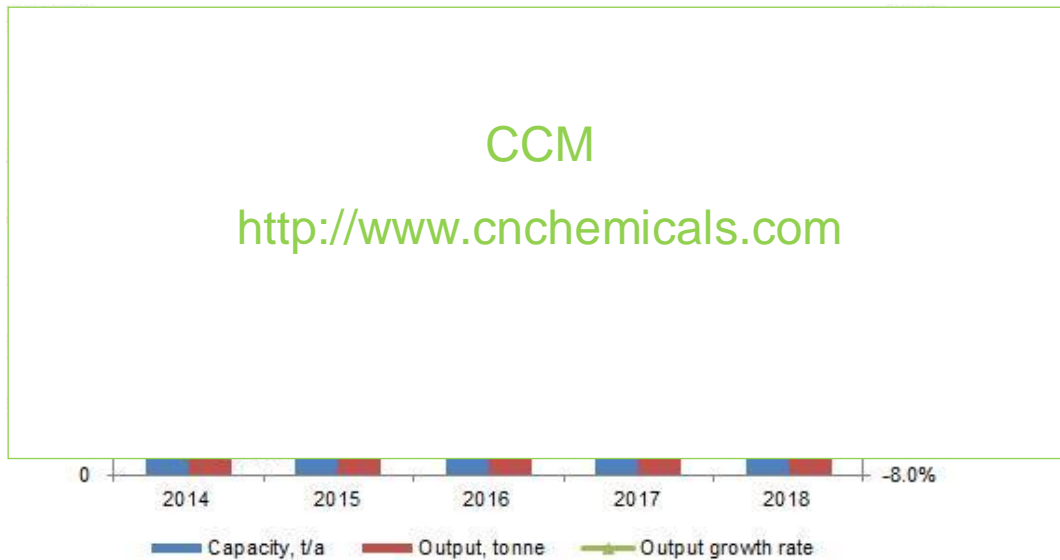
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## 2 Production of sodium chlorate, 2017–2018

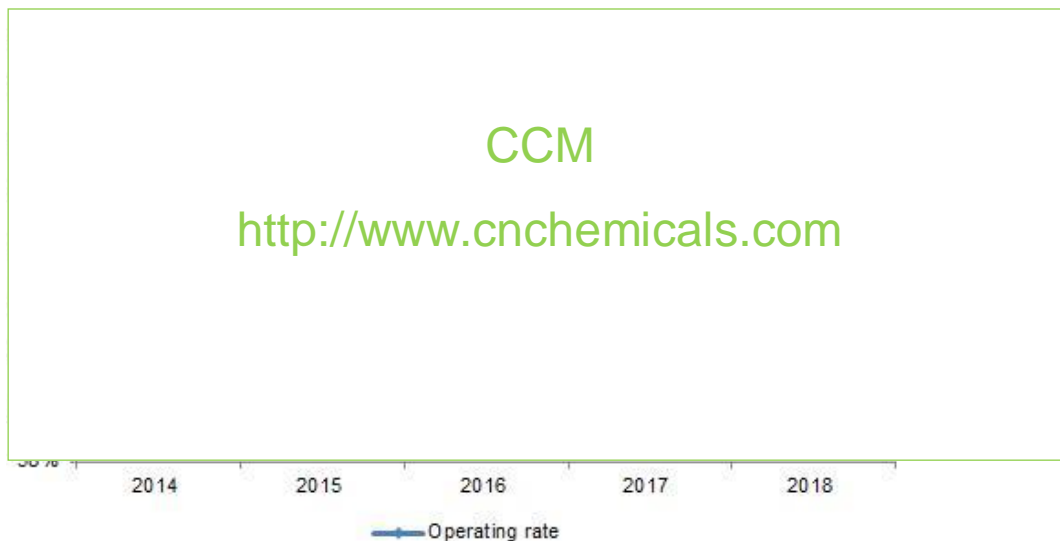
### 2.1 Capacity and output

Figure 2.1-1 Capacity and output of sodium chlorate in China, 2014–2018



Source: CCM

Figure 2.1-2 Operating rate of sodium chlorate production in China, 2014–2018



Source: CCM

...

## 2.2 Manufacturers

### 2.2.1 Production situation

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Table 2.2.1-1 Situation of major sodium chlorate producers in China, 2018

No.	Producer	Abbreviation	Plant location	Status
1	XXX	XXX	XXX	XXX
2	XXX	XXX	XXX	XXX
3	XXX	XXX	XXX	XXX
4	XXX	XXX	XXX	XXX
5	XXX	XXX	XXX	XXX
6	XXX	XXX	XXX	XXX
7	XXX	XXX	XXX	XXX
8	Guangdong Xinguotai Technology Co., Ltd.	Guangdong Xinguotai	Guangdong	XXX
9	XXX	XXX	XXX	XXX
10	XXX	XXX	XXX	XXX
11	XXX	XXX	XXX	XXX

Source: CCM

Table 2.2.1-2 Capacity and output of sodium chlorate producers in China, 2017–2018

No.	Producer	Capacity, t/a		Output, tonne	
		2017	2018	2017	2018
1	XXX	XXX	XXX	XXX	XXX
2	XXX	XXX	XXX	XXX	XXX
3	XXX	XXX	XXX	XXX	XXX
4	XXX	XXX	XXX	XXX	XXX
5	XXX	XXX	XXX	XXX	XXX
6	XXX	XXX	XXX	XXX	XXX
7	XXX	XXX	XXX	XXX	XXX
8	Guangdong Xinguotai	XXX	XXX	XXX	XXX
9	XXX	XXX	XXX	XXX	XXX
10	XXX	XXX	XXX	XXX	XXX
11	XXX	XXX	XXX	XXX	XXX
Others		XXX	XXX	XXX	XXX
<b>Total</b>		<b>XXX</b>	<b>XXX</b>	<b>XXX</b>	<b>XXX</b>

Source: CCM

...

## 2.3 Price

Table 2.3-1 Average selling price of sodium chlorate from four key producers in China, 2013–2018, USD/t

Year	Inner Mongolia Lantai	First Chemical	XXX	XXX
2013	XXX	XXX	XXX	XXX
2014	XXX	XXX	XXX	XXX
2015	XXX	XXX	XXX	XXX
2016	XXX	XXX	XXX	XXX
2017	XXX	XXX	XXX	XXX
2018	XXX	XXX	XXX	XXX

Source: CCM

...

Table 2.3-2 Quotation of sodium chlorate manufacturers in China (at ex-works level), April 2019

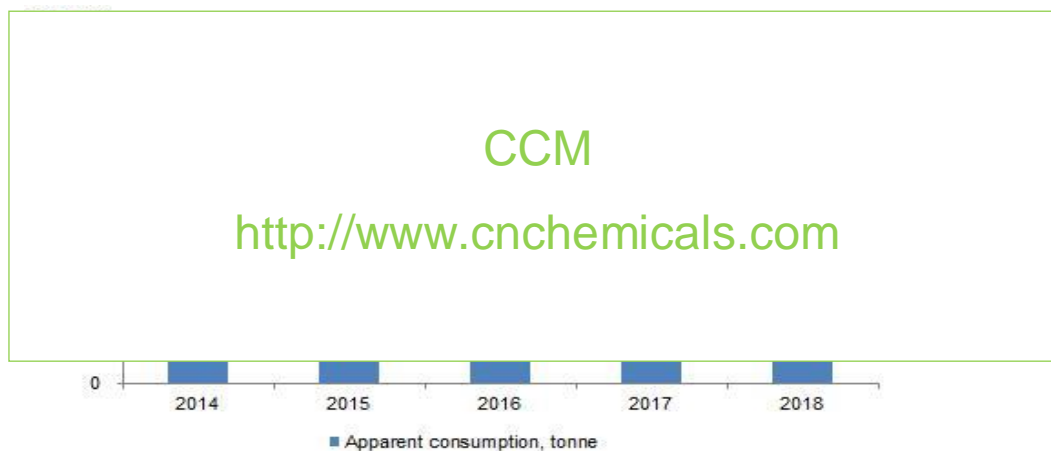
Company	Quotation	
	RMB/t	USD/t
Inner Mongolia Lantai	XXX	XXX
Sichuan Hope	XXX	XXX
XXX	XXX	XXX
XXX	XXX	XXX
XXX	XXX	XXX
XXX	XXX	XXX
XXX	XXX	XXX

...

## 3 Consumption of sodium chlorate

### 3.1 Overview of application situation

Figure 3.1-1 Apparent consumption of sodium chlorate in China, 2014–2018

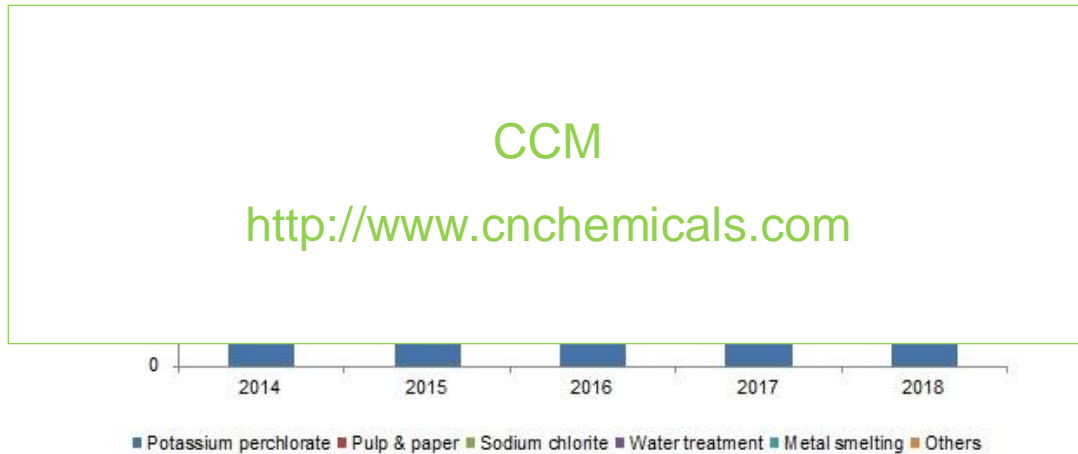


Source: CCM

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Figure 3.1-2 Consumption volume of sodium chlorate by downstream industry in China, 2014–2018, tonne



Source: CCM

### 3.2 Main downstream industries

#### 3.2.1 Potassium perchlorate

Table 3.2.1-1 Major end users of sodium chlorate in potassium perchlorate industry in China, 2017–2018

No.	Company	Capacity of potassium perchlorate, 2018, t/a	Consumption volume of sodium chlorate, tonne		Sodium chlorate source
			2017	2018	
1	XXX	XXX	XXX	XXX	XXX
2	XXX	XXX	XXX	XXX	XXX
3	XXX	XXX	XXX	XXX	XXX
4	XXX	XXX	XXX	XXX	XXX
5	XXX	XXX	XXX	XXX	XXX
6	XXX	XXX	XXX	XXX	XXX
7	XXX	XXX	XXX	XXX	XXX
8	XXX	XXX	XXX	XXX	XXX
9	XXX	XXX	XXX	XXX	XXX
10	XXX	XXX	XXX	XXX	XXX
11	XXX	XXX	XXX	XXX	XXX
12	XXX	XXX	XXX	XXX	XXX

Source: CCM

...

#### 4 Export analysis, 2017–2018

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##### - By month

Table 4-2 China's exports of sodium chlorate by month, 2017–2018

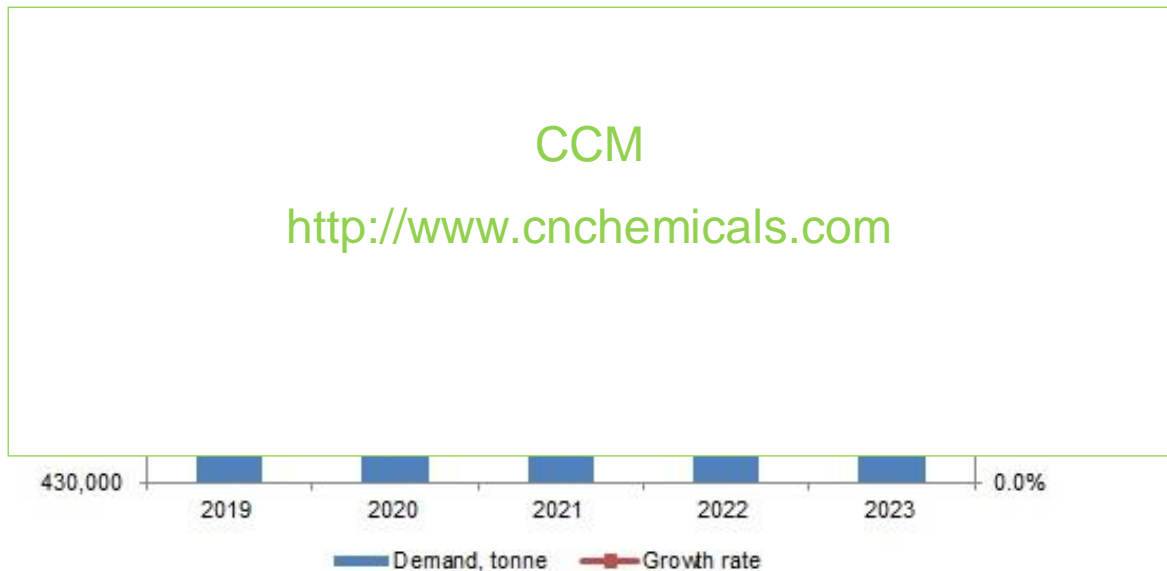
Month	Volume, tonne		Value, USD		Price, USD/kg	
	2018	2017	2018	2017	2018	2017
Jan.	XXX	XXX	XXX	XXX	XXX	XXX
Feb.	XXX	XXX	XXX	XXX	XXX	XXX
March	XXX	XXX	XXX	XXX	XXX	XXX
April	XXX	XXX	XXX	XXX	XXX	XXX
May	XXX	XXX	XXX	XXX	XXX	XXX
June	XXX	XXX	XXX	XXX	XXX	XXX
July	XXX	XXX	XXX	XXX	XXX	XXX
Aug.	XXX	XXX	XXX	XXX	XXX	XXX
Sept.	XXX	XXX	XXX	XXX	XXX	XXX
Oct.	XXX	XXX	XXX	XXX	XXX	XXX
Nov.	XXX	XXX	XXX	XXX	XXX	XXX
Dec.	XXX	XXX	XXX	XXX	XXX	XXX
<b>Total</b>	XXX	XXX	XXX	XXX	XXX	XXX

Source: China Customs

...

#### 5 Estimated development of the sodium chlorate demand in China

Figure 5-1 Forecast on demand for sodium chlorate in China, 2019–2023



Source: CCM

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## 7.1 Top producers

### 7.1.1 China First Chemical Holdings Limited

Table 7.1.1-1 Basic information of China First Chemical Holdings Limited, as of April 2019

<b>Company name</b>	XXX
<b>Business address</b>	XXX
<b>Website</b>	XXX
<b>Tel.</b>	XXX
<b>Fax</b>	XXX
<b>E-mail</b>	XXX
<b>Establishment date</b>	XXX
<b>Registered capital</b>	XXX
<b>Company type</b>	XXX
<b>Main products</b>	XXX
<b>Employee</b>	XXX

Source: China First Chemical Holdings Limited

Table 7.1.1-2 Capacity distribution of sodium chlorate in China First Chemical Holdings Limited, 2018

Subsidiary	Abbreviation	Capacity, t/a
XXX	XXX	XXX
XXX	XXX	XXX
XXX	XXX	XXX
XXX	XXX	XXX

Source: China First Chemical Holdings Limited

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