



GUANG DI

Guangdi Maoming Chemical Co., Ltd.

Introduction

COMPANY PROFILE▶▶

- Maoming Guangdi Chemical Co., Ltd., located in the Maoming **National Hi-Tech Industrial Development Zone** in Guangdong, is a comprehensive chemical enterprise whose business covers the production, storage, transportation, sales and service of chemical products.
- After registering the company in June 2012, we started developing the construction plan for our manufacturing campus. Now with an **investment of approximately 800 million USD** and nearly **350 employees**, Guangdi Chemical is one of the enterprises strongly supported by the national high-tech industry park and the sole sodium hydrosulfite producer in Guangdong, ranking top in terms of overall capabilities in the industry across the country.



Introduction



The **first-phase project** has set up sodium hydrosulfite production plants with an annual capacity of 50,000 tons, anhydrous sodium sulfite production plants with an annual capacity of 7,500 tons, sulfur dioxide production plants with an annual capacity of 40,000 tons, sodium pyrosulfite production plants with an annual capacity of 25,000 tons as well as supporting facilities for public utility, safety and environmental protection, and fire prevention.

The **second-phase project** is in progress and is expected to be completed in mid-2019. Upon its completion, we will be able to produce 100,000 tons of sodium hydrosulfite, 20,000 tons of sodium sulfite, 20,000 tons of food-grade liquid carbon dioxide and 120,000 tons of food-grade sodium pyrosulfite per year. As a result, our annual output value can reach above 1 billion RMB.





Strengths



Technical inheritance

- The sodium hydrosulfite production plants of **Guangdong ZhongCheng Chemicals Inc., Ltd** (located in Mayong, Dongguan), which are able to produce 180,000 tons of sodium dithionite per year, ceased production on August 31, 2014.
- Acquired its **production technology** and **made innovations**
- Obtained its **market shares** and **professional technicians**



High Quality Products and Sales Territory

- **High value-added products of superior-quality** and formulated products better than some factories which can only produce Class 1 products and conforming products with just acceptable quality



Products sold to more than **60 countries** and regions in the world under the background that the domestic and global market consumption of sodium hydrosulfite increases by over 10% each year.



Unique Geographical Advantage

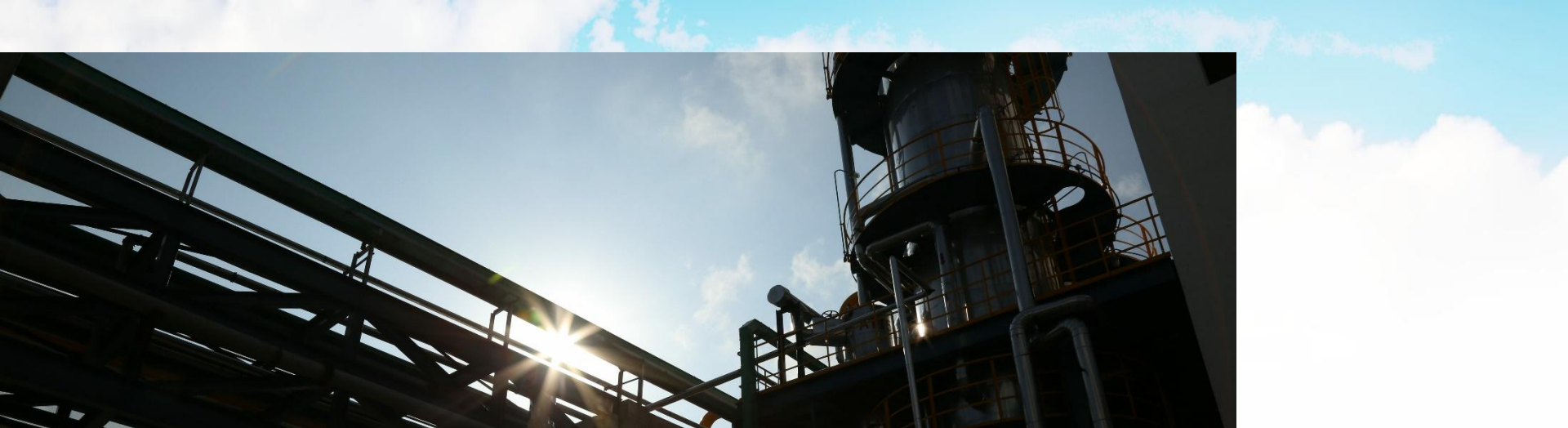
- Set up our sodium dithionite production plant in the Maoming **National Hi-Tech Industrial Development Zone**.
- Petrochemical industry is robust in Maoming, which presents for us a **vast market**
- Close to the raw material production sites and customers, the costs and safety risks of product shipment are greatly reduced
- Well-developed water, land and rail transportation system in Maoming provides enormous conveniences for product shipment, and the proximity of the Maoming Port also makes it easy to conduct international trades



Site Selection of the Chemical Campus

- Setting up in the green chemical campus enables us to combine the characteristics of the local economic development and take advantage of the favorable conditions for factory construction.
- Drive the integration of the upstream and downstream of the chemical industry, promote the reasonable use of resources, and enhance competitiveness.
- Increase the local employment opportunities and drive the development of related industry chains and local economy.





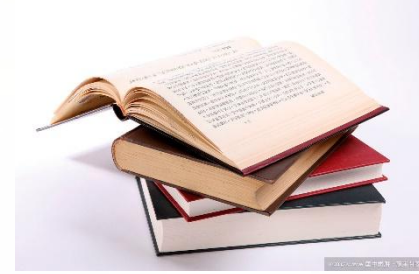
Sodium Hydrosulfite

Sodium dithionite is widely used in many industries, including textile printing and dyeing, paper making, kaolin bleaching, food, mineral processing, medicine, pesticides and chemicals.

PRODUCT

Product Application

- Used in the **textile industry** for vat **dyeing**, **reduction cleaning**, **printing and stripping**, textile materials bleaching.
- Used in **bleaching paper pulps**, especially mechanical pulps, it's the most fittable bleaching agent in pulps.
- Used in **foodstuffs** at Sodium hydrosulfite food additive grade, as bleaching agent and preservative in dried fruits, dried vegetable, vermicelli, glucose, sugar, rock sugar, caramel, candy, liquid glucose, bamboo shoots, mushrooms and canned mushrooms.
- Used as **reducing agent** in chemical industry.
- **kaolin bleaching**
- **Pesticides**
- **Medicine**



Product Specification



GUANGDI MAOMING CHEMICALS Co., Ltd.

hi-tech zone, Maoming City, Guangdong Province, China

Tel: 86-0668-2637666 Fax: 86-0668-2637333

CERTIFICATE OF ANALYSIS

PRODUCT: SODIUM HYDROSULFITE (85%)

Characteristics	Specification	LOT# and Result						Execution standard
		1809090106	18010300777	1810300782	1810300790	1810310795	1810310801	
Purity	$\geq 85.00\%$	87.68	87.44	87.80	87.89	87.50	88.20	HG/T 2074—2011
Appearance	White crystalline powder	Pass	Pass	Pass	Pass	Pass	Pass	
Odor	No or light sulfurous acid	Normal	Normal	Normal	Normal	Normal	Normal	
Solution state	Clear	Clear	Clear	Clear	Clear	Clear	Clear	
Fe	$\leq 20\text{ppm}$	3	2	4	2	3	3	The enterprise internal control method
HCOONa	0.02% max	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
QTY	DRUM	12	48	48	48	48	48	
Shelf life	within 180 days, no less than the specification.							HG/T 2074—2011

Signature:

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Product Specification



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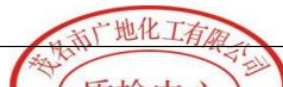
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CERTIFICATE OF ANALYSIS

PRODUCT: SODIUM HYDROSULFITE (88%)

Characteristics	Specification	LOT# and Result				Execution standard
		1811180439	1811180441	1811180443	1811180444	
Purity	$\geq 88.00\%$	89.09	89.09	89.25	88.90	HG/T 2074—2011
Appearance	White crystalline powder	Pass	Pass	Pass	Pass	
Odor	No or light sulfurous acid	Normal	Normal	Normal	Normal	
Solution state	Clear	Clear	Clear	Clear	Clear	
QTY	DRUM	252	335	336	157	

Signature:



Product Specification



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CERTIFICATE OF ANALYSIS

PRODUCT: SODIUM HYDROSULFITE (90%)

Characteristics	Specification	LOT# and Result					Execution standard
		1804010055	1803270816	1803300008	1803300924	1803310017	
Purity	$\geq 90.5\%$	90.52%	90.80	90.66	90.64	91.09	HG/T 2074—2011
Appearance	White crystalline powder	Pass	Pass	Pass	Pass	Pass	HG/T 2074—2011
Odor	No or light sulfurous acid	Normal	Normal	Normal	Normal	Normal	HG/T 2074—2011
Solution state	Clear	Clear	Clear	Clear	Clear	Clear	HG/T 2074—2011
5% aqueous PH	5. 6-6. 4	6. 04	6. 12	6. 17	6. 11	6. 21	The enterprise internal control method
HCOONa	0. 5% max	0. 1%	0. 1%	0. 1%	0. 1%	0. 1%	The enterprise internal control method
Cu	$\leq 5\text{ppm}$	0. 35ppm	0. 28ppm	0. 32ppm	0. 36ppm	0. 33ppm	GB9723-2007
Mn	$\leq 5\text{ppm}$	0. 38ppm	0. 31ppm	0. 31ppm	0. 29ppm	0. 30ppm	GB9723-2007
Na ₂ S ₂ O ₃	1. 2%max	0. 22%	0. 15%	0. 26%	0. 31%	0. 22%	The enterprise internal control method
Na ₂ S ₂ O ₅	5. 0%-7. 0%	5. 52%	5. 82%	6. 13%	6. 01%	5. 69%	The enterprise internal control method
Na ₂ CO ₃	0. 6%-1. 4%	0. 85%	0. 70%	0. 96%	0. 88%	0. 92%	The enterprise internal control method
Na ₂ SO ₃	0. 5%max	0. 02%	0. 01%	0. 01%	0. 05%	0. 01%	The enterprise internal control method

Packing and Delivery





THANK YOU!

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