

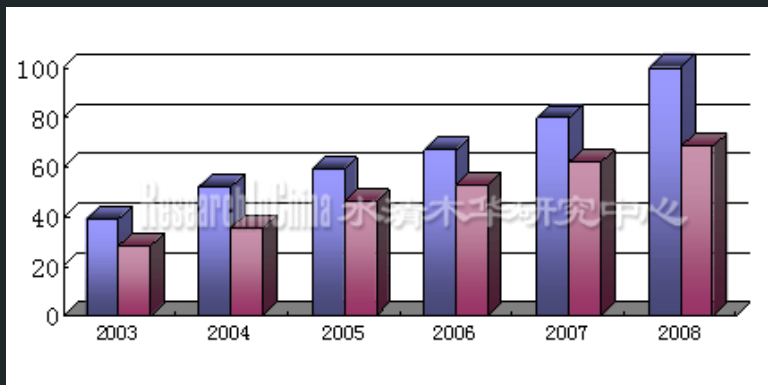
China Hydrofluoric Acid Market Report, 2008-2009



With the technological progress and market expansion, the production capacity and output of hydrofluoric acid have been growing rapidly. By the end of 2008, China's actual annual production capacity of hydrofluoric acid hit more than one million tons. However, hydrofluoric acid, especially high-purity and high-performance products, is still in short supply, so China imports some every year.

In 2008, the total output of hydrofluoric acid increased greatly to 679,000 tons, an increase of more than 12.7% compared with 2007. In 2003, the output was 284,300 tons, so the output expanded by an annual increase of over 10% from 2003 to 2008.

Production Capacity and Output of Hydrofluoric Acid in China, 2003-2008 (Unit: 10,000 tons)

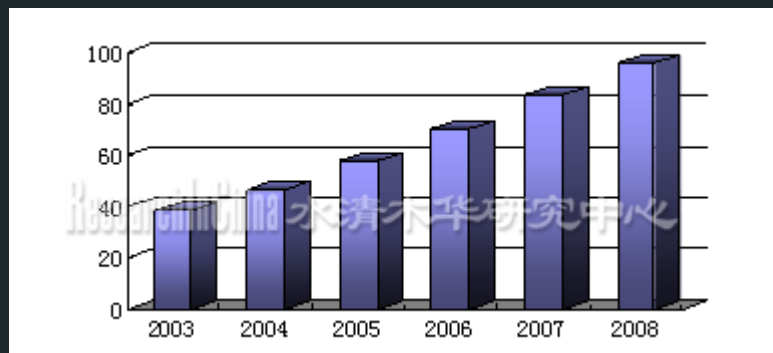


Source: ResearchInChina

Hydrofluoric acid is not only the most important basic material for fluorine chemical, but also the fluoride with the largest consumption. Besides, it is the major downstream processed product of fluorite. It is used in the manufacture of inorganic fluorine compounds, such as aluminum fluoride and crystal stone, the purification of molybdenum, rare earth and graphite as well as glass etching and metal cleaning; additionally, it is the main raw material of fluorine. In the aspect of organic compounds, hydrofluoric acid acts as the raw material of fluorine refrigerant and organic fluorine resin as well as the catalyst of alkylation and hydrocarbons, besides, it is utilized in the polymerization of alcohol and ethers, power polishing and eroded semiconductor silicon cleaning (mixed with HNO₃).

China's demand for hydrofluoric acid in 2003 was about 382,000 tons, and the figure in 2009 will be 917,000 tons. Growth in demand mainly arises from the demand of downstream application fields.

China Hydrofluoric Acid Demand, 2003-2008 (Unit: 10,000 tons)



Source: ResearchInChina

Table of Contents

- **1. General Introduction to Hydrofluoric Acid and Production Technology**
 - 1.1. General Introduction
 - 1.2 Physical and Chemical Properties
 - 1.2.1 Anhydrous Hydrofluoric Acid
 - 1.2.2 Hydrofluoric Acid
 - 1.3 Quality Standard
 - 1.4 Main Production Methods
 - 1.5 Technical Innovation and Development Trend
- **2. Status Quo of China Hydrofluoric Acid Production**
 - 2.1 Status Quo of Hydrofluoric Acid Producers
 - 2.1.1 Key Producers
 - 2.1.1.1 Dongyue Group Co., Ltd.
 - 2.1.1.2 Yingpeng Chemical Co., Ltd.
 - 2.1.1.3 Sanmei Chemical Co., Ltd.
 - 2.1.1.4 Haixin Chemical Co., Ltd.
 - 2.1.2 Geographical Distribution of Hydrofluoric Acid Producers
 - 2.1.3 Scale Effect of Hydrofluoric Acid Producers
 - 2.2 Production Capacity & Output
 - 2.3 Price
 - 2.4 Vertical Integration Degree
- **3. Hydrofluoric Acid Market Pattern**
 - 3.1 Regional Hydrofluoric Acid Markets in China
 - 3.1.1 Consumption Structure of Hydrofluoric Acid
 - 3.1.2 Consumption in Chinese Market
 - 3.1.3 Application Market of Hydrofluoric Acid
 - 3.2 Demand of Hydrofluoric Acid
 - 3.2.1 Demand
 - 3.2.2 Factors Affecting Demand
 - 3.2.2.1 Raw Materials
 - 3.2.2.2 Chemical Industry Development
 - 3.2.2.3 Aluminum Industry Development
 - 3.2.2.4 Glass Industry Development
 - 3.2.2.5 Catalyst Industry Development
 - 3.3 Sales Channels of Hydrofluoric Acid in China
 - 3.4 Production and Demand Balance
 - 3.5 International Hydrofluoric Acid Market
- **4. Import and Export of Hydrofluoric Acid**
 - 4.1 Overall Situation
 - 4.2 Import and Export by Country

- 4.3 Import and Export by Province
- **5. Fluorite**
 - 5.1 Overview
 - 5.2 Distribution of Fluorite Resources in China
 - 5.3 Related Policies
 - 5.3.1 The Tentative Tax Rate for the Export of Hydrofluoric Acid is Raised to 25% in 2009
 - 5.3.2 Zhejiang Issued "Circular on Strengthening the Management of Fluorite Resources"
 - 5.4 Production and Consumption of Fluorite
 - 5.5 Imports and Exports of Fluorite
- **6. Planned and Under-Construction Projects**
- **7. Conclusions and Suggestions**

Selected Charts

- Standards of Industrial Hydrofluoric Acid
- Standards of Anhydrous Hydrofluoric Acid
- Main Financial Indicators of Dongyue Group
- Geographic Distribution of Chinese Main Hydrofluoric Acid Producers
- Scale of Hydrofluoric Acid Processing Enterprises in 2008
- Production Capacity and Output of Hydrofluoric Acid in China, 2005-2008
- Quoted Prices of Hydrofluoric Acid, April 2009
- Production Capacity of Major Chinese Fluoropolymer Enterprises, 2007
- Output of Major Fluoropolymers in China, 2000-2007
- Production Capacity and Output of Major Chinese Fluoride Salt Enterprises, 2007
- Demand for Hydrofluoric Acid in China, 2003-2008
- Gap between Supply and Demand of Hydrofluoric Acid in China, 2003-2008
- China Import and Export of Hydrofluoric Acid, 2008
- China Import and Export of Hydrofluoric Acid, 2009
- China Import and Export Volume of Hydrofluoric Acid by Country, 2007 (Unit: Kg)
- China Import and Export Volume of Hydrofluoric Acid by Province, 2007 (Unit: Kg)
- China Import and Export Volume of Hydrofluoric Acid by Region, 2007 (Unit: Kg)
- China Major Fluorite Deposits
- Tariff List of Some Fluorine-Containing Products Adjusted by the Ministry of Finance
- China's Output of Fluorite (Concentrate Powder), 2001-2008
- Import and Export of Fluorite (Calcium Fluoride \leq 97%), 2008
- Import and Export of Fluorite (Calcium Fluoride $>$ 97%), 2008

- Import and Export of Fluorite (Calcium Fluoride \leq 97%), January-March 2009
- Import and Export of Fluorite (Calcium Fluoride $>$ 97%), April 2008- March 2009
- Scale of Hydrofluoric Acid Processing Enterprises in 2008
- China's Production Capacity and Output of Hydrofluoric Acid, 2003-2008
- Consumption Structure of Hydrofluoric Acid
- China's Demand for Hydrofluoric Acid, 2003-2008
- Growth Rate of Demand for Hydrofluoric Acid in China
- Import and Export Volume of Hydrofluoric Acid (Hydrogen Fluoride), 2008
- Import and Export of Hydrofluoric Acid (Hydrogen Fluoride), 2008 (US\$)
- Import and Export Volume of Hydrofluoric Acid (Hydrogen Fluoride), April 2008 - March 2009 (US\$)
- China's Consumption Structure of Fluorite, 2008
- Import and Export Volume of Fluorite (Calcium Fluoride \leq 97%), 2008 (US\$)
- Import and Export Volume of Fluorite (Calcium Fluoride $>$ 97%), 2008 (US\$)
- Import and Export Volume of Fluorite (Calcium Fluoride \leq 97%), April 2008 - March 2009 (US\$)
- Import and Export Volume of Fluorite (Calcium Fluoride $>$ 97%), April 2008 - March 2009 (US\$)

How to Buy

Product details			How to Order
Single user	USD	File	By email: report@researchinchina.com
	1,299	PDF	By fax: 86-10-82600829
	1,499	PDF	By online: www.researchinchina.com
Publication date: May 2009			
For more information, call our office in Beijing, China:			
Tel: 86-10-82600828			
Website: www.researchinchina.com			