

# Global Ammonium Fluoride-Hydrofluoric Acid Etchants Market Growth 2023-2029

<https://marketpublishers.com/r/GA3609F0DBD6EN.html>

Date: February 2023

Pages: 107

Price: US\$ 3,660.00 (Single User License)

ID: GA3609F0DBD6EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

LPI (LP Information)' newest research report, the “Ammonium Fluoride-Hydrofluoric Acid Etchants Industry Forecast” looks at past sales and reviews total world Ammonium Fluoride-Hydrofluoric Acid Etchants sales in 2022, providing a comprehensive analysis by region and market sector of projected Ammonium Fluoride-Hydrofluoric Acid Etchants sales for 2023 through 2029. With Ammonium Fluoride-Hydrofluoric Acid Etchants sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Ammonium Fluoride-Hydrofluoric Acid Etchants industry.

This Insight Report provides a comprehensive analysis of the global Ammonium Fluoride-Hydrofluoric Acid Etchants landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Ammonium Fluoride-Hydrofluoric Acid Etchants portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Ammonium Fluoride-Hydrofluoric Acid Etchants market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Ammonium Fluoride-Hydrofluoric Acid Etchants and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global

## Ammonium Fluoride-Hydrofluoric Acid Etchants.

The global Ammonium Fluoride-Hydrofluoric Acid Etchants market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Ammonium Fluoride-Hydrofluoric Acid Etchants is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Ammonium Fluoride-Hydrofluoric Acid Etchants is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Ammonium Fluoride-Hydrofluoric Acid Etchants is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Ammonium Fluoride-Hydrofluoric Acid Etchants players cover Stella Chemifa, Zhejiang Kaisn, FDAC, Zhejiang Morita, Soulbrain, KMG Chemicals, Jiangyin Jianghua, Suzhou Crystal Clear Chemical and Fujian Shaowu Yongfei, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Ammonium Fluoride-Hydrofluoric Acid Etchants market by product type, application, key manufacturers and key regions and countries.

### Market Segmentation:

#### Segmentation by type

6:1 Mixture

7:1 Mixture

Others

#### Segmentation by application

Semiconductor

Flat Panel Display

Solar Energy

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Stella Chemifa

Zhejiang Kaisn

FDAC

Zhejiang Morita

Soulbrain

KMG Chemicals

Jiangyin Jianghua

Suzhou Crystal Clear Chemical

Fujian Shaowu Yongfei

Suzhou Boyang Chemical

Jiangyin Runma

Puritan Products(Avantor)

Columbus Chemical Industries

Transene Company

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global Ammonium Fluoride-Hydrofluoric Acid Etchants market?

What factors are driving Ammonium Fluoride-Hydrofluoric Acid Etchants market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Ammonium Fluoride-Hydrofluoric Acid Etchants market opportunities vary by end market size?

How does Ammonium Fluoride-Hydrofluoric Acid Etchants break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Ammonium Fluoride-Hydrofluoric Acid Etchants by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Ammonium Fluoride-Hydrofluoric Acid Etchants by Country/Region, 2018, 2022 & 2029

#### 2.2 Ammonium Fluoride-Hydrofluoric Acid Etchants Segment by Type

- 2.2.1 6:1 Mixture
- 2.2.2 7:1 Mixture
- 2.2.3 Others

#### 2.3 Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Type

- 2.3.1 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Type (2018-2023)
- 2.3.2 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue and Market Share by Type (2018-2023)
- 2.3.3 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sale Price by Type (2018-2023)

#### 2.4 Ammonium Fluoride-Hydrofluoric Acid Etchants Segment by Application

- 2.4.1 Semiconductor
- 2.4.2 Flat Panel Display
- 2.4.3 Solar Energy
- 2.4.4 Others

#### 2.5 Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Application

- 2.5.1 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sale Market Share by

Application (2018-2023)

2.5.2 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue and Market Share by Application (2018-2023)

2.5.3 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sale Price by Application (2018-2023)

### **3 GLOBAL AMMONIUM FLUORIDE-HYDROFLUORIC ACID ETCHANTS BY COMPANY**

3.1 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Breakdown Data by Company

3.1.1 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Annual Sales by Company (2018-2023)

3.1.2 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Company (2018-2023)

3.2 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Annual Revenue by Company (2018-2023)

3.2.1 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Company (2018-2023)

3.2.2 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Company (2018-2023)

3.3 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sale Price by Company

3.4 Key Manufacturers Ammonium Fluoride-Hydrofluoric Acid Etchants Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Ammonium Fluoride-Hydrofluoric Acid Etchants Product Location Distribution

3.4.2 Players Ammonium Fluoride-Hydrofluoric Acid Etchants Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR AMMONIUM FLUORIDE-HYDROFLUORIC ACID ETCHANTS BY GEOGRAPHIC REGION**

4.1 World Historic Ammonium Fluoride-Hydrofluoric Acid Etchants Market Size by Geographic Region (2018-2023)

4.1.1 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Annual Sales by

## Geographic Region (2018-2023)

4.1.2 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Ammonium Fluoride-Hydrofluoric Acid Etchants Market Size by Country/Region (2018-2023)

4.2.1 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Annual Sales by Country/Region (2018-2023)

4.2.2 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Annual Revenue by Country/Region (2018-2023)

4.3 Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Growth

4.4 APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Growth

4.5 Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Growth

4.6 Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Growth

## 5 AMERICAS

5.1 Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Country

5.1.1 Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Country (2018-2023)

5.1.2 Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Country (2018-2023)

5.2 Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Type

5.3 Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## 6 APAC

6.1 APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Region

6.1.1 APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Region (2018-2023)

6.1.2 APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Region (2018-2023)

6.2 APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Type

6.3 APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Application

6.4 China

6.5 Japan



- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Ammonium Fluoride-Hydrofluoric Acid Etchants by Country
  - 7.1.1 Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Country (2018-2023)
  - 7.1.2 Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Country (2018-2023)
- 7.2 Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Type
- 7.3 Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants by Country
  - 8.1.1 Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Country (2018-2023)
  - 8.1.2 Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Type
- 8.3 Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Ammonium Fluoride-Hydrofluoric Acid Etchants

10.3 Manufacturing Process Analysis of Ammonium Fluoride-Hydrofluoric Acid Etchants

10.4 Industry Chain Structure of Ammonium Fluoride-Hydrofluoric Acid Etchants

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Ammonium Fluoride-Hydrofluoric Acid Etchants Distributors

11.3 Ammonium Fluoride-Hydrofluoric Acid Etchants Customer

## **12 WORLD FORECAST REVIEW FOR AMMONIUM FLUORIDE-HYDROFLUORIC ACID ETCHANTS BY GEOGRAPHIC REGION**

12.1 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Market Size Forecast by Region

12.1.1 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Forecast by Region (2024-2029)

12.1.2 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Annual Revenue Forecast by Region (2024-2029)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Forecast by Type

12.7 Global Ammonium Fluoride-Hydrofluoric Acid Etchants Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

13.1 Stella Chemifa

- 13.1.1 Stella Chemifa Company Information
- 13.1.2 Stella Chemifa Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications
- 13.1.3 Stella Chemifa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.1.4 Stella Chemifa Main Business Overview
- 13.1.5 Stella Chemifa Latest Developments
- 13.2 Zhejiang Kaisn
  - 13.2.1 Zhejiang Kaisn Company Information
  - 13.2.2 Zhejiang Kaisn Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications
  - 13.2.3 Zhejiang Kaisn Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.2.4 Zhejiang Kaisn Main Business Overview
  - 13.2.5 Zhejiang Kaisn Latest Developments
- 13.3 FDAC
  - 13.3.1 FDAC Company Information
  - 13.3.2 FDAC Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications
  - 13.3.3 FDAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.3.4 FDAC Main Business Overview
  - 13.3.5 FDAC Latest Developments
- 13.4 Zhejiang Morita
  - 13.4.1 Zhejiang Morita Company Information
  - 13.4.2 Zhejiang Morita Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications
  - 13.4.3 Zhejiang Morita Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.4.4 Zhejiang Morita Main Business Overview
  - 13.4.5 Zhejiang Morita Latest Developments
- 13.5 Soulbrain
  - 13.5.1 Soulbrain Company Information
  - 13.5.2 Soulbrain Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications
  - 13.5.3 Soulbrain Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.5.4 Soulbrain Main Business Overview
  - 13.5.5 Soulbrain Latest Developments

## 13.6 KMG Chemicals

### 13.6.1 KMG Chemicals Company Information

### 13.6.2 KMG Chemicals Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

### 13.6.3 KMG Chemicals Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.6.4 KMG Chemicals Main Business Overview

### 13.6.5 KMG Chemicals Latest Developments

## 13.7 Jiangyin Jianghua

### 13.7.1 Jiangyin Jianghua Company Information

### 13.7.2 Jiangyin Jianghua Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

### 13.7.3 Jiangyin Jianghua Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.7.4 Jiangyin Jianghua Main Business Overview

### 13.7.5 Jiangyin Jianghua Latest Developments

## 13.8 Suzhou Crystal Clear Chemical

### 13.8.1 Suzhou Crystal Clear Chemical Company Information

### 13.8.2 Suzhou Crystal Clear Chemical Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

### 13.8.3 Suzhou Crystal Clear Chemical Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.8.4 Suzhou Crystal Clear Chemical Main Business Overview

### 13.8.5 Suzhou Crystal Clear Chemical Latest Developments

## 13.9 Fujian Shaowu Yongfei

### 13.9.1 Fujian Shaowu Yongfei Company Information

### 13.9.2 Fujian Shaowu Yongfei Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

### 13.9.3 Fujian Shaowu Yongfei Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.9.4 Fujian Shaowu Yongfei Main Business Overview

### 13.9.5 Fujian Shaowu Yongfei Latest Developments

## 13.10 Suzhou Boyang Chemical

### 13.10.1 Suzhou Boyang Chemical Company Information

### 13.10.2 Suzhou Boyang Chemical Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

### 13.10.3 Suzhou Boyang Chemical Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.10.4 Suzhou Boyang Chemical Main Business Overview

- 13.10.5 Suzhou Boyang Chemical Latest Developments
- 13.11 Jiangyin Runma
  - 13.11.1 Jiangyin Runma Company Information
  - 13.11.2 Jiangyin Runma Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications
  - 13.11.3 Jiangyin Runma Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.11.4 Jiangyin Runma Main Business Overview
  - 13.11.5 Jiangyin Runma Latest Developments
- 13.12 Puritan Products(Avantor)
  - 13.12.1 Puritan Products(Avantor) Company Information
  - 13.12.2 Puritan Products(Avantor) Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications
  - 13.12.3 Puritan Products(Avantor) Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.12.4 Puritan Products(Avantor) Main Business Overview
  - 13.12.5 Puritan Products(Avantor) Latest Developments
- 13.13 Columbus Chemical Industries
  - 13.13.1 Columbus Chemical Industries Company Information
  - 13.13.2 Columbus Chemical Industries Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications
  - 13.13.3 Columbus Chemical Industries Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.13.4 Columbus Chemical Industries Main Business Overview
  - 13.13.5 Columbus Chemical Industries Latest Developments
- 13.14 Transene Company
  - 13.14.1 Transene Company Company Information
  - 13.14.2 Transene Company Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications
  - 13.14.3 Transene Company Ammonium Fluoride-Hydrofluoric Acid Etchants Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.14.4 Transene Company Main Business Overview
  - 13.14.5 Transene Company Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Ammonium Fluoride-Hydrofluoric Acid Etchants Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Ammonium Fluoride-Hydrofluoric Acid Etchants Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of 6:1 Mixture

Table 4. Major Players of 7:1 Mixture

Table 5. Major Players of Others

Table 6. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Type (2018-2023) & (Tons)

Table 7. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Type (2018-2023)

Table 8. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Type (2018-2023) & (\$ million)

Table 9. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Type (2018-2023)

Table 10. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sale Price by Type (2018-2023) & (US\$/Ton)

Table 11. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Application (2018-2023) & (Tons)

Table 12. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Application (2018-2023)

Table 13. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Application (2018-2023)

Table 14. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Application (2018-2023)

Table 15. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sale Price by Application (2018-2023) & (US\$/Ton)

Table 16. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Company (2018-2023) & (Tons)

Table 17. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Company (2018-2023)

Table 18. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Company (2018-2023) (\$ Millions)

Table 19. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Company (2018-2023)



Table 20. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sale Price by Company (2018-2023) & (US\$/Ton)

Table 21. Key Manufacturers Ammonium Fluoride-Hydrofluoric Acid Etchants Producing Area Distribution and Sales Area

Table 22. Players Ammonium Fluoride-Hydrofluoric Acid Etchants Products Offered

Table 23. Ammonium Fluoride-Hydrofluoric Acid Etchants Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Geographic Region (2018-2023) & (Tons)

Table 27. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share Geographic Region (2018-2023)

Table 28. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 29. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Geographic Region (2018-2023)

Table 30. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Country/Region (2018-2023) & (Tons)

Table 31. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Country/Region (2018-2023)

Table 32. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Country/Region (2018-2023) & (\$ millions)

Table 33. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Country/Region (2018-2023)

Table 34. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Country (2018-2023) & (Tons)

Table 35. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Country (2018-2023)

Table 36. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Country (2018-2023) & (\$ Millions)

Table 37. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Country (2018-2023)

Table 38. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Type (2018-2023) & (Tons)

Table 39. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Application (2018-2023) & (Tons)

Table 40. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Region (2018-2023) & (Tons)

Table 41. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Region (2018-2023)

Table 42. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Region (2018-2023)

Table 44. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Type (2018-2023) & (Tons)

Table 45. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Application (2018-2023) & (Tons)

Table 46. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Country (2018-2023) & (Tons)

Table 47. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Country (2018-2023)

Table 48. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Country (2018-2023)

Table 50. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Type (2018-2023) & (Tons)

Table 51. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Application (2018-2023) & (Tons)

Table 52. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Country (2018-2023) & (Tons)

Table 53. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Type (2018-2023) & (Tons)

Table 57. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Application (2018-2023) & (Tons)

Table 58. Key Market Drivers & Growth Opportunities of Ammonium Fluoride-Hydrofluoric Acid Etchants

Table 59. Key Market Challenges & Risks of Ammonium Fluoride-Hydrofluoric Acid Etchants

Table 60. Key Industry Trends of Ammonium Fluoride-Hydrofluoric Acid Etchants



Table 61. Ammonium Fluoride-Hydrofluoric Acid Etchants Raw Material
Table 62. Key Suppliers of Raw Materials
Table 63. Ammonium Fluoride-Hydrofluoric Acid Etchants Distributors List
Table 64. Ammonium Fluoride-Hydrofluoric Acid Etchants Customer List
Table 65. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Forecast by Region (2024-2029) & (Tons)
Table 66. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Forecast by Region (2024-2029) & (\$ millions)
Table 67. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Forecast by Country (2024-2029) & (Tons)
Table 68. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Forecast by Country (2024-2029) & (\$ millions)
Table 69. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Forecast by Region (2024-2029) & (Tons)
Table 70. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Forecast by Region (2024-2029) & (\$ millions)
Table 71. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Forecast by Country (2024-2029) & (Tons)
Table 72. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Forecast by Country (2024-2029) & (\$ millions)
Table 73. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Forecast by Country (2024-2029) & (Tons)
Table 74. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Forecast by Country (2024-2029) & (\$ millions)
Table 75. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Forecast by Type (2024-2029) & (Tons)
Table 76. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Forecast by Type (2024-2029) & (\$ Millions)
Table 77. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Forecast by Application (2024-2029) & (Tons)
Table 78. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Forecast by Application (2024-2029) & (\$ Millions)
Table 79. Stella Chemifa Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors
Table 80. Stella Chemifa Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications
Table 81. Stella Chemifa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
Table 82. Stella Chemifa Main Business

Table 83. Stella Chemifa Latest Developments

Table 84. Zhejiang Kaisn Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 85. Zhejiang Kaisn Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 86. Zhejiang Kaisn Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 87. Zhejiang Kaisn Main Business

Table 88. Zhejiang Kaisn Latest Developments

Table 89. FDAC Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 90. FDAC Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 91. FDAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 92. FDAC Main Business

Table 93. FDAC Latest Developments

Table 94. Zhejiang Morita Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 95. Zhejiang Morita Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 96. Zhejiang Morita Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 97. Zhejiang Morita Main Business

Table 98. Zhejiang Morita Latest Developments

Table 99. Soulbrain Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 100. Soulbrain Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 101. Soulbrain Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 102. Soulbrain Main Business

Table 103. Soulbrain Latest Developments

Table 104. KMG Chemicals Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 105. KMG Chemicals Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 106. KMG Chemicals Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 107. KMG Chemicals Main Business

Table 108. KMG Chemicals Latest Developments

Table 109. Jiangyin Jianghua Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 110. Jiangyin Jianghua Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 111. Jiangyin Jianghua Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 112. Jiangyin Jianghua Main Business

Table 113. Jiangyin Jianghua Latest Developments

Table 114. Suzhou Crystal Clear Chemical Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 115. Suzhou Crystal Clear Chemical Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 116. Suzhou Crystal Clear Chemical Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 117. Suzhou Crystal Clear Chemical Main Business

Table 118. Suzhou Crystal Clear Chemical Latest Developments

Table 119. Fujian Shaowu Yongfei Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 120. Fujian Shaowu Yongfei Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 121. Fujian Shaowu Yongfei Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 122. Fujian Shaowu Yongfei Main Business

Table 123. Fujian Shaowu Yongfei Latest Developments

Table 124. Suzhou Boyang Chemical Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 125. Suzhou Boyang Chemical Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 126. Suzhou Boyang Chemical Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 127. Suzhou Boyang Chemical Main Business

Table 128. Suzhou Boyang Chemical Latest Developments

Table 129. Jiangyin Runma Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 130. Jiangyin Runma Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 131. Jiangyin Runma Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 132. Jiangyin Runma Main Business

Table 133. Jiangyin Runma Latest Developments

Table 134. Puritan Products(Avantor) Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 135. Puritan Products(Avantor) Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 136. Puritan Products(Avantor) Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 137. Puritan Products(Avantor) Main Business

Table 138. Puritan Products(Avantor) Latest Developments

Table 139. Columbus Chemical Industries Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 140. Columbus Chemical Industries Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 141. Columbus Chemical Industries Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 142. Columbus Chemical Industries Main Business

Table 143. Columbus Chemical Industries Latest Developments

Table 144. Transene Company Basic Information, Ammonium Fluoride-Hydrofluoric Acid Etchants Manufacturing Base, Sales Area and Its Competitors

Table 145. Transene Company Ammonium Fluoride-Hydrofluoric Acid Etchants Product Portfolios and Specifications

Table 146. Transene Company Ammonium Fluoride-Hydrofluoric Acid Etchants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 147. Transene Company Main Business

Table 148. Transene Company Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Ammonium Fluoride-Hydrofluoric Acid Etchants
- Figure 2. Ammonium Fluoride-Hydrofluoric Acid Etchants Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Growth Rate 2018-2029 (Tons)
- Figure 7. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Ammonium Fluoride-Hydrofluoric Acid Etchants Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of 6:1 Mixture
- Figure 10. Product Picture of 7:1 Mixture
- Figure 11. Product Picture of Others
- Figure 12. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Type in 2022
- Figure 13. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Type (2018-2023)
- Figure 14. Ammonium Fluoride-Hydrofluoric Acid Etchants Consumed in Semiconductor
- Figure 15. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Market: Semiconductor (2018-2023) & (Tons)
- Figure 16. Ammonium Fluoride-Hydrofluoric Acid Etchants Consumed in Flat Panel Display
- Figure 17. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Market: Flat Panel Display (2018-2023) & (Tons)
- Figure 18. Ammonium Fluoride-Hydrofluoric Acid Etchants Consumed in Solar Energy
- Figure 19. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Market: Solar Energy (2018-2023) & (Tons)
- Figure 20. Ammonium Fluoride-Hydrofluoric Acid Etchants Consumed in Others
- Figure 21. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Market: Others (2018-2023) & (Tons)
- Figure 22. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Application (2022)
- Figure 23. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Application in 2022



Figure 24. Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market by Company in 2022 (Tons)

Figure 25. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Company in 2022

Figure 26. Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market by Company in 2022 (\$ Million)

Figure 27. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Company in 2022

Figure 28. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Geographic Region (2018-2023)

Figure 29. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Geographic Region in 2022

Figure 30. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales 2018-2023 (Tons)

Figure 31. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue 2018-2023 (\$ Millions)

Figure 32. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales 2018-2023 (Tons)

Figure 33. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue 2018-2023 (\$ Millions)

Figure 34. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales 2018-2023 (Tons)

Figure 35. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue 2018-2023 (\$ Millions)

Figure 36. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales 2018-2023 (Tons)

Figure 37. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue 2018-2023 (\$ Millions)

Figure 38. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Country in 2022

Figure 39. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Country in 2022

Figure 40. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Type (2018-2023)

Figure 41. Americas Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Application (2018-2023)

Figure 42. United States Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 43. Canada Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth

2018-2023 (\$ Millions)

Figure 44. Mexico Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth

2018-2023 (\$ Millions)

Figure 45. Brazil Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth

2018-2023 (\$ Millions)

Figure 46. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Region in 2022

Figure 47. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Regions in 2022

Figure 48. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Type (2018-2023)

Figure 49. APAC Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Application (2018-2023)

Figure 50. China Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 51. Japan Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 52. South Korea Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 53. Southeast Asia Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 54. India Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 55. Australia Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 56. China Taiwan Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 57. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Country in 2022

Figure 58. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Country in 2022

Figure 59. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Type (2018-2023)

Figure 60. Europe Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Application (2018-2023)

Figure 61. Germany Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 62. France Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 63. UK Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 64. Italy Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 65. Russia Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 66. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Country in 2022

Figure 67. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share by Country in 2022

Figure 68. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Type (2018-2023)

Figure 69. Middle East & Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share by Application (2018-2023)

Figure 70. Egypt Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 71. South Africa Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 72. Israel Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 73. Turkey Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 74. GCC Country Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Growth 2018-2023 (\$ Millions)

Figure 75. Manufacturing Cost Structure Analysis of Ammonium Fluoride-Hydrofluoric Acid Etchants in 2022

Figure 76. Manufacturing Process Analysis of Ammonium Fluoride-Hydrofluoric Acid Etchants

Figure 77. Industry Chain Structure of Ammonium Fluoride-Hydrofluoric Acid Etchants

Figure 78. Channels of Distribution

Figure 79. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Forecast by Region (2024-2029)

Figure 80. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share Forecast by Region (2024-2029)

Figure 81. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share Forecast by Type (2024-2029)

Figure 82. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market Share Forecast by Type (2024-2029)

Figure 83. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Sales Market Share



Forecast by Application (2024-2029)

Figure 84. Global Ammonium Fluoride-Hydrofluoric Acid Etchants Revenue Market

Share Forecast by Application (2024-2029)

## I would like to order

Product name: Global Ammonium Fluoride-Hydrofluoric Acid Etchants Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/GA3609F0DBD6EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA3609F0DBD6EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970