

Fluorine Gas (F2) Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/F07F7A050EABEN.html>

Date: August 2022

Pages: 73

Price: US\$ 3,250.00 (Single User License)

ID: F07F7A050EABEN

Abstracts

Fluorine is a chemical element with the symbol F and atomic number 9. It is the lightest halogen and exists as a highly toxic pale yellow diatomic gas at standard conditions. As the most electronegative element, it is extremely reactive, as it reacts with almost all other elements, except for helium and neon.

Fluorine is a pale-yellow gas with a particularly unpleasant odor. It condenses into a yellow liquid below -188.1° and yellow crystal at -219.62°. This report studies gas phase Fluorine, it is used for electronics industry and chemical industry usually.

Fluorine is produced by electrolyzing a solution of potassium fluoride in anhydrous hydrogen fluoride. It is used as chemical feedstock for a variety of fluorinated compounds such as sulfur hexafluoride, nitrogen trifluoride, boron trifluoride, tungsten hexafluoride, etc. Fluorine is used for CVD chamber cleaning in semiconductor, LCD, and solar manufacturing. It can be used either thermally or with plasma due to its low decomposition energy. Fluorine has zero GWP; along with cleaning performance, reduced global warming emissions can be a driver for the use.

This report contains market size and forecasts of Fluorine Gas (F2) in global, including the following market information:

Global Fluorine Gas (F2) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Fluorine Gas (F2) Market Sales, 2017-2022, 2023-2028, (MT)

Global top five Fluorine Gas (F2) companies in 2021 (%)

The global Fluorine Gas (F2) market was valued at 252.9 million in 2021 and is projected to reach US\$ 303.2 million by 2028, at a CAGR of 2.6% during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Industrial Grade Fluorine Gas Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Fluorine Gas (F2) include Linde, Solvay, Air Products, Kanto Denka, Hyosung Chemical, Zhuoxi Gas and Central Glass, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Fluorine Gas (F2) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Fluorine Gas (F2) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (MT)

Global Fluorine Gas (F2) Market Segment Percentages, by Type, 2021 (%)

Industrial Grade Fluorine Gas

Electronic Grade Fluorine Gas

Global Fluorine Gas (F2) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (MT)

Global Fluorine Gas (F2) Market Segment Percentages, by Application, 2021 (%)

Electronics Industry

Solar Cells

Chemicals Production

Others

Global Fluorine Gas (F2) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (MT)

Global Fluorine Gas (F2) Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Fluorine Gas (F2) revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Fluorine Gas (F2) revenues share in global market, 2021 (%)

Key companies Fluorine Gas (F2) sales in global market, 2017-2022 (Estimated), (MT)

Key companies Fluorine Gas (F2) sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Linde

Solvay

Air Products

Kanto Denka

Hyosung Chemical

Zhuoxi Gas

Central Glass

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Fluorine Gas (F2) Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Fluorine Gas (F2) Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL FLUORINE GAS (F2) OVERALL MARKET SIZE

- 2.1 Global Fluorine Gas (F2) Market Size: 2021 VS 2028
- 2.2 Global Fluorine Gas (F2) Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Fluorine Gas (F2) Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Fluorine Gas (F2) Players in Global Market
- 3.2 Top Global Fluorine Gas (F2) Companies Ranked by Revenue
- 3.3 Global Fluorine Gas (F2) Revenue by Companies
- 3.4 Global Fluorine Gas (F2) Sales by Companies
- 3.5 Global Fluorine Gas (F2) Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Fluorine Gas (F2) Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Fluorine Gas (F2) Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Fluorine Gas (F2) Players in Global Market
 - 3.8.1 List of Global Tier 1 Fluorine Gas (F2) Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 Fluorine Gas (F2) Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview

- 4.1.1 By Type - Global Fluorine Gas (F2) Market Size Markets, 2021 & 2028
- 4.1.2 Industrial Grade Fluorine Gas
- 4.1.3 Electronic Grade Fluorine Gas
- 4.2 By Type - Global Fluorine Gas (F2) Revenue & Forecasts
 - 4.2.1 By Type - Global Fluorine Gas (F2) Revenue, 2017-2022
 - 4.2.2 By Type - Global Fluorine Gas (F2) Revenue, 2023-2028
 - 4.2.3 By Type - Global Fluorine Gas (F2) Revenue Market Share, 2017-2028
- 4.3 By Type - Global Fluorine Gas (F2) Sales & Forecasts
 - 4.3.1 By Type - Global Fluorine Gas (F2) Sales, 2017-2022
 - 4.3.2 By Type - Global Fluorine Gas (F2) Sales, 2023-2028
 - 4.3.3 By Type - Global Fluorine Gas (F2) Sales Market Share, 2017-2028
- 4.4 By Type - Global Fluorine Gas (F2) Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

- 5.1.1 By Application - Global Fluorine Gas (F2) Market Size, 2021 & 2028
- 5.1.2 Electronics Industry
- 5.1.3 Solar Cells
- 5.1.4 Chemicals Production
- 5.1.5 Others
- 5.2 By Application - Global Fluorine Gas (F2) Revenue & Forecasts
 - 5.2.1 By Application - Global Fluorine Gas (F2) Revenue, 2017-2022
 - 5.2.2 By Application - Global Fluorine Gas (F2) Revenue, 2023-2028
 - 5.2.3 By Application - Global Fluorine Gas (F2) Revenue Market Share, 2017-2028
- 5.3 By Application - Global Fluorine Gas (F2) Sales & Forecasts
 - 5.3.1 By Application - Global Fluorine Gas (F2) Sales, 2017-2022
 - 5.3.2 By Application - Global Fluorine Gas (F2) Sales, 2023-2028
 - 5.3.3 By Application - Global Fluorine Gas (F2) Sales Market Share, 2017-2028
- 5.4 By Application - Global Fluorine Gas (F2) Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global Fluorine Gas (F2) Market Size, 2021 & 2028
- 6.2 By Region - Global Fluorine Gas (F2) Revenue & Forecasts
 - 6.2.1 By Region - Global Fluorine Gas (F2) Revenue, 2017-2022
 - 6.2.2 By Region - Global Fluorine Gas (F2) Revenue, 2023-2028
 - 6.2.3 By Region - Global Fluorine Gas (F2) Revenue Market Share, 2017-2028

6.3 By Region - Global Fluorine Gas (F2) Sales & Forecasts

6.3.1 By Region - Global Fluorine Gas (F2) Sales, 2017-2022

6.3.2 By Region - Global Fluorine Gas (F2) Sales, 2023-2028

6.3.3 By Region - Global Fluorine Gas (F2) Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Fluorine Gas (F2) Revenue, 2017-2028

6.4.2 By Country - North America Fluorine Gas (F2) Sales, 2017-2028

6.4.3 US Fluorine Gas (F2) Market Size, 2017-2028

6.4.4 Canada Fluorine Gas (F2) Market Size, 2017-2028

6.4.5 Mexico Fluorine Gas (F2) Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Fluorine Gas (F2) Revenue, 2017-2028

6.5.2 By Country - Europe Fluorine Gas (F2) Sales, 2017-2028

6.5.3 Germany Fluorine Gas (F2) Market Size, 2017-2028

6.5.4 France Fluorine Gas (F2) Market Size, 2017-2028

6.5.5 U.K. Fluorine Gas (F2) Market Size, 2017-2028

6.5.6 Italy Fluorine Gas (F2) Market Size, 2017-2028

6.5.7 Russia Fluorine Gas (F2) Market Size, 2017-2028

6.5.8 Nordic Countries Fluorine Gas (F2) Market Size, 2017-2028

6.5.9 Benelux Fluorine Gas (F2) Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Fluorine Gas (F2) Revenue, 2017-2028

6.6.2 By Region - Asia Fluorine Gas (F2) Sales, 2017-2028

6.6.3 China Fluorine Gas (F2) Market Size, 2017-2028

6.6.4 Japan Fluorine Gas (F2) Market Size, 2017-2028

6.6.5 South Korea Fluorine Gas (F2) Market Size, 2017-2028

6.6.6 Southeast Asia Fluorine Gas (F2) Market Size, 2017-2028

6.6.7 India Fluorine Gas (F2) Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Fluorine Gas (F2) Revenue, 2017-2028

6.7.2 By Country - South America Fluorine Gas (F2) Sales, 2017-2028

6.7.3 Brazil Fluorine Gas (F2) Market Size, 2017-2028

6.7.4 Argentina Fluorine Gas (F2) Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Fluorine Gas (F2) Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Fluorine Gas (F2) Sales, 2017-2028

6.8.3 Turkey Fluorine Gas (F2) Market Size, 2017-2028

6.8.4 Israel Fluorine Gas (F2) Market Size, 2017-2028

6.8.5 Saudi Arabia Fluorine Gas (F2) Market Size, 2017-2028

6.8.6 UAE Fluorine Gas (F2) Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Linde

7.1.1 Linde Corporate Summary

7.1.2 Linde Business Overview

7.1.3 Linde Fluorine Gas (F2) Major Product Offerings

7.1.4 Linde Fluorine Gas (F2) Sales and Revenue in Global (2017-2022)

7.1.5 Linde Key News

7.2 Solvay

7.2.1 Solvay Corporate Summary

7.2.2 Solvay Business Overview

7.2.3 Solvay Fluorine Gas (F2) Major Product Offerings

7.2.4 Solvay Fluorine Gas (F2) Sales and Revenue in Global (2017-2022)

7.2.5 Solvay Key News

7.3 Air Products

7.3.1 Air Products Corporate Summary

7.3.2 Air Products Business Overview

7.3.3 Air Products Fluorine Gas (F2) Major Product Offerings

7.3.4 Air Products Fluorine Gas (F2) Sales and Revenue in Global (2017-2022)

7.3.5 Air Products Key News

7.4 Kanto Denka

7.4.1 Kanto Denka Corporate Summary

7.4.2 Kanto Denka Business Overview

7.4.3 Kanto Denka Fluorine Gas (F2) Major Product Offerings

7.4.4 Kanto Denka Fluorine Gas (F2) Sales and Revenue in Global (2017-2022)

7.4.5 Kanto Denka Key News

7.5 Hyosung Chemical

7.5.1 Hyosung Chemical Corporate Summary

7.5.2 Hyosung Chemical Business Overview

7.5.3 Hyosung Chemical Fluorine Gas (F2) Major Product Offerings

7.5.4 Hyosung Chemical Fluorine Gas (F2) Sales and Revenue in Global (2017-2022)

7.5.5 Hyosung Chemical Key News

7.6 Zhuoxi Gas

7.6.1 Zhuoxi Gas Corporate Summary

7.6.2 Zhuoxi Gas Business Overview

7.6.3 Zhuoxi Gas Fluorine Gas (F2) Major Product Offerings

7.6.4 Zhuoxi Gas Fluorine Gas (F2) Sales and Revenue in Global (2017-2022)

7.6.5 Zhuoxi Gas Key News

7.7 Central Glass

7.7.1 Central Glass Corporate Summary

7.7.2 Central Glass Business Overview

7.7.3 Central Glass Fluorine Gas (F2) Major Product Offerings

7.7.4 Central Glass Fluorine Gas (F2) Sales and Revenue in Global (2017-2022)

7.7.5 Central Glass Key News

8 GLOBAL FLUORINE GAS (F2) PRODUCTION CAPACITY, ANALYSIS

8.1 Global Fluorine Gas (F2) Production Capacity, 2017-2028

8.2 Fluorine Gas (F2) Production Capacity of Key Manufacturers in Global Market

8.3 Global Fluorine Gas (F2) Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 FLUORINE GAS (F2) SUPPLY CHAIN ANALYSIS

10.1 Fluorine Gas (F2) Industry Value Chain

10.2 Fluorine Gas (F2) Upstream Market

10.3 Fluorine Gas (F2) Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Fluorine Gas (F2) Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Key Players of Fluorine Gas (F2) in Global Market
- Table 2. Top Fluorine Gas (F2) Players in Global Market, Ranking by Revenue (2021)
- Table 3. Global Fluorine Gas (F2) Revenue by Companies, (US\$, Mn), 2017-2022
- Table 4. Global Fluorine Gas (F2) Revenue Share by Companies, 2017-2022
- Table 5. Global Fluorine Gas (F2) Sales by Companies, (MT), 2017-2022
- Table 6. Global Fluorine Gas (F2) Sales Share by Companies, 2017-2022
- Table 7. Key Manufacturers Fluorine Gas (F2) Price (2017-2022) & (US\$/Kg)
- Table 8. Global Manufacturers Fluorine Gas (F2) Product Type
- Table 9. List of Global Tier 1 Fluorine Gas (F2) Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 10. List of Global Tier 2 and Tier 3 Fluorine Gas (F2) Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 11. By Type – Global Fluorine Gas (F2) Revenue, (US\$, Mn), 2021 & 2028
- Table 12. By Type - Global Fluorine Gas (F2) Revenue (US\$, Mn), 2017-2022
- Table 13. By Type - Global Fluorine Gas (F2) Revenue (US\$, Mn), 2023-2028
- Table 14. By Type - Global Fluorine Gas (F2) Sales (MT), 2017-2022
- Table 15. By Type - Global Fluorine Gas (F2) Sales (MT), 2023-2028
- Table 16. By Application – Global Fluorine Gas (F2) Revenue, (US\$, Mn), 2021 & 2028
- Table 17. By Application - Global Fluorine Gas (F2) Revenue (US\$, Mn), 2017-2022
- Table 18. By Application - Global Fluorine Gas (F2) Revenue (US\$, Mn), 2023-2028
- Table 19. By Application - Global Fluorine Gas (F2) Sales (MT), 2017-2022
- Table 20. By Application - Global Fluorine Gas (F2) Sales (MT), 2023-2028
- Table 21. By Region – Global Fluorine Gas (F2) Revenue, (US\$, Mn), 2021 VS 2028
- Table 22. By Region - Global Fluorine Gas (F2) Revenue (US\$, Mn), 2017-2022
- Table 23. By Region - Global Fluorine Gas (F2) Revenue (US\$, Mn), 2023-2028
- Table 24. By Region - Global Fluorine Gas (F2) Sales (MT), 2017-2022
- Table 25. By Region - Global Fluorine Gas (F2) Sales (MT), 2023-2028
- Table 26. By Country - North America Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2022
- Table 27. By Country - North America Fluorine Gas (F2) Revenue, (US\$, Mn), 2023-2028
- Table 28. By Country - North America Fluorine Gas (F2) Sales, (MT), 2017-2022
- Table 29. By Country - North America Fluorine Gas (F2) Sales, (MT), 2023-2028
- Table 30. By Country - Europe Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2022
- Table 31. By Country - Europe Fluorine Gas (F2) Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Fluorine Gas (F2) Sales, (MT), 2017-2022
Table 33. By Country - Europe Fluorine Gas (F2) Sales, (MT), 2023-2028
Table 34. By Region - Asia Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2022
Table 35. By Region - Asia Fluorine Gas (F2) Revenue, (US\$, Mn), 2023-2028
Table 36. By Region - Asia Fluorine Gas (F2) Sales, (MT), 2017-2022
Table 37. By Region - Asia Fluorine Gas (F2) Sales, (MT), 2023-2028
Table 38. By Country - South America Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2022
Table 39. By Country - South America Fluorine Gas (F2) Revenue, (US\$, Mn), 2023-2028
Table 40. By Country - South America Fluorine Gas (F2) Sales, (MT), 2017-2022
Table 41. By Country - South America Fluorine Gas (F2) Sales, (MT), 2023-2028
Table 42. By Country - Middle East & Africa Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2022
Table 43. By Country - Middle East & Africa Fluorine Gas (F2) Revenue, (US\$, Mn), 2023-2028
Table 44. By Country - Middle East & Africa Fluorine Gas (F2) Sales, (MT), 2017-2022
Table 45. By Country - Middle East & Africa Fluorine Gas (F2) Sales, (MT), 2023-2028
Table 46. Linde Corporate Summary
Table 47. Linde Fluorine Gas (F2) Product Offerings
Table 48. Linde Fluorine Gas (F2) Sales (MT), Revenue (US\$, Mn) and Average Price (US\$/Kg) (2017-2022)
Table 49. Solvay Corporate Summary
Table 50. Solvay Fluorine Gas (F2) Product Offerings
Table 51. Solvay Fluorine Gas (F2) Sales (MT), Revenue (US\$, Mn) and Average Price (US\$/Kg) (2017-2022)
Table 52. Air Products Corporate Summary
Table 53. Air Products Fluorine Gas (F2) Product Offerings
Table 54. Air Products Fluorine Gas (F2) Sales (MT), Revenue (US\$, Mn) and Average Price (US\$/Kg) (2017-2022)
Table 55. Kanto Denka Corporate Summary
Table 56. Kanto Denka Fluorine Gas (F2) Product Offerings
Table 57. Kanto Denka Fluorine Gas (F2) Sales (MT), Revenue (US\$, Mn) and Average Price (US\$/Kg) (2017-2022)
Table 58. Hyosung Chemical Corporate Summary
Table 59. Hyosung Chemical Fluorine Gas (F2) Product Offerings
Table 60. Hyosung Chemical Fluorine Gas (F2) Sales (MT), Revenue (US\$, Mn) and Average Price (US\$/Kg) (2017-2022)
Table 61. Zhuoxi Gas Corporate Summary

Table 62. Zhuoxi Gas Fluorine Gas (F2) Product Offerings

Table 63. Zhuoxi Gas Fluorine Gas (F2) Sales (MT), Revenue (US\$, Mn) and Average Price (US\$/Kg) (2017-2022)

Table 64. Central Glass Corporate Summary

Table 65. Central Glass Fluorine Gas (F2) Product Offerings

Table 66. Central Glass Fluorine Gas (F2) Sales (MT), Revenue (US\$, Mn) and Average Price (US\$/Kg) (2017-2022)

Table 67. Fluorine Gas (F2) Production Capacity (MT) of Key Manufacturers in Global Market, 2020-2022 (MT)

Table 68. Global Fluorine Gas (F2) Capacity Market Share of Key Manufacturers, 2020-2022

Table 69. Global Fluorine Gas (F2) Production by Region, 2017-2022 (MT)

Table 70. Global Fluorine Gas (F2) Production by Region, 2023-2028 (MT)

Table 71. Fluorine Gas (F2) Market Opportunities & Trends in Global Market

Table 72. Fluorine Gas (F2) Market Drivers in Global Market

Table 73. Fluorine Gas (F2) Market Restraints in Global Market

Table 74. Fluorine Gas (F2) Raw Materials

Table 75. Fluorine Gas (F2) Raw Materials Suppliers in Global Market

Table 76. Typical Fluorine Gas (F2) Downstream

Table 77. Fluorine Gas (F2) Downstream Clients in Global Market

Table 78. Fluorine Gas (F2) Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. Fluorine Gas (F2) Segment by Type
- Figure 2. Fluorine Gas (F2) Segment by Application
- Figure 3. Global Fluorine Gas (F2) Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Fluorine Gas (F2) Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Fluorine Gas (F2) Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Fluorine Gas (F2) Sales in Global Market: 2017-2028 (MT)
- Figure 8. The Top 3 and 5 Players Market Share by Fluorine Gas (F2) Revenue in 2021
- Figure 9. By Type - Global Fluorine Gas (F2) Sales Market Share, 2017-2028
- Figure 10. By Type - Global Fluorine Gas (F2) Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Fluorine Gas (F2) Price (US\$/Kg), 2017-2028
- Figure 12. By Application - Global Fluorine Gas (F2) Sales Market Share, 2017-2028
- Figure 13. By Application - Global Fluorine Gas (F2) Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Fluorine Gas (F2) Price (US\$/Kg), 2017-2028
- Figure 15. By Region - Global Fluorine Gas (F2) Sales Market Share, 2017-2028
- Figure 16. By Region - Global Fluorine Gas (F2) Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Fluorine Gas (F2) Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Fluorine Gas (F2) Sales Market Share, 2017-2028
- Figure 19. US Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe Fluorine Gas (F2) Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe Fluorine Gas (F2) Sales Market Share, 2017-2028
- Figure 24. Germany Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028
- Figure 25. France Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia Fluorine Gas (F2) Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia Fluorine Gas (F2) Sales Market Share, 2017-2028
- Figure 33. China Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028

Figure 37. India Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Fluorine Gas (F2) Revenue Market Share, 2017-2028

Figure 39. By Country - South America Fluorine Gas (F2) Sales Market Share, 2017-2028

Figure 40. Brazil Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Fluorine Gas (F2) Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Fluorine Gas (F2) Sales Market Share, 2017-2028

Figure 44. Turkey Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Fluorine Gas (F2) Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Fluorine Gas (F2) Production Capacity (MT), 2017-2028

Figure 49. The Percentage of Production Fluorine Gas (F2) by Region, 2021 VS 2028

Figure 50. Fluorine Gas (F2) Industry Value Chain

Figure 51. Marketing Channels

I would like to order

Product name: Fluorine Gas (F2) Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/F07F7A050EABEN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F07F7A050EABEN.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