+357 96 030922
info@marketpublishers.com

Global Nitrosyl Fluoride Gas Market Growth 2026-2032

https://marketpublishers.com/r/GF28E1131057EN.html
Date: October 2026
Pages: 80
Price: US$ 3,660.00 (Single User License)
ID: GF28E1131057EN

Abstracts

The global Nitrosyl Fluoride Gas market size is predicted to grow from US$ 7.66 million in 2025 to US$ 19.64 million in 2032; it is expected to grow at a CAGR of 13.5% from 2026 to 2032.

In 2025, global Nitrosyl Fluoride Gas capacity 10 Tons, sales reached approximately 9 Tons, with an average market price of around 870 USD/Kg, industrial gross margin 41%.

Nitrosyl fluoride is a highly reactive fluorine-containing nitrogen oxide whose commercial value is increasingly tied to differentiated semiconductor etch chemistry rather than conventional bulk fluorination. The molecule has a molecular weight of 49.0045 g/mol and a normal boiling point of approximately ?59.9°C, making containment, purification and delivery central elements of the product proposition. Semiconductor-oriented technology covers purity levels from ?99% to >99.99% and >99.999%, with tighter specifications extending beyond headline assay to F?NO, nitrogen oxides, moisture and other trace gases. Air Liquide's process disclosures, for example, contemplate F?NO below 1%, with preferred thresholds of 0.1% and 0.01%, while water can be controlled below 20 ppmw in high-selectivity etch applications. This study defines the addressable market as merchant industrial- and electronic-grade NOF, including commercial NOF-containing process mixtures on a 100%-NOF-equivalent basis, while excluding laboratory reagents, analytical standards and NOF generated in situ inside customer processes without a merchant-gas transaction.

The industrial technology stack has moved beyond basic synthesis toward high-purity conversion, by-product suppression, cylinder compatibility and reproducible point-of-use delivery. Direct reaction of fluorine with nitric oxide—F? + 2NO ? 2FNO—is one of the most relevant routes for electronic-grade production, with F?/NO ratios controlled at or below 1/2 to suppress formation of F?NO. Recent Chinese process development uses

+357 96 030922
info@marketpublishers.com

the same underlying chemistry while diluting fluorine with inert gas and precooling the feed before reaction. Alternative industrial pathways include NO/O?/HF chemistry producing NOF in an HF medium for aromatic fluorination, as well as legacy nitrosyl-sulfuric-acid/HF and nitrite/HF processes. For semiconductor supply, however, competitive advantage resides less in the stoichiometry than in deep purification, trace-gas analytics, moisture control, surface passivation and packaging. Air Liquide has disclosed Ni-P-coated 4130X cylinders and compatible high-cleanliness delivery hardware, while Resonac has demonstrated kilogram-scale NOF storage in a 10-liter vessel and storage-pressure windows extending from 0.05 to 5 MPa.

Selective dry etching of silicon nitride in advanced memory architectures is the clearest commercial use case, because increasingly complex 3D structures place a premium on material selectivity rather than fluorine-radical generation alone. Air Liquide's disclosed process space covers SiN or polysilicon selectivity to SiO? of roughly 10–3,000, with narrower preferred ranges of 20–2,000, and high-aspect-ratio structures extending from approximately 10:1 to 1,000:1. SK Specialty has separately disclosed FNO reaction-gas concentrations of at least 20 vol%, preferably at least 25 vol%, with plasma-processing pressures around 100 mTorr to 1 Torr. These conditions shift procurement criteria toward controlled impurity fingerprints, premix consistency, cylinder stability, flow repeatability and wafer-level process qualification. Outside semiconductors, NOF chemistry is also applicable to diazotization/fluorination routes for aryl fluorides, while 2025 research has investigated NOF-based GaN surface treatment; both remain secondary to semiconductor etch as merchant-gas demand drivers.

The competitive landscape remains unusually narrow, with only a small group of specialty-gas companies showing verifiable NOF-specific process, storage or semiconductor-application capability. Air Liquide has the broadest publicly visible portfolio across selective etching and F?NO-controlled storage and supply; Resonac has developed an increasingly integrated patent estate around etching, storage and gas analysis; and SK Specialty disclosed dedicated FNO etch technology in 2025. The ownership structure of the Korean platform changed materially on March 31, 2025, when Hahn & Company completed the acquisition of an 85% interest in SK Specialty from SK Inc, while SK retained 15%; the transaction valued the company at approximately KRW4.172 trillion, with roughly KRW2.7 trillion attributed to the shares sold. Although this was a platform-level specialty-gas transaction rather than an NOF-specific acquisition, it transferred control of an FNO technology participant to a private-equity owner. In China, Huate Gas published a dedicated NOF preparation patent in 2026, while India's Deepak Nitrite has developed a separate NOF/HF route focused on industrial fluorination chemistry.

+357 96 030922
info@marketpublishers.com

The next phase of market development will be determined by process insertion in advanced NAND, qualification of second sources and conversion of laboratory-scale or patent-stage chemistry into stable multi-region electronic-gas supply. Demand growth is likely to be concentrated in high-layer-count 3D NAND and other structures where high-aspect-ratio etching and SiN/SiO? selectivity become more demanding. Technology development will emphasize 4N–5N-plus purity, lower F?NO and moisture, premixed concentrations, lower on-site hazardous inventory and more robust cylinder passivation. Supply-chain competition should favor incumbent electronic-gas companies with integrated F?/NO sourcing, ultratrace analytics, customer-audit systems and local fab logistics, while Chinese localization creates an additional route for qualification-driven share gains. The principal constraints remain difficult handling, relatively long fab qualification cycles, a limited number of process steps, and continued competition from NF?, F?, other fluorinated etchants and in-situ NOF generation.

Report Scope

LP Information, Inc. (LPI) ' newest research report, the “Nitrosyl Fluoride Gas Industry Forecast” looks at past sales and reviews total world Nitrosyl Fluoride Gas sales in 2025, providing a comprehensive analysis by region and market sector of projected Nitrosyl Fluoride Gas sales for 2026 through 2032. With Nitrosyl Fluoride Gas sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Nitrosyl Fluoride Gas industry.

This Insight Report provides a comprehensive analysis of the global Nitrosyl Fluoride Gas 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 Nitrosyl Fluoride Gas portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Nitrosyl Fluoride Gas market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Nitrosyl Fluoride Gas and breaks down the forecast by Purity, 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 Nitrosyl Fluoride Gas.

+357 96 030922
info@marketpublishers.com

This report presents a comprehensive overview, market shares, and growth opportunities of Nitrosyl Fluoride Gas market by product type, application, key manufacturers and key regions and countries.

Market Segmentation

Segmentation by Purity:

?99%

?99.9%

Segmentation by Grade:

Industrial Grade

Electronic Grade

Segmentation by Application:

Semiconductor Etch

Fluoroaromatic Synthesis

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

+357 96 030922
info@marketpublishers.com

- Brazil

APAC

- China
- Japan
- Korea
- Southeast Asia
- India
- Australia

Europe

- Germany
- France
- UK
- Italy
- Russia

Middle East & Africa

- Egypt
- South Africa
- Israel
- Turkey

+357 96 030922
info@marketpublishers.com

GCC Countries

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

Air Liquide

Resonac

Guangdong Huate Gas

Key Questions Addressed in this Report

What is the 10-year outlook for the global Nitrosyl Fluoride Gas market?

What factors are driving Nitrosyl Fluoride Gas market growth, globally and by region?

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

How do Nitrosyl Fluoride Gas market opportunities vary by end market size?

How does Nitrosyl Fluoride Gas break out by Purity, by Application?

+357 96 030922
info@marketpublishers.com

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 Nitrosyl Fluoride Gas Annual Sales 2021-2032
  2.1.2 World Current & Future Analysis for Nitrosyl Fluoride Gas by Geographic Region, 2021, 2025 & 2032
  2.1.3 World Current & Future Analysis for Nitrosyl Fluoride Gas by Country/Region, 2021, 2025 & 2032
2.2 Nitrosyl Fluoride Gas Segment by Purity
  2.2.1 ?99%
  2.2.2 ?99.9%
  2.2.3 Nitrosyl Fluoride Gas Sales by Purity
    2.2.3.1 Global Nitrosyl Fluoride Gas Sales Market Share by Purity (2021-2026)
    2.2.3.2 Global Nitrosyl Fluoride Gas Revenue and Market Share by Purity (2021-2026)
    2.2.3.3 Global Nitrosyl Fluoride Gas Sale Price by Purity (2021-2026)
2.3 Nitrosyl Fluoride Gas Segment by Grade
  2.3.1 Industrial Grade
  2.3.2 Electronic Grade
  2.3.3 Nitrosyl Fluoride Gas Sales by Grade
    2.3.3.1 Global Nitrosyl Fluoride Gas Sales Market Share by Grade (2021-2026)
    2.3.3.2 Global Nitrosyl Fluoride Gas Revenue and Market Share by Grade (2021-2026)
    2.3.3.3 Global Nitrosyl Fluoride Gas Sale Price by Grade (2021-2026)
2.4 Nitrosyl Fluoride Gas Segment by Application
  2.4.1 Semiconductor Etch

+357 96 030922
info@marketpublishers.com

2.4.2 Fluoroaromatic Synthesis
2.4.3 Others
2.4.4 Nitrosyl Fluoride Gas Sales by Application
2.4.4.1 Global Nitrosyl Fluoride Gas Sale Market Share by Application (2021-2026)
2.4.4.2 Global Nitrosyl Fluoride Gas Revenue and Market Share by Application (2021-2026)
2.4.4.3 Global Nitrosyl Fluoride Gas Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Nitrosyl Fluoride Gas Breakdown Data by Company
3.1.1 Global Nitrosyl Fluoride Gas Annual Sales by Company (2021-2026)
3.1.2 Global Nitrosyl Fluoride Gas Sales Market Share by Company (2021-2026)
3.2 Global Nitrosyl Fluoride Gas Annual Revenue by Company (2021-2026)
3.2.1 Global Nitrosyl Fluoride Gas Revenue by Company (2021-2026)
3.2.2 Global Nitrosyl Fluoride Gas Revenue Market Share by Company (2021-2026)
3.3 Global Nitrosyl Fluoride Gas Sale Price by Company
3.4 Key Manufacturers Nitrosyl Fluoride Gas Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Nitrosyl Fluoride Gas Product Location Distribution
3.4.2 Players Nitrosyl Fluoride Gas Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR NITROSYL FLUORIDE GAS BY GEOGRAPHIC REGION

4.1 World Historic Nitrosyl Fluoride Gas Market Size by Geographic Region (2021-2026)
4.1.1 Global Nitrosyl Fluoride Gas Annual Sales by Geographic Region (2021-2026)
4.1.2 Global Nitrosyl Fluoride Gas Annual Revenue by Geographic Region (2021-2026)
4.2 World Historic Nitrosyl Fluoride Gas Market Size by Country/Region (2021-2026)
4.2.1 Global Nitrosyl Fluoride Gas Annual Sales by Country/Region (2021-2026)
4.2.2 Global Nitrosyl Fluoride Gas Annual Revenue by Country/Region (2021-2026)
4.3 Americas Nitrosyl Fluoride Gas Sales Growth

+357 96 030922
info@marketpublishers.com

4.4 APAC Nitrosyl Fluoride Gas Sales Growth
4.5 Europe Nitrosyl Fluoride Gas Sales Growth
4.6 Middle East & Africa Nitrosyl Fluoride Gas Sales Growth

5 AMERICAS

5.1 Americas Nitrosyl Fluoride Gas Sales by Country
  5.1.1 Americas Nitrosyl Fluoride Gas Sales by Country (2021-2026)
  5.1.2 Americas Nitrosyl Fluoride Gas Revenue by Country (2021-2026)
5.2 Americas Nitrosyl Fluoride Gas Sales by Purity (2021-2026)
5.3 Americas Nitrosyl Fluoride Gas Sales by Application (2021-2026)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Nitrosyl Fluoride Gas Sales by Region
  6.1.1 APAC Nitrosyl Fluoride Gas Sales by Region (2021-2026)
  6.1.2 APAC Nitrosyl Fluoride Gas Revenue by Region (2021-2026)
6.2 APAC Nitrosyl Fluoride Gas Sales by Purity (2021-2026)
6.3 APAC Nitrosyl Fluoride Gas Sales by Application (2021-2026)
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 Nitrosyl Fluoride Gas by Country
  7.1.1 Europe Nitrosyl Fluoride Gas Sales by Country (2021-2026)
  7.1.2 Europe Nitrosyl Fluoride Gas Revenue by Country (2021-2026)
7.2 Europe Nitrosyl Fluoride Gas Sales by Purity (2021-2026)
7.3 Europe Nitrosyl Fluoride Gas Sales by Application (2021-2026)
7.4 Germany

+357 96 030922
info@marketpublishers.com

7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Nitrosyl Fluoride Gas by Country
  8.1.1 Middle East & Africa Nitrosyl Fluoride Gas Sales by Country (2021-2026)
  8.1.2 Middle East & Africa Nitrosyl Fluoride Gas Revenue by Country (2021-2026)
8.2 Middle East & Africa Nitrosyl Fluoride Gas Sales by Purity (2021-2026)
8.3 Middle East & Africa Nitrosyl Fluoride Gas Sales by Application (2021-2026)
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 Nitrosyl Fluoride Gas
10.3 Manufacturing Process Analysis of Nitrosyl Fluoride Gas
10.4 Industry Chain Structure of Nitrosyl Fluoride Gas

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Nitrosyl Fluoride Gas Distributors
11.3 Nitrosyl Fluoride Gas Customer

+357 96 030922
info@marketpublishers.com

12 WORLD FORECAST REVIEW FOR NITROSYL FLUORIDE GAS BY GEOGRAPHIC REGION

12.1 Global Nitrosyl Fluoride Gas Market Size Forecast by Region
  12.1.1 Global Nitrosyl Fluoride Gas Forecast by Region (2027-2032)
  12.1.2 Global Nitrosyl Fluoride Gas Annual Revenue Forecast by Region (2027-2032)
12.2 Americas Forecast by Country (2027-2032)
12.3 APAC Forecast by Region (2027-2032)
12.4 Europe Forecast by Country (2027-2032)
12.5 Middle East & Africa Forecast by Country (2027-2032)
12.6 Global Nitrosyl Fluoride Gas Forecast by Purity (2027-2032)
12.7 Global Nitrosyl Fluoride Gas Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Air Liquide
  13.1.1 Air Liquide Company Information
  13.1.2 Air Liquide Nitrosyl Fluoride Gas Product Portfolios and Specifications
  13.1.3 Air Liquide Nitrosyl Fluoride Gas Sales, Revenue, Price and Gross Margin (2021-2026)
  13.1.4 Air Liquide Main Business Overview
  13.1.5 Air Liquide Latest Developments
13.2 Resonac
  13.2.1 Resonac Company Information
  13.2.2 Resonac Nitrosyl Fluoride Gas Product Portfolios and Specifications
  13.2.3 Resonac Nitrosyl Fluoride Gas Sales, Revenue, Price and Gross Margin (2021-2026)
  13.2.4 Resonac Main Business Overview
  13.2.5 Resonac Latest Developments
13.3 Guangdong Huate Gas
  13.3.1 Guangdong Huate Gas Company Information
  13.3.2 Guangdong Huate Gas Nitrosyl Fluoride Gas Product Portfolios and Specifications
  13.3.3 Guangdong Huate Gas Nitrosyl Fluoride Gas Sales, Revenue, Price and Gross Margin (2021-2026)
  13.3.4 Guangdong Huate Gas Main Business Overview
  13.3.5 Guangdong Huate Gas Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Nitrosyl Fluoride Gas Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & ($ millions)
Table 2. Nitrosyl Fluoride Gas Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & ($ millions)
Table 3. Major Players of ?99%
Table 4. Major Players of ?99.9%
Table 5. Global Nitrosyl Fluoride Gas Sales by Purity (2021-2026) & (Tons)
Table 6. Global Nitrosyl Fluoride Gas Sales Market Share by Purity (2021-2026)
Table 7. Global Nitrosyl Fluoride Gas Revenue by Purity (2021-2026) & ($ million)
Table 8. Global Nitrosyl Fluoride Gas Revenue Market Share by Purity (2021-2026)
Table 9. Global Nitrosyl Fluoride Gas Sale Price by Purity (2021-2026) & (US$/kg)
Table 10. Major Players of Industrial Grade
Table 11. Major Players of Electronic Grade
Table 12. Global Nitrosyl Fluoride Gas Sales by Grade (2021-2026) & (Tons)
Table 13. Global Nitrosyl Fluoride Gas Sales Market Share by Grade (2021-2026)
Table 14. Global Nitrosyl Fluoride Gas Revenue by Grade (2021-2026) & ($ million)
Table 15. Global Nitrosyl Fluoride Gas Revenue Market Share by Grade (2021-2026)
Table 16. Global Nitrosyl Fluoride Gas Sale Price by Grade (2021-2026) & (US$/kg)
Table 17. Global Nitrosyl Fluoride Gas Sale by Application (2021-2026) & (Tons)
Table 18. Global Nitrosyl Fluoride Gas Sale Market Share by Application (2021-2026)
Table 19. Global Nitrosyl Fluoride Gas Revenue by Application (2021-2026) & ($ million)
Table 20. Global Nitrosyl Fluoride Gas Revenue Market Share by Application (2021-2026)
Table 21. Global Nitrosyl Fluoride Gas Sale Price by Application (2021-2026) & (US$/kg)
Table 22. Global Nitrosyl Fluoride Gas Sales by Company (2021-2026) & (Tons)
Table 23. Global Nitrosyl Fluoride Gas Sales Market Share by Company (2021-2026)
Table 24. Global Nitrosyl Fluoride Gas Revenue by Company (2021-2026) & ($ millions)
Table 25. Global Nitrosyl Fluoride Gas Revenue Market Share by Company (2021-2026)
Table 26. Global Nitrosyl Fluoride Gas Sale Price by Company (2021-2026) & (US$/kg)
Table 27. Key Manufacturers Nitrosyl Fluoride Gas Producing Area Distribution and Sales Area
Table 28. Players Nitrosyl Fluoride Gas Products Offered

+357 96 030922
info@marketpublishers.com

Table 29. Nitrosyl Fluoride Gas Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 30. New Products and Potential Entrants
Table 31. Market M&A Activity & Strategy
Table 32. Global Nitrosyl Fluoride Gas Sales by Geographic Region (2021-2026) & (Tons)
Table 33. Global Nitrosyl Fluoride Gas Sales Market Share Geographic Region (2021-2026)
Table 34. Global Nitrosyl Fluoride Gas Revenue by Geographic Region (2021-2026) & ($ millions)
Table 35. Global Nitrosyl Fluoride Gas Revenue Market Share by Geographic Region (2021-2026)
Table 36. Global Nitrosyl Fluoride Gas Sales by Country/Region (2021-2026) & (Tons)
Table 37. Global Nitrosyl Fluoride Gas Sales Market Share by Country/Region (2021-2026)
Table 38. Global Nitrosyl Fluoride Gas Revenue by Country/Region (2021-2026) & ($ millions)
Table 39. Global Nitrosyl Fluoride Gas Revenue Market Share by Country/Region (2021-2026)
Table 40. Americas Nitrosyl Fluoride Gas Sales by Country (2021-2026) & (Tons)
Table 41. Americas Nitrosyl Fluoride Gas Sales Market Share by Country (2021-2026)
Table 42. Americas Nitrosyl Fluoride Gas Revenue by Country (2021-2026) & ($ millions)
Table 43. Americas Nitrosyl Fluoride Gas Sales by Purity (2021-2026) & (Tons)
Table 44. Americas Nitrosyl Fluoride Gas Sales by Application (2021-2026) & (Tons)
Table 45. APAC Nitrosyl Fluoride Gas Sales by Region (2021-2026) & (Tons)
Table 46. APAC Nitrosyl Fluoride Gas Sales Market Share by Region (2021-2026)
Table 47. APAC Nitrosyl Fluoride Gas Revenue by Region (2021-2026) & ($ millions)
Table 48. APAC Nitrosyl Fluoride Gas Sales by Purity (2021-2026) & (Tons)
Table 49. APAC Nitrosyl Fluoride Gas Sales by Application (2021-2026) & (Tons)
Table 50. Europe Nitrosyl Fluoride Gas Sales by Country (2021-2026) & (Tons)
Table 51. Europe Nitrosyl Fluoride Gas Revenue by Country (2021-2026) & ($ millions)
Table 52. Europe Nitrosyl Fluoride Gas Sales by Purity (2021-2026) & (Tons)
Table 53. Europe Nitrosyl Fluoride Gas Sales by Application (2021-2026) & (Tons)
Table 54. Middle East & Africa Nitrosyl Fluoride Gas Sales by Country (2021-2026) & (Tons)
Table 55. Middle East & Africa Nitrosyl Fluoride Gas Revenue Market Share by Country (2021-2026)
Table 56. Middle East & Africa Nitrosyl Fluoride Gas Sales by Purity (2021-2026) &

+357 96 030922
info@marketpublishers.com

(Tons)
Table 57. Middle East & Africa Nitrosyl Fluoride Gas Sales by Application (2021-2026) & (Tons)
Table 58. Key Market Drivers & Growth Opportunities of Nitrosyl Fluoride Gas
Table 59. Key Market Challenges & Risks of Nitrosyl Fluoride Gas
Table 60. Key Industry Trends of Nitrosyl Fluoride Gas
Table 61. Nitrosyl Fluoride Gas Raw Material
Table 62. Key Suppliers of Raw Materials
Table 63. Nitrosyl Fluoride Gas Distributors List
Table 64. Nitrosyl Fluoride Gas Customer List
Table 65. Global Nitrosyl Fluoride Gas Sales Forecast by Region (2027-2032) & (Tons)
Table 66. Global Nitrosyl Fluoride Gas Revenue Forecast by Region (2027-2032) & ($ millions)
Table 67. Americas Nitrosyl Fluoride Gas Sales Forecast by Country (2027-2032) & (Tons)
Table 68. Americas Nitrosyl Fluoride Gas Annual Revenue Forecast by Country (2027-2032) & ($ millions)
Table 69. APAC Nitrosyl Fluoride Gas Sales Forecast by Region (2027-2032) & (Tons)
Table 70. APAC Nitrosyl Fluoride Gas Annual Revenue Forecast by Region (2027-2032) & ($ millions)
Table 71. Europe Nitrosyl Fluoride Gas Sales Forecast by Country (2027-2032) & (Tons)
Table 72. Europe Nitrosyl Fluoride Gas Revenue Forecast by Country (2027-2032) & ($ millions)
Table 73. Middle East & Africa Nitrosyl Fluoride Gas Sales Forecast by Country (2027-2032) & (Tons)
Table 74. Middle East & Africa Nitrosyl Fluoride Gas Revenue Forecast by Country (2027-2032) & ($ millions)
Table 75. Global Nitrosyl Fluoride Gas Sales Forecast by Purity (2027-2032) & (Tons)
Table 76. Global Nitrosyl Fluoride Gas Revenue Forecast by Purity (2027-2032) & ($ millions)
Table 77. Global Nitrosyl Fluoride Gas Sales Forecast by Application (2027-2032) & (Tons)
Table 78. Global Nitrosyl Fluoride Gas Revenue Forecast by Application (2027-2032) & ($ millions)
Table 79. Air Liquide Basic Information, Nitrosyl Fluoride Gas Manufacturing Base, Sales Area and Its Competitors
Table 80. Air Liquide Nitrosyl Fluoride Gas Product Portfolios and Specifications
Table 81. Air Liquide Nitrosyl Fluoride Gas Sales (Tons), Revenue ($ Million), Price

+357 96 030922
info@marketpublishers.com

(US$/kg) and Gross Margin (2021-2026)
Table 82. Air Liquide Main Business
Table 83. Air Liquide Latest Developments
Table 84. Resonac Basic Information, Nitrosyl Fluoride Gas Manufacturing Base, Sales Area and Its Competitors
Table 85. Resonac Nitrosyl Fluoride Gas Product Portfolios and Specifications
Table 86. Resonac Nitrosyl Fluoride Gas Sales (Tons), Revenue ($ Million), Price (US$/kg) and Gross Margin (2021-2026)
Table 87. Resonac Main Business
Table 88. Resonac Latest Developments
Table 89. Guangdong Huate Gas Basic Information, Nitrosyl Fluoride Gas Manufacturing Base, Sales Area and Its Competitors
Table 90. Guangdong Huate Gas Nitrosyl Fluoride Gas Product Portfolios and Specifications
Table 91. Guangdong Huate Gas Nitrosyl Fluoride Gas Sales (Tons), Revenue ($ Million), Price (US$/kg) and Gross Margin (2021-2026)
Table 92. Guangdong Huate Gas Main Business
Table 93. Guangdong Huate Gas Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Nitrosyl Fluoride Gas
Figure 2. Nitrosyl Fluoride Gas Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Nitrosyl Fluoride Gas Sales Growth Rate 2021-2032 (Tons)
Figure 7. Global Nitrosyl Fluoride Gas Revenue Growth Rate 2021-2032 ($ millions)
Figure 8. Nitrosyl Fluoride Gas Sales by Geographic Region (2021, 2025 & 2032) & ($ millions)
Figure 9. Nitrosyl Fluoride Gas Sales Market Share by Country/Region (2025)
Figure 10. Nitrosyl Fluoride Gas Sales Market Share by Country/Region (2021, 2025 & 2032)
Figure 11. Product Picture of ?99%
Figure 12. Product Picture of ?99.9%
Figure 13. Global Nitrosyl Fluoride Gas Sales Market Share by Purity in 2026
Figure 14. Global Nitrosyl Fluoride Gas Revenue Market Share by Purity (2021-2026)
Figure 15. Product Picture of Industrial Grade
Figure 16. Product Picture of Electronic Grade
Figure 17. Global Nitrosyl Fluoride Gas Sales Market Share by Grade in 2026
Figure 18. Global Nitrosyl Fluoride Gas Revenue Market Share by Grade (2021-2026)
Figure 19. Nitrosyl Fluoride Gas Consumed in Semiconductor Etch
Figure 20. Global Nitrosyl Fluoride Gas Market: Semiconductor Etch (2021-2026) & (Tons)
Figure 21. Nitrosyl Fluoride Gas Consumed in Fluoroaromatic Synthesis
Figure 22. Global Nitrosyl Fluoride Gas Market: Fluoroaromatic Synthesis (2021-2026) & (Tons)
Figure 23. Nitrosyl Fluoride Gas Consumed in Others
Figure 24. Global Nitrosyl Fluoride Gas Market: Others (2021-2026) & (Tons)
Figure 25. Global Nitrosyl Fluoride Gas Sale Market Share by Application (2025)
Figure 26. Global Nitrosyl Fluoride Gas Revenue Market Share by Application in 2025
Figure 27. Nitrosyl Fluoride Gas Sales by Company in 2025 (Tons)
Figure 28. Global Nitrosyl Fluoride Gas Sales Market Share by Company in 2025
Figure 29. Nitrosyl Fluoride Gas Revenue by Company in 2025 ($ millions)
Figure 30. Global Nitrosyl Fluoride Gas Revenue Market Share by Company in 2025
Figure 31. Global Nitrosyl Fluoride Gas Sales Market Share by Geographic Region

+357 96 030922
info@marketpublishers.com

(2021-2026)
Figure 32. Global Nitrosyl Fluoride Gas Revenue Market Share by Geographic Region in 2025
Figure 33. Americas Nitrosyl Fluoride Gas Sales 2021-2026 (Tons)
Figure 34. Americas Nitrosyl Fluoride Gas Revenue 2021-2026 ($ millions)
Figure 35. APAC Nitrosyl Fluoride Gas Sales 2021-2026 (Tons)
Figure 36. APAC Nitrosyl Fluoride Gas Revenue 2021-2026 ($ millions)
Figure 37. Europe Nitrosyl Fluoride Gas Sales 2021-2026 (Tons)
Figure 38. Europe Nitrosyl Fluoride Gas Revenue 2021-2026 ($ millions)
Figure 39. Middle East & Africa Nitrosyl Fluoride Gas Sales 2021-2026 (Tons)
Figure 40. Middle East & Africa Nitrosyl Fluoride Gas Revenue 2021-2026 ($ millions)
Figure 41. Americas Nitrosyl Fluoride Gas Sales Market Share by Country in 2025
Figure 42. Americas Nitrosyl Fluoride Gas Revenue Market Share by Country (2021-2026)
Figure 43. Americas Nitrosyl Fluoride Gas Sales Market Share by Purity (2021-2026)
Figure 44. Americas Nitrosyl Fluoride Gas Sales Market Share by Application (2021-2026)
Figure 45. United States Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 46. Canada Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 47. Mexico Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 48. Brazil Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 49. APAC Nitrosyl Fluoride Gas Sales Market Share by Region in 2025
Figure 50. APAC Nitrosyl Fluoride Gas Revenue Market Share by Region (2021-2026)
Figure 51. APAC Nitrosyl Fluoride Gas Sales Market Share by Purity (2021-2026)
Figure 52. APAC Nitrosyl Fluoride Gas Sales Market Share by Application (2021-2026)
Figure 53. China Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 54. Japan Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 55. South Korea Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 56. Southeast Asia Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 57. India Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 58. Australia Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 59. China Taiwan Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 60. Europe Nitrosyl Fluoride Gas Sales Market Share by Country in 2025
Figure 61. Europe Nitrosyl Fluoride Gas Revenue Market Share by Country (2021-2026)
Figure 62. Europe Nitrosyl Fluoride Gas Sales Market Share by Purity (2021-2026)
Figure 63. Europe Nitrosyl Fluoride Gas Sales Market Share by Application (2021-2026)
Figure 64. Germany Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)

+357 96 030922
info@marketpublishers.com

Figure 65. France Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 66. UK Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 67. Italy Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 68. Russia Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 69. Middle East & Africa Nitrosyl Fluoride Gas Sales Market Share by Country (2021-2026)
Figure 70. Middle East & Africa Nitrosyl Fluoride Gas Sales Market Share by Purity (2021-2026)
Figure 71. Middle East & Africa Nitrosyl Fluoride Gas Sales Market Share by Application (2021-2026)
Figure 72. Egypt Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 73. South Africa Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 74. Israel Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 75. Turkey Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 76. GCC Countries Nitrosyl Fluoride Gas Revenue Growth 2021-2026 ($ millions)
Figure 77. Manufacturing Cost Structure Analysis of Nitrosyl Fluoride Gas in 2026
Figure 78. Manufacturing Process Analysis of Nitrosyl Fluoride Gas
Figure 79. Industry Chain Structure of Nitrosyl Fluoride Gas
Figure 80. Channels of Distribution
Figure 81. Global Nitrosyl Fluoride Gas Sales Market Forecast by Region (2027-2032)
Figure 82. Global Nitrosyl Fluoride Gas Revenue Market Share Forecast by Region (2027-2032)
Figure 83. Global Nitrosyl Fluoride Gas Sales Market Share Forecast by Purity (2027-2032)
Figure 84. Global Nitrosyl Fluoride Gas Revenue Market Share Forecast by Purity (2027-2032)
Figure 85. Global Nitrosyl Fluoride Gas Sales Market Share Forecast by Application (2027-2032)
Figure 86. Global Nitrosyl Fluoride Gas Revenue Market Share Forecast by Application (2027-2032)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Nitrosyl Fluoride Gas Market Growth 2026-2032

Product link: https://marketpublishers.com/r/GF28E1131057EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GF28E1131057EN.html