

# Global Semiconductor Specialty Gases Market Growth 2023-2029

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## Abstracts

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The global Semiconductor Specialty Gases 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.

Asia-Pacific is the largest consumption region due to the large downstream Semiconductor industry demand

Specialty Gases for Semiconductor range from the pyrophoric and/or toxic specialty gases required for thin film deposition and doping processes (ammonia, methane, silane, germane, dichlorosilane, silicon tetrachloride, phosphine, diborane, arsine and others) through the reactive and corrosive gases needed in different etch processes (chlorine, fluorine, halocarbons, nitrogen trifluoride, etc.). The atmospheric gases (oxygen, hydrogen, nitrogen, argon and helium) are not covers in this report.

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

This Insight Report provides a comprehensive analysis of the global Semiconductor Specialty Gases 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 Semiconductor Specialty Gases portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Semiconductor Specialty Gases market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Semiconductor Specialty Gases 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 Semiconductor Specialty Gases.

This report presents a comprehensive overview, market shares, and growth opportunities of Semiconductor Specialty Gases market by product type, application, key manufacturers and key regions and countries.

## Market Segmentation:

### Segmentation by type

Nitrogen Trifluoride

Silicon-Precursor Gases

Fluoroalkane

Ammonia

Others

### Segmentation by application

Consumer Electronics

Automotive Electronics

Networking & Communications

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.

SK Materials (SK specialty)

Merck (Versum Materials)

Taiyo Nippon Sanso

Linde plc

Kanto Denka Kogyo

Hyosung

PERIC

Showa Denko

Mitsui Chemical

ChemChina

Shandong FeiYuan

Guangdong Huate Gas

Central Glass

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Semiconductor Specialty Gases market?

What factors are driving Semiconductor Specialty Gases market growth, globally and by region?

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

How do Semiconductor Specialty Gases market opportunities vary by end market size?

How does Semiconductor Specialty Gases 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 Semiconductor Specialty Gases Annual Sales 2018-2029
  - 2.1.2 World Current & Future Analysis for Semiconductor Specialty Gases by Geographic Region, 2018, 2022 & 2029
  - 2.1.3 World Current & Future Analysis for Semiconductor Specialty Gases by Country/Region, 2018, 2022 & 2029
- 2.2 Semiconductor Specialty Gases Segment by Type
  - 2.2.1 Nitrogen Trifluoride
  - 2.2.2 Silicon-Precursor Gases
  - 2.2.3 Fluoroalkane
  - 2.2.4 Ammonia
  - 2.2.5 Others
- 2.3 Semiconductor Specialty Gases Sales by Type
  - 2.3.1 Global Semiconductor Specialty Gases Sales Market Share by Type (2018-2023)
  - 2.3.2 Global Semiconductor Specialty Gases Revenue and Market Share by Type (2018-2023)
  - 2.3.3 Global Semiconductor Specialty Gases Sale Price by Type (2018-2023)
- 2.4 Semiconductor Specialty Gases Segment by Application
  - 2.4.1 Consumer Electronics
  - 2.4.2 Automotive Electronics
  - 2.4.3 Networking & Communications
  - 2.4.4 Others
- 2.5 Semiconductor Specialty Gases Sales by Application

2.5.1 Global Semiconductor Specialty Gases Sale Market Share by Application (2018-2023)

2.5.2 Global Semiconductor Specialty Gases Revenue and Market Share by Application (2018-2023)

2.5.3 Global Semiconductor Specialty Gases Sale Price by Application (2018-2023)

### **3 GLOBAL SEMICONDUCTOR SPECIALTY GASES BY COMPANY**

3.1 Global Semiconductor Specialty Gases Breakdown Data by Company

3.1.1 Global Semiconductor Specialty Gases Annual Sales by Company (2018-2023)

3.1.2 Global Semiconductor Specialty Gases Sales Market Share by Company (2018-2023)

3.2 Global Semiconductor Specialty Gases Annual Revenue by Company (2018-2023)

3.2.1 Global Semiconductor Specialty Gases Revenue by Company (2018-2023)

3.2.2 Global Semiconductor Specialty Gases Revenue Market Share by Company (2018-2023)

3.3 Global Semiconductor Specialty Gases Sale Price by Company

3.4 Key Manufacturers Semiconductor Specialty Gases Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Semiconductor Specialty Gases Product Location Distribution

3.4.2 Players Semiconductor Specialty Gases 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 SEMICONDUCTOR SPECIALTY GASES BY GEOGRAPHIC REGION**

4.1 World Historic Semiconductor Specialty Gases Market Size by Geographic Region (2018-2023)

4.1.1 Global Semiconductor Specialty Gases Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Semiconductor Specialty Gases Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Semiconductor Specialty Gases Market Size by Country/Region (2018-2023)

4.2.1 Global Semiconductor Specialty Gases Annual Sales by Country/Region

(2018-2023)

4.2.2 Global Semiconductor Specialty Gases Annual Revenue by Country/Region

(2018-2023)

4.3 Americas Semiconductor Specialty Gases Sales Growth

4.4 APAC Semiconductor Specialty Gases Sales Growth

4.5 Europe Semiconductor Specialty Gases Sales Growth

4.6 Middle East & Africa Semiconductor Specialty Gases Sales Growth

## **5 AMERICAS**

5.1 Americas Semiconductor Specialty Gases Sales by Country

5.1.1 Americas Semiconductor Specialty Gases Sales by Country (2018-2023)

5.1.2 Americas Semiconductor Specialty Gases Revenue by Country (2018-2023)

5.2 Americas Semiconductor Specialty Gases Sales by Type

5.3 Americas Semiconductor Specialty Gases Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Semiconductor Specialty Gases Sales by Region

6.1.1 APAC Semiconductor Specialty Gases Sales by Region (2018-2023)

6.1.2 APAC Semiconductor Specialty Gases Revenue by Region (2018-2023)

6.2 APAC Semiconductor Specialty Gases Sales by Type

6.3 APAC Semiconductor Specialty Gases 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 Semiconductor Specialty Gases by Country

7.1.1 Europe Semiconductor Specialty Gases Sales by Country (2018-2023)



- 7.1.2 Europe Semiconductor Specialty Gases Revenue by Country (2018-2023)
- 7.2 Europe Semiconductor Specialty Gases Sales by Type
- 7.3 Europe Semiconductor Specialty Gases 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 Semiconductor Specialty Gases by Country
  - 8.1.1 Middle East & Africa Semiconductor Specialty Gases Sales by Country (2018-2023)
  - 8.1.2 Middle East & Africa Semiconductor Specialty Gases Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Semiconductor Specialty Gases Sales by Type
- 8.3 Middle East & Africa Semiconductor Specialty Gases 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 Semiconductor Specialty Gases
- 10.3 Manufacturing Process Analysis of Semiconductor Specialty Gases
- 10.4 Industry Chain Structure of Semiconductor Specialty Gases

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

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Semiconductor Specialty Gases Distributors
- 11.3 Semiconductor Specialty Gases Customer

## **12 WORLD FORECAST REVIEW FOR SEMICONDUCTOR SPECIALTY GASES BY GEOGRAPHIC REGION**

- 12.1 Global Semiconductor Specialty Gases Market Size Forecast by Region
  - 12.1.1 Global Semiconductor Specialty Gases Forecast by Region (2024-2029)
  - 12.1.2 Global Semiconductor Specialty Gases 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 Semiconductor Specialty Gases Forecast by Type
- 12.7 Global Semiconductor Specialty Gases Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

- 13.1 SK Materials (SK specialty)
  - 13.1.1 SK Materials (SK specialty) Company Information
  - 13.1.2 SK Materials (SK specialty) Semiconductor Specialty Gases Product Portfolios and Specifications
  - 13.1.3 SK Materials (SK specialty) Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.1.4 SK Materials (SK specialty) Main Business Overview
  - 13.1.5 SK Materials (SK specialty) Latest Developments
- 13.2 Merck (Versum Materials)
  - 13.2.1 Merck (Versum Materials) Company Information
  - 13.2.2 Merck (Versum Materials) Semiconductor Specialty Gases Product Portfolios and Specifications
  - 13.2.3 Merck (Versum Materials) Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.2.4 Merck (Versum Materials) Main Business Overview
  - 13.2.5 Merck (Versum Materials) Latest Developments
- 13.3 Taiyo Nippon Sanso

- 13.3.1 Taiyo Nippon Sanso Company Information
- 13.3.2 Taiyo Nippon Sanso Semiconductor Specialty Gases Product Portfolios and Specifications
- 13.3.3 Taiyo Nippon Sanso Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.3.4 Taiyo Nippon Sanso Main Business Overview
- 13.3.5 Taiyo Nippon Sanso Latest Developments
- 13.4 Linde plc
  - 13.4.1 Linde plc Company Information
  - 13.4.2 Linde plc Semiconductor Specialty Gases Product Portfolios and Specifications
  - 13.4.3 Linde plc Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.4.4 Linde plc Main Business Overview
  - 13.4.5 Linde plc Latest Developments
- 13.5 Kanto Denka Kogyo
  - 13.5.1 Kanto Denka Kogyo Company Information
  - 13.5.2 Kanto Denka Kogyo Semiconductor Specialty Gases Product Portfolios and Specifications
  - 13.5.3 Kanto Denka Kogyo Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.5.4 Kanto Denka Kogyo Main Business Overview
  - 13.5.5 Kanto Denka Kogyo Latest Developments
- 13.6 Hyosung
  - 13.6.1 Hyosung Company Information
  - 13.6.2 Hyosung Semiconductor Specialty Gases Product Portfolios and Specifications
  - 13.6.3 Hyosung Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.6.4 Hyosung Main Business Overview
  - 13.6.5 Hyosung Latest Developments
- 13.7 PERIC
  - 13.7.1 PERIC Company Information
  - 13.7.2 PERIC Semiconductor Specialty Gases Product Portfolios and Specifications
  - 13.7.3 PERIC Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.7.4 PERIC Main Business Overview
  - 13.7.5 PERIC Latest Developments
- 13.8 Showa Denko
  - 13.8.1 Showa Denko Company Information
  - 13.8.2 Showa Denko Semiconductor Specialty Gases Product Portfolios and

## Specifications

13.8.3 Showa Denko Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)

13.8.4 Showa Denko Main Business Overview

13.8.5 Showa Denko Latest Developments

## 13.9 Mitsui Chemical

13.9.1 Mitsui Chemical Company Information

13.9.2 Mitsui Chemical Semiconductor Specialty Gases Product Portfolios and Specifications

13.9.3 Mitsui Chemical Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)

13.9.4 Mitsui Chemical Main Business Overview

13.9.5 Mitsui Chemical Latest Developments

## 13.10 ChemChina

13.10.1 ChemChina Company Information

13.10.2 ChemChina Semiconductor Specialty Gases Product Portfolios and Specifications

13.10.3 ChemChina Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)

13.10.4 ChemChina Main Business Overview

13.10.5 ChemChina Latest Developments

## 13.11 Shandong FeiYuan

13.11.1 Shandong FeiYuan Company Information

13.11.2 Shandong FeiYuan Semiconductor Specialty Gases Product Portfolios and Specifications

13.11.3 Shandong FeiYuan Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)

13.11.4 Shandong FeiYuan Main Business Overview

13.11.5 Shandong FeiYuan Latest Developments

## 13.12 Guangdong Huate Gas

13.12.1 Guangdong Huate Gas Company Information

13.12.2 Guangdong Huate Gas Semiconductor Specialty Gases Product Portfolios and Specifications

13.12.3 Guangdong Huate Gas Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)

13.12.4 Guangdong Huate Gas Main Business Overview

13.12.5 Guangdong Huate Gas Latest Developments

## 13.13 Central Glass

13.13.1 Central Glass Company Information

13.13.2 Central Glass Semiconductor Specialty Gases Product Portfolios and Specifications

13.13.3 Central Glass Semiconductor Specialty Gases Sales, Revenue, Price and Gross Margin (2018-2023)

13.13.4 Central Glass Main Business Overview

13.13.5 Central Glass Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Semiconductor Specialty Gases Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Semiconductor Specialty Gases Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Nitrogen Trifluoride

Table 4. Major Players of Silicon-Precursor Gases

Table 5. Major Players of Fluoroalkane

Table 6. Major Players of Ammonia

Table 7. Major Players of Others

Table 8. Global Semiconductor Specialty Gases Sales by Type (2018-2023) & (Tons)

Table 9. Global Semiconductor Specialty Gases Sales Market Share by Type (2018-2023)

Table 10. Global Semiconductor Specialty Gases Revenue by Type (2018-2023) & (\$ million)

Table 11. Global Semiconductor Specialty Gases Revenue Market Share by Type (2018-2023)

Table 12. Global Semiconductor Specialty Gases Sale Price by Type (2018-2023) & (US\$/Ton)

Table 13. Global Semiconductor Specialty Gases Sales by Application (2018-2023) & (Tons)

Table 14. Global Semiconductor Specialty Gases Sales Market Share by Application (2018-2023)

Table 15. Global Semiconductor Specialty Gases Revenue by Application (2018-2023)

Table 16. Global Semiconductor Specialty Gases Revenue Market Share by Application (2018-2023)

Table 17. Global Semiconductor Specialty Gases Sale Price by Application (2018-2023) & (US\$/Ton)

Table 18. Global Semiconductor Specialty Gases Sales by Company (2018-2023) & (Tons)

Table 19. Global Semiconductor Specialty Gases Sales Market Share by Company (2018-2023)

Table 20. Global Semiconductor Specialty Gases Revenue by Company (2018-2023) (\$ Millions)

Table 21. Global Semiconductor Specialty Gases Revenue Market Share by Company (2018-2023)

Table 22. Global Semiconductor Specialty Gases Sale Price by Company (2018-2023) & (US\$/Ton)
Table 23. Key Manufacturers Semiconductor Specialty Gases Producing Area Distribution and Sales Area
Table 24. Players Semiconductor Specialty Gases Products Offered
Table 25. Semiconductor Specialty Gases Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
Table 26. New Products and Potential Entrants
Table 27. Mergers & Acquisitions, Expansion
Table 28. Global Semiconductor Specialty Gases Sales by Geographic Region (2018-2023) & (Tons)
Table 29. Global Semiconductor Specialty Gases Sales Market Share Geographic Region (2018-2023)
Table 30. Global Semiconductor Specialty Gases Revenue by Geographic Region (2018-2023) & (\$ millions)
Table 31. Global Semiconductor Specialty Gases Revenue Market Share by Geographic Region (2018-2023)
Table 32. Global Semiconductor Specialty Gases Sales by Country/Region (2018-2023) & (Tons)
Table 33. Global Semiconductor Specialty Gases Sales Market Share by Country/Region (2018-2023)
Table 34. Global Semiconductor Specialty Gases Revenue by Country/Region (2018-2023) & (\$ millions)
Table 35. Global Semiconductor Specialty Gases Revenue Market Share by Country/Region (2018-2023)
Table 36. Americas Semiconductor Specialty Gases Sales by Country (2018-2023) & (Tons)
Table 37. Americas Semiconductor Specialty Gases Sales Market Share by Country (2018-2023)
Table 38. Americas Semiconductor Specialty Gases Revenue by Country (2018-2023) & (\$ Millions)
Table 39. Americas Semiconductor Specialty Gases Revenue Market Share by Country (2018-2023)
Table 40. Americas Semiconductor Specialty Gases Sales by Type (2018-2023) & (Tons)
Table 41. Americas Semiconductor Specialty Gases Sales by Application (2018-2023) & (Tons)
Table 42. APAC Semiconductor Specialty Gases Sales by Region (2018-2023) & (Tons)



Table 43. APAC Semiconductor Specialty Gases Sales Market Share by Region (2018-2023)

Table 44. APAC Semiconductor Specialty Gases Revenue by Region (2018-2023) & (\$ Millions)

Table 45. APAC Semiconductor Specialty Gases Revenue Market Share by Region (2018-2023)

Table 46. APAC Semiconductor Specialty Gases Sales by Type (2018-2023) & (Tons)

Table 47. APAC Semiconductor Specialty Gases Sales by Application (2018-2023) & (Tons)

Table 48. Europe Semiconductor Specialty Gases Sales by Country (2018-2023) & (Tons)

Table 49. Europe Semiconductor Specialty Gases Sales Market Share by Country (2018-2023)

Table 50. Europe Semiconductor Specialty Gases Revenue by Country (2018-2023) & (\$ Millions)

Table 51. Europe Semiconductor Specialty Gases Revenue Market Share by Country (2018-2023)

Table 52. Europe Semiconductor Specialty Gases Sales by Type (2018-2023) & (Tons)

Table 53. Europe Semiconductor Specialty Gases Sales by Application (2018-2023) & (Tons)

Table 54. Middle East & Africa Semiconductor Specialty Gases Sales by Country (2018-2023) & (Tons)

Table 55. Middle East & Africa Semiconductor Specialty Gases Sales Market Share by Country (2018-2023)

Table 56. Middle East & Africa Semiconductor Specialty Gases Revenue by Country (2018-2023) & (\$ Millions)

Table 57. Middle East & Africa Semiconductor Specialty Gases Revenue Market Share by Country (2018-2023)

Table 58. Middle East & Africa Semiconductor Specialty Gases Sales by Type (2018-2023) & (Tons)

Table 59. Middle East & Africa Semiconductor Specialty Gases Sales by Application (2018-2023) & (Tons)

Table 60. Key Market Drivers & Growth Opportunities of Semiconductor Specialty Gases

Table 61. Key Market Challenges & Risks of Semiconductor Specialty Gases

Table 62. Key Industry Trends of Semiconductor Specialty Gases

Table 63. Semiconductor Specialty Gases Raw Material

Table 64. Key Suppliers of Raw Materials

Table 65. Semiconductor Specialty Gases Distributors List



Table 66. Semiconductor Specialty Gases Customer List

Table 67. Global Semiconductor Specialty Gases Sales Forecast by Region  
(2024-2029) & (Tons)

Table 68. Global Semiconductor Specialty Gases Revenue Forecast by Region  
(2024-2029) & (\$ millions)

Table 69. Americas Semiconductor Specialty Gases Sales Forecast by Country  
(2024-2029) & (Tons)

Table 70. Americas Semiconductor Specialty Gases Revenue Forecast by Country  
(2024-2029) & (\$ millions)

Table 71. APAC Semiconductor Specialty Gases Sales Forecast by Region  
(2024-2029) & (Tons)

Table 72. APAC Semiconductor Specialty Gases Revenue Forecast by Region  
(2024-2029) & (\$ millions)

Table 73. Europe Semiconductor Specialty Gases Sales Forecast by Country  
(2024-2029) & (Tons)

Table 74. Europe Semiconductor Specialty Gases Revenue Forecast by Country  
(2024-2029) & (\$ millions)

Table 75. Middle East & Africa Semiconductor Specialty Gases Sales Forecast by  
Country (2024-2029) & (Tons)

Table 76. Middle East & Africa Semiconductor Specialty Gases Revenue Forecast by  
Country (2024-2029) & (\$ millions)

Table 77. Global Semiconductor Specialty Gases Sales Forecast by Type (2024-2029)  
& (Tons)

Table 78. Global Semiconductor Specialty Gases Revenue Forecast by Type  
(2024-2029) & (\$ Millions)

Table 79. Global Semiconductor Specialty Gases Sales Forecast by Application  
(2024-2029) & (Tons)

Table 80. Global Semiconductor Specialty Gases Revenue Forecast by Application  
(2024-2029) & (\$ Millions)

Table 81. SK Materials (SK specialty) Basic Information, Semiconductor Specialty  
Gases Manufacturing Base, Sales Area and Its Competitors

Table 82. SK Materials (SK specialty) Semiconductor Specialty Gases Product  
Portfolios and Specifications

Table 83. SK Materials (SK specialty) Semiconductor Specialty Gases Sales (Tons),  
Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 84. SK Materials (SK specialty) Main Business

Table 85. SK Materials (SK specialty) Latest Developments

Table 86. Merck (Versum Materials) Basic Information, Semiconductor Specialty Gases  
Manufacturing Base, Sales Area and Its Competitors

Table 87. Merck (Versum Materials) Semiconductor Specialty Gases Product Portfolios and Specifications
Table 88. Merck (Versum Materials) Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
Table 89. Merck (Versum Materials) Main Business
Table 90. Merck (Versum Materials) Latest Developments
Table 91. Taiyo Nippon Sanso Basic Information, Semiconductor Specialty Gases Manufacturing Base, Sales Area and Its Competitors
Table 92. Taiyo Nippon Sanso Semiconductor Specialty Gases Product Portfolios and Specifications
Table 93. Taiyo Nippon Sanso Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
Table 94. Taiyo Nippon Sanso Main Business
Table 95. Taiyo Nippon Sanso Latest Developments
Table 96. Linde plc Basic Information, Semiconductor Specialty Gases Manufacturing Base, Sales Area and Its Competitors
Table 97. Linde plc Semiconductor Specialty Gases Product Portfolios and Specifications
Table 98. Linde plc Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
Table 99. Linde plc Main Business
Table 100. Linde plc Latest Developments
Table 101. Kanto Denka Kogyo Basic Information, Semiconductor Specialty Gases Manufacturing Base, Sales Area and Its Competitors
Table 102. Kanto Denka Kogyo Semiconductor Specialty Gases Product Portfolios and Specifications
Table 103. Kanto Denka Kogyo Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
Table 104. Kanto Denka Kogyo Main Business
Table 105. Kanto Denka Kogyo Latest Developments
Table 106. Hyosung Basic Information, Semiconductor Specialty Gases Manufacturing Base, Sales Area and Its Competitors
Table 107. Hyosung Semiconductor Specialty Gases Product Portfolios and Specifications
Table 108. Hyosung Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
Table 109. Hyosung Main Business
Table 110. Hyosung Latest Developments
Table 111. PERIC Basic Information, Semiconductor Specialty Gases Manufacturing

Base, Sales Area and Its Competitors

Table 112. PERIC Semiconductor Specialty Gases Product Portfolios and Specifications

Table 113. PERIC Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 114. PERIC Main Business

Table 115. PERIC Latest Developments

Table 116. Showa Denko Basic Information, Semiconductor Specialty Gases Manufacturing Base, Sales Area and Its Competitors

Table 117. Showa Denko Semiconductor Specialty Gases Product Portfolios and Specifications

Table 118. Showa Denko Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 119. Showa Denko Main Business

Table 120. Showa Denko Latest Developments

Table 121. Mitsui Chemical Basic Information, Semiconductor Specialty Gases Manufacturing Base, Sales Area and Its Competitors

Table 122. Mitsui Chemical Semiconductor Specialty Gases Product Portfolios and Specifications

Table 123. Mitsui Chemical Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 124. Mitsui Chemical Main Business

Table 125. Mitsui Chemical Latest Developments

Table 126. ChemChina Basic Information, Semiconductor Specialty Gases Manufacturing Base, Sales Area and Its Competitors

Table 127. ChemChina Semiconductor Specialty Gases Product Portfolios and Specifications

Table 128. ChemChina Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 129. ChemChina Main Business

Table 130. ChemChina Latest Developments

Table 131. Shandong FeiYuan Basic Information, Semiconductor Specialty Gases Manufacturing Base, Sales Area and Its Competitors

Table 132. Shandong FeiYuan Semiconductor Specialty Gases Product Portfolios and Specifications

Table 133. Shandong FeiYuan Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 134. Shandong FeiYuan Main Business

Table 135. Shandong FeiYuan Latest Developments

Table 136. Guangdong Huate Gas Basic Information, Semiconductor Specialty Gases Manufacturing Base, Sales Area and Its Competitors

Table 137. Guangdong Huate Gas Semiconductor Specialty Gases Product Portfolios and Specifications

Table 138. Guangdong Huate Gas Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 139. Guangdong Huate Gas Main Business

Table 140. Guangdong Huate Gas Latest Developments

Table 141. Central Glass Basic Information, Semiconductor Specialty Gases Manufacturing Base, Sales Area and Its Competitors

Table 142. Central Glass Semiconductor Specialty Gases Product Portfolios and Specifications

Table 143. Central Glass Semiconductor Specialty Gases Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 144. Central Glass Main Business

Table 145. Central Glass Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Semiconductor Specialty Gases
- Figure 2. Semiconductor Specialty Gases Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Semiconductor Specialty Gases Sales Growth Rate 2018-2029 (Tons)
- Figure 7. Global Semiconductor Specialty Gases Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Semiconductor Specialty Gases Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Nitrogen Trifluoride
- Figure 10. Product Picture of Silicon-Precursor Gases
- Figure 11. Product Picture of Fluoroalkane
- Figure 12. Product Picture of Ammonia
- Figure 13. Product Picture of Others
- Figure 14. Global Semiconductor Specialty Gases Sales Market Share by Type in 2022
- Figure 15. Global Semiconductor Specialty Gases Revenue Market Share by Type (2018-2023)
- Figure 16. Semiconductor Specialty Gases Consumed in Consumer Electronics
- Figure 17. Global Semiconductor Specialty Gases Market: Consumer Electronics (2018-2023) & (Tons)
- Figure 18. Semiconductor Specialty Gases Consumed in Automotive Electronics
- Figure 19. Global Semiconductor Specialty Gases Market: Automotive Electronics (2018-2023) & (Tons)
- Figure 20. Semiconductor Specialty Gases Consumed in Networking & Communications
- Figure 21. Global Semiconductor Specialty Gases Market: Networking & Communications (2018-2023) & (Tons)
- Figure 22. Semiconductor Specialty Gases Consumed in Others
- Figure 23. Global Semiconductor Specialty Gases Market: Others (2018-2023) & (Tons)
- Figure 24. Global Semiconductor Specialty Gases Sales Market Share by Application (2022)
- Figure 25. Global Semiconductor Specialty Gases Revenue Market Share by Application in 2022
- Figure 26. Semiconductor Specialty Gases Sales Market by Company in 2022 (Tons)

Figure 27. Global Semiconductor Specialty Gases Sales Market Share by Company in 2022

Figure 28. Semiconductor Specialty Gases Revenue Market by Company in 2022 (\$ Million)

Figure 29. Global Semiconductor Specialty Gases Revenue Market Share by Company in 2022

Figure 30. Global Semiconductor Specialty Gases Sales Market Share by Geographic Region (2018-2023)

Figure 31. Global Semiconductor Specialty Gases Revenue Market Share by Geographic Region in 2022

Figure 32. Americas Semiconductor Specialty Gases Sales 2018-2023 (Tons)

Figure 33. Americas Semiconductor Specialty Gases Revenue 2018-2023 (\$ Millions)

Figure 34. APAC Semiconductor Specialty Gases Sales 2018-2023 (Tons)

Figure 35. APAC Semiconductor Specialty Gases Revenue 2018-2023 (\$ Millions)

Figure 36. Europe Semiconductor Specialty Gases Sales 2018-2023 (Tons)

Figure 37. Europe Semiconductor Specialty Gases Revenue 2018-2023 (\$ Millions)

Figure 38. Middle East & Africa Semiconductor Specialty Gases Sales 2018-2023 (Tons)

Figure 39. Middle East & Africa Semiconductor Specialty Gases Revenue 2018-2023 (\$ Millions)

Figure 40. Americas Semiconductor Specialty Gases Sales Market Share by Country in 2022

Figure 41. Americas Semiconductor Specialty Gases Revenue Market Share by Country in 2022

Figure 42. Americas Semiconductor Specialty Gases Sales Market Share by Type (2018-2023)

Figure 43. Americas Semiconductor Specialty Gases Sales Market Share by Application (2018-2023)

Figure 44. United States Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 45. Canada Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 46. Mexico Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 47. Brazil Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 48. APAC Semiconductor Specialty Gases Sales Market Share by Region in 2022

Figure 49. APAC Semiconductor Specialty Gases Revenue Market Share by Regions in



2022

Figure 50. APAC Semiconductor Specialty Gases Sales Market Share by Type (2018-2023)

Figure 51. APAC Semiconductor Specialty Gases Sales Market Share by Application (2018-2023)

Figure 52. China Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 53. Japan Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 54. South Korea Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 55. Southeast Asia Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 56. India Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 57. Australia Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 58. China Taiwan Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 59. Europe Semiconductor Specialty Gases Sales Market Share by Country in 2022

Figure 60. Europe Semiconductor Specialty Gases Revenue Market Share by Country in 2022

Figure 61. Europe Semiconductor Specialty Gases Sales Market Share by Type (2018-2023)

Figure 62. Europe Semiconductor Specialty Gases Sales Market Share by Application (2018-2023)

Figure 63. Germany Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 64. France Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 65. UK Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 66. Italy Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 67. Russia Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 68. Middle East & Africa Semiconductor Specialty Gases Sales Market Share by Country in 2022

Figure 69. Middle East & Africa Semiconductor Specialty Gases Revenue Market Share

by Country in 2022

Figure 70. Middle East & Africa Semiconductor Specialty Gases Sales Market Share by Type (2018-2023)

Figure 71. Middle East & Africa Semiconductor Specialty Gases Sales Market Share by Application (2018-2023)

Figure 72. Egypt Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 73. South Africa Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 74. Israel Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 75. Turkey Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 76. GCC Country Semiconductor Specialty Gases Revenue Growth 2018-2023 (\$ Millions)

Figure 77. Manufacturing Cost Structure Analysis of Semiconductor Specialty Gases in 2022

Figure 78. Manufacturing Process Analysis of Semiconductor Specialty Gases

Figure 79. Industry Chain Structure of Semiconductor Specialty Gases

Figure 80. Channels of Distribution

Figure 81. Global Semiconductor Specialty Gases Sales Market Forecast by Region (2024-2029)

Figure 82. Global Semiconductor Specialty Gases Revenue Market Share Forecast by Region (2024-2029)

Figure 83. Global Semiconductor Specialty Gases Sales Market Share Forecast by Type (2024-2029)

Figure 84. Global Semiconductor Specialty Gases Revenue Market Share Forecast by Type (2024-2029)

Figure 85. Global Semiconductor Specialty Gases Sales Market Share Forecast by Application (2024-2029)

Figure 86. Global Semiconductor Specialty Gases Revenue Market Share Forecast by Application (2024-2029)



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