

Global Semiconductor Gases Market Research Report 2020

https://marketpublishers.com/r/GDBAE6DB7526EN.html

Date: September 2020

Pages: 117

Price: US\$ 2,900.00 (Single User License)

ID: GDBAE6DB7526EN

Abstracts

The research report includes specific segments by region (country), by company, by Type and by Application. This study provides information about the sales and revenue during the historic and forecasted period of 2015 to 2026. Understanding the segments helps in identifying the importance of different factors that aid the market growth.

Segment by Type, the Semiconductor Gases market is segmented into

Hydrogen
Nitrogen Trifluoride
Chlorine Gas
Silicon Gases
Ammonia Gas
Others
Hydrogen, Ammonia Gas and Nitrogen Trifluoride are the top three widely used types, which take up about 52% of the total share.

Segment by Application

Chamber Clean



Italy



Russia		
Asia-Pacific		
China		
Japan		
South Korea		
India		
Australia		
Taiwan		
Indonesia		
Thailand		
Malaysia		
Philippines		
Vietnam		
Latin America		
Mexico		
Brazil		
Argentina		
Middle East & Africa		
Turkey		



Saudi Arabia

UAE

Global Semiconductor Gases Market: Competitive Analysis

This section of the report identifies various key manufacturers of the market. It helps the reader understand the strategies and collaborations that players are focusing on combat competition in the market. The comprehensive report provides a significant microscopic look at the market. The reader can identify the footprints of the manufacturers by knowing about the global revenue of manufacturers, the global price of manufacturers, and sales by manufacturers during the forecast period of 2015 to 2019.

The major players in global Semiconductor Gases market include:

ajor players in global Semiconductor Ga
SK Materials
Versum Materials
Air Liquide
Taiyo Nippon Sanso
Praxair-Linde
Kanto Denka
Showa Denko
Air Products and Chemicals
Hyosung
Sumitomo Seika Chemicals
Central Glass
The 718th Research Institute of CSSC



Adeka	
REC	
Mitsui Chemical	
Tokuyama	
Guangdong Huate Gas	



Contents

1 SEMICONDUCTOR GASES MARKET OVERVIEW

- 1.1 Product Overview and Scope of Semiconductor Gases
- 1.2 Semiconductor Gases Segment by Type
- 1.2.1 Global Semiconductor Gases Sales Growth Rate Comparison by Type (2021-2026)
 - 1.2.2 Hydrogen
 - 1.2.3 Nitrogen Trifluoride
 - 1.2.4 Chlorine Gas
 - 1.2.5 Silicon Gases
 - 1.2.6 Ammonia Gas
 - 1.2.7 Others
- 1.3 Semiconductor Gases Segment by Application
 - 1.3.1 Semiconductor Gases Sales Comparison by Application: 2020 VS 2026
 - 1.3.2 Chamber Clean
 - 1.3.3 Oxidation
- 1.3.4 Deposition
- 1.3.5 Etching
- 1.3.6 Doping
- 1.3.7 Others
- 1.4 Global Semiconductor Gases Market Size Estimates and Forecasts
 - 1.4.1 Global Semiconductor Gases Revenue 2015-2026
 - 1.4.2 Global Semiconductor Gases Sales 2015-2026
 - 1.4.3 Semiconductor Gases Market Size by Region: 2020 Versus 2026
- 1.5 Semiconductor Gases Industry
- 1.6 Semiconductor Gases Market Trends

2 GLOBAL SEMICONDUCTOR GASES MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Semiconductor Gases Sales Market Share by Manufacturers (2015-2020)
- 2.2 Global Semiconductor Gases Revenue Share by Manufacturers (2015-2020)
- 2.3 Global Semiconductor Gases Average Price by Manufacturers (2015-2020)
- 2.4 Manufacturers Semiconductor Gases Manufacturing Sites, Area Served, Product Type
- 2.5 Semiconductor Gases Market Competitive Situation and Trends
 - 2.5.1 Semiconductor Gases Market Concentration Rate



- 2.5.2 Global Top 5 and Top 10 Players Market Share by Revenue
- 2.5.3 Market Share by Company Type (Tier 1, Tier 2 and Tier 3)
- 2.6 Manufacturers Mergers & Acquisitions, Expansion Plans
- 2.7 Primary Interviews with Key Semiconductor Gases Players (Opinion Leaders)

3 SEMICONDUCTOR GASES RETROSPECTIVE MARKET SCENARIO BY REGION

- 3.1 Global Semiconductor Gases Retrospective Market Scenario in Sales by Region: 2015-2020
- 3.2 Global Semiconductor Gases Retrospective Market Scenario in Revenue by Region: 2015-2020
- 3.3 North America Semiconductor Gases Market Facts & Figures by Country
 - 3.3.1 North America Semiconductor Gases Sales by Country
 - 3.3.2 North America Semiconductor Gases Sales by Country
 - 3.3.3 U.S.
 - 3.3.4 Canada
- 3.4 Europe Semiconductor Gases Market Facts & Figures by Country
 - 3.4.1 Europe Semiconductor Gases Sales by Country
 - 3.4.2 Europe Semiconductor Gases Sales by Country
 - 3.4.3 Germany
 - 3.4.4 France
 - 3.4.5 U.K.
 - 3.4.6 Italy
 - 3.4.7 Russia
- 3.5 Asia Pacific Semiconductor Gases Market Facts & Figures by Region
 - 3.5.1 Asia Pacific Semiconductor Gases Sales by Region
 - 3.5.2 Asia Pacific Semiconductor Gases Sales by Region
 - 3.5.3 China
 - 3.5.4 Japan
 - 3.5.5 South Korea
 - 3.5.6 India
 - 3.5.7 Australia
 - 3.5.8 Taiwan
 - 3.5.9 Indonesia
 - 3.5.10 Thailand
 - 3.5.11 Malaysia
 - 3.5.12 Philippines
 - 3.5.13 Vietnam
- 3.6 Latin America Semiconductor Gases Market Facts & Figures by Country



- 3.6.1 Latin America Semiconductor Gases Sales by Country
- 3.6.2 Latin America Semiconductor Gases Sales by Country
- 3.6.3 Mexico
- 3.6.3 Brazil
- 3.6.3 Argentina
- 3.7 Middle East and Africa Semiconductor Gases Market Facts & Figures by Country
 - 3.7.1 Middle East and Africa Semiconductor Gases Sales by Country
 - 3.7.2 Middle East and Africa Semiconductor Gases Sales by Country
 - 3.7.3 Turkey
 - 3.7.4 Saudi Arabia
 - 3.7.5 UAE

4 GLOBAL SEMICONDUCTOR GASES HISTORIC MARKET ANALYSIS BY TYPE

- 4.1 Global Semiconductor Gases Sales Market Share by Type (2015-2020)
- 4.2 Global Semiconductor Gases Revenue Market Share by Type (2015-2020)
- 4.3 Global Semiconductor Gases Price Market Share by Type (2015-2020)
- 4.4 Global Semiconductor Gases Market Share by Price Tier (2015-2020): Low-End, Mid-Range and High-End

5 GLOBAL SEMICONDUCTOR GASES HISTORIC MARKET ANALYSIS BY APPLICATION

- 5.1 Global Semiconductor Gases Sales Market Share by Application (2015-2020)
- 5.2 Global Semiconductor Gases Revenue Market Share by Application (2015-2020)
- 5.3 Global Semiconductor Gases Price by Application (2015-2020)

6 COMPANY PROFILES AND KEY FIGURES IN SEMICONDUCTOR GASES BUSINESS

- 6.1 SK Materials
 - 6.1.1 Corporation Information
 - 6.1.2 SK Materials Description, Business Overview and Total Revenue
- 6.1.3 SK Materials Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
- 6.1.4 SK Materials Products Offered
- 6.1.5 SK Materials Recent Development
- 6.2 Versum Materials
 - 6.2.1 Versum Materials Corporation Information



- 6.2.2 Versum Materials Description, Business Overview and Total Revenue
- 6.2.3 Versum Materials Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.2.4 Versum Materials Products Offered
 - 6.2.5 Versum Materials Recent Development
- 6.3 Air Liquide
 - 6.3.1 Air Liquide Corporation Information
 - 6.3.2 Air Liquide Description, Business Overview and Total Revenue
- 6.3.3 Air Liquide Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.3.4 Air Liquide Products Offered
 - 6.3.5 Air Liquide Recent Development
- 6.4 Taiyo Nippon Sanso
 - 6.4.1 Taiyo Nippon Sanso Corporation Information
- 6.4.2 Taiyo Nippon Sanso Description, Business Overview and Total Revenue
- 6.4.3 Taiyo Nippon Sanso Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.4.4 Taiyo Nippon Sanso Products Offered
 - 6.4.5 Taiyo Nippon Sanso Recent Development
- 6.5 Praxair-Linde
 - 6.5.1 Praxair-Linde Corporation Information
 - 6.5.2 Praxair-Linde Description, Business Overview and Total Revenue
- 6.5.3 Praxair-Linde Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
- 6.5.4 Praxair-Linde Products Offered
- 6.5.5 Praxair-Linde Recent Development
- 6.6 Kanto Denka
 - 6.6.1 Kanto Denka Corporation Information
 - 6.6.2 Kanto Denka Description, Business Overview and Total Revenue
- 6.6.3 Kanto Denka Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.6.4 Kanto Denka Products Offered
 - 6.6.5 Kanto Denka Recent Development
- 6.7 Showa Denko
 - 6.6.1 Showa Denko Corporation Information
 - 6.6.2 Showa Denko Description, Business Overview and Total Revenue
- 6.6.3 Showa Denko Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
- 6.4.4 Showa Denko Products Offered



- 6.7.5 Showa Denko Recent Development
- 6.8 Air Products and Chemicals
 - 6.8.1 Air Products and Chemicals Corporation Information
 - 6.8.2 Air Products and Chemicals Description, Business Overview and Total Revenue
- 6.8.3 Air Products and Chemicals Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.8.4 Air Products and Chemicals Products Offered
 - 6.8.5 Air Products and Chemicals Recent Development
- 6.9 Hyosung
 - 6.9.1 Hyosung Corporation Information
 - 6.9.2 Hyosung Description, Business Overview and Total Revenue
 - 6.9.3 Hyosung Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.9.4 Hyosung Products Offered
 - 6.9.5 Hyosung Recent Development
- 6.10 Sumitomo Seika Chemicals
 - 6.10.1 Sumitomo Seika Chemicals Corporation Information
 - 6.10.2 Sumitomo Seika Chemicals Description, Business Overview and Total Revenue
- 6.10.3 Sumitomo Seika Chemicals Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.10.4 Sumitomo Seika Chemicals Products Offered
 - 6.10.5 Sumitomo Seika Chemicals Recent Development
- 6.11 Central Glass
 - 6.11.1 Central Glass Corporation Information
- 6.11.2 Central Glass Semiconductor Gases Description, Business Overview and Total Revenue
- 6.11.3 Central Glass Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.11.4 Central Glass Products Offered
 - 6.11.5 Central Glass Recent Development
- 6.12 The 718th Research Institute of CSSC
 - 6.12.1 The 718th Research Institute of CSSC Corporation Information
 - 6.12.2 The 718th Research Institute of CSSC Semiconductor Gases Description,

Business Overview and Total Revenue

- 6.12.3 The 718th Research Institute of CSSC Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.12.4 The 718th Research Institute of CSSC Products Offered
 - 6.12.5 The 718th Research Institute of CSSC Recent Development
- 6.13 Adeka
 - 6.13.1 Adeka Corporation Information



- 6.13.2 Adeka Semiconductor Gases Description, Business Overview and Total Revenue
- 6.13.3 Adeka Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
- 6.13.4 Adeka Products Offered
- 6.13.5 Adeka Recent Development
- 6.14 REC
 - 6.14.1 REC Corporation Information
 - 6.14.2 REC Semiconductor Gases Description, Business Overview and Total Revenue
 - 6.14.3 REC Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.14.4 REC Products Offered
 - 6.14.5 REC Recent Development
- 6.15 Mitsui Chemical
 - 6.15.1 Mitsui Chemical Corporation Information
- 6.15.2 Mitsui Chemical Semiconductor Gases Description, Business Overview and Total Revenue
- 6.15.3 Mitsui Chemical Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.15.4 Mitsui Chemical Products Offered
 - 6.15.5 Mitsui Chemical Recent Development
- 6.16 Tokuyama
 - 6.16.1 Tokuyama Corporation Information
- 6.16.2 Tokuyama Semiconductor Gases Description, Business Overview and Total Revenue
- 6.16.3 Tokuyama Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.16.4 Tokuyama Products Offered
 - 6.16.5 Tokuyama Recent Development
- 6.17 Guangdong Huate Gas
 - 6.17.1 Guangdong Huate Gas Corporation Information
- 6.17.2 Guangdong Huate Gas Semiconductor Gases Description, Business Overview and Total Revenue
- 6.17.3 Guangdong Huate Gas Semiconductor Gases Sales, Revenue and Gross Margin (2015-2020)
 - 6.17.4 Guangdong Huate Gas Products Offered
 - 6.17.5 Guangdong Huate Gas Recent Development

7 SEMICONDUCTOR GASES MANUFACTURING COST ANALYSIS

7.1 Semiconductor Gases Key Raw Materials Analysis



- 7.1.1 Key Raw Materials
- 7.1.2 Key Raw Materials Price Trend
- 7.1.3 Key Suppliers of Raw Materials
- 7.2 Proportion of Manufacturing Cost Structure
- 7.3 Manufacturing Process Analysis of Semiconductor Gases
- 7.4 Semiconductor Gases Industrial Chain Analysis

8 MARKETING CHANNEL, DISTRIBUTORS AND CUSTOMERS

- 8.1 Marketing Channel
- 8.2 Semiconductor Gases Distributors List
- 8.3 Semiconductor Gases Customers

9 MARKET DYNAMICS

- 9.1 Market Trends
- 9.2 Opportunities and Drivers
- 9.3 Challenges
- 9.4 Porter's Five Forces Analysis

10 GLOBAL MARKET FORECAST

- 10.1 Global Semiconductor Gases Market Estimates and Projections by Type
- 10.1.1 Global Forecasted Sales of Semiconductor Gases by Type (2021-2026)
- 10.1.2 Global Forecasted Revenue of Semiconductor Gases by Type (2021-2026)
- 10.2 Semiconductor Gases Market Estimates and Projections by Application
- 10.2.1 Global Forecasted Sales of Semiconductor Gases by Application (2021-2026)
- 10.2.2 Global Forecasted Revenue of Semiconductor Gases by Application (2021-2026)
- 10.3 Semiconductor Gases Market Estimates and Projections by Region
- 10.3.1 Global Forecasted Sales of Semiconductor Gases by Region (2021-2026)
- 10.3.2 Global Forecasted Revenue of Semiconductor Gases by Region (2021-2026)
- 10.4 North America Semiconductor Gases Estimates and Projections (2021-2026)
- 10.5 Europe Semiconductor Gases Estimates and Projections (2021-2026)
- 10.6 Asia Pacific Semiconductor Gases Estimates and Projections (2021-2026)
- 10.7 Latin America Semiconductor Gases Estimates and Projections (2021-2026)
- 10.8 Middle East and Africa Semiconductor Gases Estimates and Projections (2021-2026)



11 RESEARCH FINDING AND CONCLUSION

12 METHODOLOGY AND DATA SOURCE

- 12.1 Methodology/Research Approach
 - 12.1.1 Research Programs/Design
 - 12.1.2 Market Size Estimation
 - 12.1.3 Market Breakdown and Data Triangulation
- 12.2 Data Source
 - 12.2.1 Secondary Sources
 - 12.2.2 Primary Sources
- 12.3 Author List
- 12.4 Disclaimer



List Of Tables

LIST OF TABLES

- Table 1. Global Semiconductor Gases Sales (MT) Growth Rate Comparison by Type (2015-2026)
- Table 2. Global Semiconductor Gases Sales (MT) Comparison by Application: 2020 VS 2026
- Table 3. Global Semiconductor Gases Market Size by Type (MT) (US\$ Million) (2020 VS 2026)
- Table 4. Global Key Semiconductor Gases Manufacturers Covered in This Study
- Table 5. Global Semiconductor Gases Sales (MT) by Manufacturers (2015-2020)
- Table 6. Global Semiconductor Gases Sales Share by Manufacturers (2015-2020)
- Table 7. Global Semiconductor Gases Revenue (Million USD) by Manufacturers (2015-2020)
- Table 8. Global Semiconductor Gases Revenue Share by Manufacturers (2015-2020)
- Table 9. Global Market Semiconductor Gases Average Price (US\$/Ton) of Key Manufacturers (2015-2020)
- Table 10. Manufacturers Semiconductor Gases Sales Sites and Area Served
- Table 11. Manufacturers Semiconductor Gases Product Types
- Table 12. Global Semiconductor Gases Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 13. Global Semiconductor Gases by Company Type (Tier 1, Tier 2 and Tier 3) (based on the Revenue in Semiconductor Gases as of 2019)
- Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 15. Main Points Interviewed from Key Semiconductor Gases Players
- Table 16. Global Semiconductor Gases Sales (MT) by Region (2015-2020)
- Table 17. Global Semiconductor Gases Sales Market Share by Region (2015-2020)
- Table 18. Global Semiconductor Gases Revenue (Million US\$) by Region (2015-2020)
- Table 19. Global Semiconductor Gases Revenue Market Share by Region (2015-2020)
- Table 20. North America Semiconductor Gases Sales by Country (2015-2020) (MT)
- Table 21. North America Semiconductor Gases Sales Market Share by Country (2015-2020)
- Table 22. North America Semiconductor Gases Revenue by Country (2015-2020) (US\$ Million)
- Table 23. North America Semiconductor Gases Revenue Market Share by Country (2015-2020)
- Table 24. Europe Semiconductor Gases Sales by Country (2015-2020) (MT)
- Table 25. Europe Semiconductor Gases Sales Market Share by Country (2015-2020)



- Table 26. Europe Semiconductor Gases Revenue by Country (2015-2020) (US\$ Million)
- Table 27. Europe Semiconductor Gases Revenue Market Share by Country (2015-2020)
- Table 28. Asia Pacific Semiconductor Gases Sales by Region (2015-2020) (MT)
- Table 29. Asia Pacific Semiconductor Gases Sales Market Share by Region (2015-2020)
- Table 30. Asia Pacific Semiconductor Gases Revenue by Region (2015-2020) (US\$ Million)
- Table 31. Asia Pacific Semiconductor Gases Revenue Market Share by Region (2015-2020)
- Table 32. Latin America Semiconductor Gases Sales by Country (2015-2020) (MT)
- Table 33. Latin America Semiconductor Gases Sales Market Share by Country (2015-2020)
- Table 34. Latin America Semiconductor Gases Revenue by Country (2015-2020) (US\$ Million)
- Table 35. Latin America Semiconductor Gases Revenue Market Share by Country (2015-2020)
- Table 36. Middle East and Africa Semiconductor Gases Sales by Country (2015-2020) (MT)
- Table 37. Middle East and Africa Semiconductor Gases Sales Market Share by Country (2015-2020)
- Table 38. Middle East and Africa Semiconductor Gases Revenue by Country (2015-2020) (US\$ Million)
- Table 39. Middle East and Africa Semiconductor Gases Revenue Market Share by Country (2015-2020)
- Table 40. Global Semiconductor Gases Sales (MT) by Type (2015-2020)
- Table 41. Global Semiconductor Gases Sales Share by Type (2015-2020)
- Table 42. Global Semiconductor Gases Revenue (Million US\$) by Type (2015-2020)
- Table 43. Global Semiconductor Gases Revenue Share by Type (2015-2020)
- Table 44. Global Semiconductor Gases Price (US\$/Ton) by Type (2015-2020)
- Table 45. Global Semiconductor Gases Sales (MT) by Application (2015-2020)
- Table 46. Global Semiconductor Gases Sales Market Share by Application (2015-2020)
- Table 47. Global Semiconductor Gases Sales Growth Rate by Application (2015-2020)
- Table 48. SK Materials Semiconductor Gases Corporation Information
- Table 49. SK Materials Description and Business Overview
- Table 50. SK Materials Semiconductor Gases Sales (MT), Revenue (Million US\$), Price (US\$/Ton) and Gross Margin (2015-2020)
- Table 51. SK Materials Main Product
- Table 52. SK Materials Recent Development



- Table 53. Versum Materials Semiconductor Gases Corporation Information
- Table 54. Versum Materials Corporation Information
- Table 55. Versum Materials Semiconductor Gases Sales (MT), Revenue (Million US\$),
- Price (US\$/Ton) and Gross Margin (2015-2020)
- Table 56. Versum Materials Main Product
- Table 57. Versum Materials Recent Development
- Table 58. Air Liquide Semiconductor Gases Corporation Information
- Table 59. Air Liquide Corporation Information
- Table 60. Air Liquide Semiconductor Gases Sales (MT), Revenue (Million US\$), Price
- (US\$/Ton) and Gross Margin (2015-2020)
- Table 61. Air Liquide Main Product
- Table 62. Air Liquide Recent Development
- Table 63. Taiyo Nippon Sanso Semiconductor Gases Corporation Information
- Table 64. Taiyo Nippon Sanso Corporation Information
- Table 65. Taiyo Nippon Sanso Semiconductor Gases Sales (MT), Revenue (Million
- US\$), Price (US\$/Ton) and Gross Margin (2015-2020)
- Table 66. Taiyo Nippon Sanso Main Product
- Table 67. Taiyo Nippon Sanso Recent Development
- Table 68. Praxair-Linde Semiconductor Gases Corporation Information
- Table 69. Praxair-Linde Corporation Information
- Table 70. Praxair-Linde Semiconductor Gases Sales (MT), Revenue (Million US\$),
- Price (US\$/Ton) and Gross Margin (2015-2020)
- Table 71. Praxair-Linde Main Product
- Table 72. Praxair-Linde Recent Development
- Table 73. Kanto Denka Semiconductor Gases Corporation Information
- Table 74. Kanto Denka Corporation Information
- Table 75. Kanto Denka Semiconductor Gases Sales (MT), Revenue (Million US\$), Price
- (US\$/Ton) and Gross Margin (2015-2020)
- Table 76. Kanto Denka Main Product
- Table 77. Kanto Denka Recent Development
- Table 78. Showa Denko Semiconductor Gases Corporation Information
- Table 79. Showa Denko Corporation Information
- Table 80. Showa Denko Semiconductor Gases Sales (MT), Revenue (Million US\$),
- Price (US\$/Ton) and Gross Margin (2015-2020)
- Table 81. Showa Denko Main Product
- Table 82. Showa Denko Recent Development
- Table 83. Air Products and Chemicals Semiconductor Gases Corporation Information
- Table 84. Air Products and Chemicals Corporation Information
- Table 85. Air Products and Chemicals Semiconductor Gases Sales (MT), Revenue



(Million US\$), Price (US\$/Ton) and Gross Margin (2015-2020)

Table 86. Air Products and Chemicals Main Product

Table 87. Air Products and Chemicals Recent Development

Table 88. Hyosung Semiconductor Gases Corporation Information

Table 89. Hyosung Corporation Information

Table 90. Hyosung Semiconductor Gases Sales (MT), Revenue (Million US\$), Price

(US\$/Ton) and Gross Margin (2015-2020)

Table 91. Hyosung Main Product

Table 92. Hyosung Recent Development

Table 93. Sumitomo Seika Chemicals Semiconductor Gases Corporation Information

Table 94. Sumitomo Seika Chemicals Corporation Information

Table 95. Sumitomo Seika Chemicals Semiconductor Gases Sales (MT), Revenue

(Million US\$), Price (US\$/Ton) and Gross Margin (2015-2020)

Table 96. Sumitomo Seika Chemicals Main Product

Table 97. Sumitomo Seika Chemicals Recent Development

Table 98. Central Glass Semiconductor Gases Corporation Information

Table 99. Central Glass Corporation Information

Table 100. Central Glass Semiconductor Gases Sales (MT), Revenue (Million US\$),

Price (US\$/Ton) and Gross Margin (2015-2020)

Table 101. Central Glass Main Product

Table 102. Central Glass Recent Development

Table 103. The 718th Research Institute of CSSC Semiconductor Gases Corporation Information

Table 104. The 718th Research Institute of CSSC Corporation Information

Table 105. The 718th Research Institute of CSSC Semiconductor Gases Sales (MT),

Revenue (Million US\$), Price (US\$/Ton) and Gross Margin (2015-2020)

Table 106. The 718th Research Institute of CSSC Main Product

Table 107. The 718th Research Institute of CSSC Recent Development

Table 108. Adeka Semiconductor Gases Corporation Information

Table 109. Adeka Corporation Information

Table 110. Adeka Semiconductor Gases Sales (MT), Revenue (Million US\$), Price

(US\$/Ton) and Gross Margin (2015-2020)

Table 111. Adeka Main Product

Table 112. Adeka Recent Development

Table 113. REC Semiconductor Gases Corporation Information

Table 114. REC Corporation Information

Table 115. REC Semiconductor Gases Sales (MT), Revenue (Million US\$), Price

(US\$/Ton) and Gross Margin (2015-2020)

Table 116. REC Main Product



- Table 117. REC Recent Development
- Table 118. Mitsui Chemical Semiconductor Gases Corporation Information
- Table 119. Mitsui Chemical Corporation Information
- Table 120. Mitsui Chemical Semiconductor Gases Sales (MT), Revenue (Million US\$),
- Price (US\$/Ton) and Gross Margin (2015-2020)
- Table 121. Mitsui Chemical Main Product
- Table 122. Mitsui Chemical Recent Development
- Table 123. Tokuyama Semiconductor Gases Corporation Information
- Table 124. Tokuyama Corporation Information
- Table 125. Tokuyama Semiconductor Gases Sales (MT), Revenue (Million US\$), Price
- (US\$/Ton) and Gross Margin (2015-2020)
- Table 126. Tokuyama Main Product
- Table 127. Tokuyama Recent Development
- Table 128. Guangdong Huate Gas Semiconductor Gases Corporation Information
- Table 129. Guangdong Huate Gas Corporation Information
- Table 130. Guangdong Huate Gas Semiconductor Gases Sales (MT), Revenue (Million
- US\$), Price (US\$/Ton) and Gross Margin (2015-2020)
- Table 131. Guangdong Huate Gas Main Product
- Table 132. Guangdong Huate Gas Recent Development
- Table 133. Sales Base and Market Concentration Rate of Raw Material
- Table 134. Key Suppliers of Raw Materials
- Table 135. Semiconductor Gases Distributors List
- Table 136. Semiconductor Gases Customers List
- Table 137. Market Key Trends
- Table 138. Key Opportunities and Drivers: Impact Analysis (2021-2026)
- Table 139. Key Challenges
- Table 140. Global Semiconductor Gases Sales (MT) Forecast by Type (2021-2026)
- Table 141. Global Semiconductor Gases Sales Market Share Forecast by Type (2021-2026)
- Table 142. Global Semiconductor Gases Revenue (Million US\$) Forecast by Type (2021-2026)
- Table 143. Global Semiconductor Gases Revenue (Million US\$) Market Share Forecast by Type (2021-2026)
- Table 144. Global Semiconductor Gases Sales (MT) Forecast by Application (2021-2026)
- Table 145. Global Semiconductor Gases Revenue (Million US\$) Forecast by Application (2021-2026)
- Table 146. Global Semiconductor Gases Sales (MT) Forecast by Region (2021-2026)
- Table 147. Global Semiconductor Gases Sales Market Share Forecast by Region



(2021-2026)

Table 148. Global Semiconductor Gases Revenue Forecast by Region (2021-2026) (US\$ Million)

Table 149. Global Semiconductor Gases Revenue Market Share Forecast by Region (2021-2026)

Table 150. Research Programs/Design for This Report

Table 151. Key Data Information from Secondary Sources

Table 152. Key Data Information from Primary Sources



List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Semiconductor Gases
- Figure 2. Global Semiconductor Gases Sales Market Share by Type: 2020 VS 2026
- Figure 3. Hydrogen Product Picture
- Figure 4. Nitrogen Trifluoride Product Picture
- Figure 5. Chlorine Gas Product Picture
- Figure 6. Silicon Gases Product Picture
- Figure 7. Ammonia Gas Product Picture
- Figure 8. Others Product Picture
- Figure 9. Global Semiconductor Gases Consumption Market Share by Application: 2020 VS 2026
- Figure 10. Chamber Clean
- Figure 11. Oxidation
- Figure 12. Deposition
- Figure 13. Etching
- Figure 14. Doping
- Figure 15. Others
- Figure 16. Global Semiconductor Gases Market Size 2015-2026 (US\$ Million)
- Figure 17. Global Semiconductor Gases Sales Capacity (MT) (2015-2026)
- Figure 18. Global Semiconductor Gases Market Size Market Share by Region: 2020
- Versus 2026
- Figure 19. Semiconductor Gases Sales Share by Manufacturers in 2020
- Figure 20. Global Semiconductor Gases Revenue Share by Manufacturers in 2019
- Figure 21. The Global 5 and 10 Largest Players: Market Share by Semiconductor
- Gases Revenue in 2019
- Figure 22. Semiconductor Gases Market Share by Company Type (Tier 1, Tier 2 and
- Tier 3): 2015 VS 2019
- Figure 23. Global Semiconductor Gases Sales Market Share by Region (2015-2020)
- Figure 24. Global Semiconductor Gases Sales Market Share by Region in 2019
- Figure 25. Global Semiconductor Gases Revenue Market Share by Region (2015-2020)
- Figure 26. Global Semiconductor Gases Revenue Market Share by Region in 2019
- Figure 27. North America Semiconductor Gases Sales Market Share by Country in 2019
- Figure 28. North America Semiconductor Gases Revenue Market Share by Country in 2019
- Figure 29. U.S. Semiconductor Gases Sales Growth Rate (2015-2020) (MT)



- Figure 30. U.S. Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 31. Canada Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 32. Canada Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 33. Europe Semiconductor Gases Sales Market Share by Country in 2019
- Figure 34. Europe Semiconductor Gases Revenue Market Share by Country in 2019
- Figure 35. Germany Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 36. Germany Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 37. France Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 38. France Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 39. U.K. Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 40. U.K. Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 41. Italy Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 42. Italy Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 43. Russia Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 44. Russia Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 45. Asia Pacific Semiconductor Gases Sales Market Share by Region in 2019
- Figure 46. Asia Pacific Semiconductor Gases Revenue Market Share by Region in 2019
- Figure 47. China Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 48. China Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 49. Japan Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 50. Japan Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 51. South Korea Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 52. South Korea Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 53. India Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 54. India Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 55. Australia Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 56. Australia Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 57. Taiwan Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 58. Taiwan Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 59. Indonesia Semiconductor Gases Sales Growth Rate (2015-2020) (MT)



- Figure 60. Indonesia Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 61. Thailand Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 62. Thailand Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 63. Malaysia Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 64. Malaysia Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 65. Philippines Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 66. Philippines Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 67. Vietnam Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 68. Vietnam Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 69. Latin America Semiconductor Gases Sales Market Share by Country in 2019
- Figure 70. Latin America Semiconductor Gases Revenue Market Share by Country in 2019
- Figure 71. Mexico Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 72. Mexico Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 73. Brazil Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 74. Brazil Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 75. Argentina Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 76. Argentina Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 77. Middle East and Africa Semiconductor Gases Sales Market Share by Country in 2019
- Figure 78. Middle East and Africa Semiconductor Gases Revenue Market Share by Country in 2019
- Figure 79. Turkey Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 80. Turkey Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 81. Saudi Arabia Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 82. Saudi Arabia Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 83. UAE Semiconductor Gases Sales Growth Rate (2015-2020) (MT)
- Figure 84. UAE Semiconductor Gases Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 85. Sales Market Share of Semiconductor Gases by Type (2015-2020)



- Figure 86. Sales Market Share of Semiconductor Gases by Type in 2019
- Figure 87. Revenue Share of Semiconductor Gases by Type (2015-2020)
- Figure 88. Revenue Market Share of Semiconductor Gases by Type in 2019
- Figure 89. Global Semiconductor Gases Sales Growth by Type (2015-2020) (MT)
- Figure 90. Global Semiconductor Gases Sales Market Share by Application (2015-2020)
- Figure 91. Global Semiconductor Gases Sales Market Share by Application in 2019
- Figure 92. Global Revenue Share of Semiconductor Gases by Application (2015-2020)
- Figure 93. Global Revenue Share of Semiconductor Gases by Application in 2020
- Figure 94. SK Materials Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 95. Versum Materials Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 96. Air Liquide Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 97. Taiyo Nippon Sanso Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 98. Praxair-Linde Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 99. Kanto Denka Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 100. Showa Denko Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 101. Air Products and Chemicals Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 102. Hyosung Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 103. Sumitomo Seika Chemicals Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 104. Central Glass Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 105. The 718th Research Institute of CSSC Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 106. Adeka Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 107. REC Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 108. Mitsui Chemical Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 109. Tokuyama Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 110. Guangdong Huate Gas Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 111. Price Trend of Key Raw Materials
- Figure 112. Manufacturing Cost Structure of Semiconductor Gases
- Figure 113. Manufacturing Process Analysis of Semiconductor Gases
- Figure 114. Semiconductor Gases Industrial Chain Analysis
- Figure 115. Channels of Distribution
- Figure 116. Distributors Profiles
- Figure 117. Porter's Five Forces Analysis
- Figure 118. North America Semiconductor Gases Sales (MT) and Growth Rate
- Forecast (2021-2026)



Figure 119. North America Semiconductor Gases Revenue (Million US\$) and Growth Rate Forecast (2021-2026)

Figure 120. Europe Semiconductor Gases Sales (MT) and Growth Rate Forecast (2021-2026)

Figure 121. Europe Semiconductor Gases Revenue (Million US\$) and Growth Rate Forecast (2021-2026)

Figure 122. Latin America Semiconductor Gases Sales (MT) and Growth Rate Forecast (2021-2026)

Figure 123. Latin America Semiconductor Gases Revenue (Million US\$) and Growth Rate Forecast (2021-2026)

Figure 124. Middle East and Africa Semiconductor Gases Sales (MT) and Growth Rate Forecast (2021-2026)

Figure 125. Middle East and Africa Semiconductor Gases Revenue (Million US\$) and Growth Rate Forecast (2021-2026)

Figure 126. Asia Pacific Semiconductor Gases Sales (MT) and Growth Rate Forecast (2021-2026)

Figure 127. Asia Pacific Semiconductor Gases Revenue (Million US\$) and Growth Rate Forecast (2021-2026)

Figure 128. Bottom-up and Top-down Approaches for This Report

Figure 129. Data Triangulation

Figure 130. Key Executives Interviewed



I would like to order

Product name: Global Semiconductor Gases Market Research Report 2020

Product link: https://marketpublishers.com/r/GDBAE6DB7526EN.html

Price: US\$ 2,900.00 (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/GDBAE6DB7526EN.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
	Custumer 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