

# Global High-Purity Ammonia for Semiconductors Supply, Demand and Key Producers, 2024-2030

<https://marketpublishers.com/r/G058418F3F2CEN.html>

Date: March 2024

Pages: 124

Price: US\$ 4,480.00 (Single User License)

ID: G058418F3F2CEN

## Abstracts

The global High-Purity Ammonia for Semiconductors market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

High-Purity Ammonia for Semiconductors is a specialized grade of ammonia gas that has a purity of over 99.999% and is prepared through specialized manufacturing processes such as chemical vapor deposition (CVD) and physical vapor deposition (PVD). It is an essential material in the semiconductor industry because of its ability to remove impurities, such as native oxides, from silicon surfaces during the fabrication process.

This report studies the global High-Purity Ammonia for Semiconductors production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High-Purity Ammonia for Semiconductors, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of High-Purity Ammonia for Semiconductors that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global High-Purity Ammonia for Semiconductors total production and demand, 2019-2030, (Tons)

Global High-Purity Ammonia for Semiconductors total production value, 2019-2030,

(USD Million)

Global High-Purity Ammonia for Semiconductors production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global High-Purity Ammonia for Semiconductors consumption by region & country, CAGR, 2019-2030 & (Tons)

U.S. VS China: High-Purity Ammonia for Semiconductors domestic production, consumption, key domestic manufacturers and share

Global High-Purity Ammonia for Semiconductors production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Tons)

Global High-Purity Ammonia for Semiconductors production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global High-Purity Ammonia for Semiconductors production by Application production, value, CAGR, 2019-2030, (USD Million) & (Tons).

This reports profiles key players in the global High-Purity Ammonia for Semiconductors market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Merck, Air Products, Jinhua Gas, Linde, Praxair, Sumitomo Seika Chemical, Haining Indusair Electronics, Showa Denko and Air Liquide, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High-Purity Ammonia for Semiconductors market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the

forecast year.

### Global High-Purity Ammonia for Semiconductors Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global High-Purity Ammonia for Semiconductors Market, Segmentation by Type

5N

6N

7N

### Global High-Purity Ammonia for Semiconductors Market, Segmentation by Application

Consumer Electronics

Industrial Electronics

Automotive Electronics

Others

## Companies Profiled:

Merck

Air Products

Jinhua Gas

Linde

Praxair

Sumitomo Seika Chemical

Haining Indusair Electronics

Showa Denko

Air Liquide

Asia Industrial Gases

## Key Questions Answered

1. How big is the global High-Purity Ammonia for Semiconductors market?
2. What is the demand of the global High-Purity Ammonia for Semiconductors market?
3. What is the year over year growth of the global High-Purity Ammonia for Semiconductors market?
4. What is the production and production value of the global High-Purity Ammonia for Semiconductors market?
5. Who are the key producers in the global High-Purity Ammonia for Semiconductors market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 High-Purity Ammonia for Semiconductors Introduction
- 1.2 World High-Purity Ammonia for Semiconductors Supply & Forecast
  - 1.2.1 World High-Purity Ammonia for Semiconductors Production Value (2019 & 2023 & 2030)
  - 1.2.2 World High-Purity Ammonia for Semiconductors Production (2019-2030)
  - 1.2.3 World High-Purity Ammonia for Semiconductors Pricing Trends (2019-2030)
- 1.3 World High-Purity Ammonia for Semiconductors Production by Region (Based on Production Site)
  - 1.3.1 World High-Purity Ammonia for Semiconductors Production Value by Region (2019-2030)
  - 1.3.2 World High-Purity Ammonia for Semiconductors Production by Region (2019-2030)
  - 1.3.3 World High-Purity Ammonia for Semiconductors Average Price by Region (2019-2030)
  - 1.3.4 North America High-Purity Ammonia for Semiconductors Production (2019-2030)
  - 1.3.5 Europe High-Purity Ammonia for Semiconductors Production (2019-2030)
  - 1.3.6 China High-Purity Ammonia for Semiconductors Production (2019-2030)
  - 1.3.7 Japan High-Purity Ammonia for Semiconductors Production (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 High-Purity Ammonia for Semiconductors Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 High-Purity Ammonia for Semiconductors Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World High-Purity Ammonia for Semiconductors Demand (2019-2030)
- 2.2 World High-Purity Ammonia for Semiconductors Consumption by Region
  - 2.2.1 World High-Purity Ammonia for Semiconductors Consumption by Region (2019-2024)
  - 2.2.2 World High-Purity Ammonia for Semiconductors Consumption Forecast by Region (2025-2030)
- 2.3 United States High-Purity Ammonia for Semiconductors Consumption (2019-2030)
- 2.4 China High-Purity Ammonia for Semiconductors Consumption (2019-2030)
- 2.5 Europe High-Purity Ammonia for Semiconductors Consumption (2019-2030)
- 2.6 Japan High-Purity Ammonia for Semiconductors Consumption (2019-2030)

- 2.7 South Korea High-Purity Ammonia for Semiconductors Consumption (2019-2030)
- 2.8 ASEAN High-Purity Ammonia for Semiconductors Consumption (2019-2030)
- 2.9 India High-Purity Ammonia for Semiconductors Consumption (2019-2030)

### **3 WORLD HIGH-PURITY AMMONIA FOR SEMICONDUCTORS MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World High-Purity Ammonia for Semiconductors Production Value by Manufacturer (2019-2024)
- 3.2 World High-Purity Ammonia for Semiconductors Production by Manufacturer (2019-2024)
- 3.3 World High-Purity Ammonia for Semiconductors Average Price by Manufacturer (2019-2024)
- 3.4 High-Purity Ammonia for Semiconductors Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global High-Purity Ammonia for Semiconductors Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for High-Purity Ammonia for Semiconductors in 2023
  - 3.5.3 Global Concentration Ratios (CR8) for High-Purity Ammonia for Semiconductors in 2023
- 3.6 High-Purity Ammonia for Semiconductors Market: Overall Company Footprint Analysis
  - 3.6.1 High-Purity Ammonia for Semiconductors Market: Region Footprint
  - 3.6.2 High-Purity Ammonia for Semiconductors Market: Company Product Type Footprint
  - 3.6.3 High-Purity Ammonia for Semiconductors Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: High-Purity Ammonia for Semiconductors Production Value Comparison

4.1.1 United States VS China: High-Purity Ammonia for Semiconductors Production Value Comparison (2019 & 2023 & 2030)

4.1.2 United States VS China: High-Purity Ammonia for Semiconductors Production Value Market Share Comparison (2019 & 2023 & 2030)

4.2 United States VS China: High-Purity Ammonia for Semiconductors Production Comparison

4.2.1 United States VS China: High-Purity Ammonia for Semiconductors Production Comparison (2019 & 2023 & 2030)

4.2.2 United States VS China: High-Purity Ammonia for Semiconductors Production Market Share Comparison (2019 & 2023 & 2030)

4.3 United States VS China: High-Purity Ammonia for Semiconductors Consumption Comparison

4.3.1 United States VS China: High-Purity Ammonia for Semiconductors Consumption Comparison (2019 & 2023 & 2030)

4.3.2 United States VS China: High-Purity Ammonia for Semiconductors Consumption Market Share Comparison (2019 & 2023 & 2030)

4.4 United States Based High-Purity Ammonia for Semiconductors Manufacturers and Market Share, 2019-2024

4.4.1 United States Based High-Purity Ammonia for Semiconductors Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers High-Purity Ammonia for Semiconductors Production Value (2019-2024)

4.4.3 United States Based Manufacturers High-Purity Ammonia for Semiconductors Production (2019-2024)

4.5 China Based High-Purity Ammonia for Semiconductors Manufacturers and Market Share

4.5.1 China Based High-Purity Ammonia for Semiconductors Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers High-Purity Ammonia for Semiconductors Production Value (2019-2024)

4.5.3 China Based Manufacturers High-Purity Ammonia for Semiconductors Production (2019-2024)

4.6 Rest of World Based High-Purity Ammonia for Semiconductors Manufacturers and Market Share, 2019-2024

4.6.1 Rest of World Based High-Purity Ammonia for Semiconductors Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers High-Purity Ammonia for Semiconductors Production Value (2019-2024)

4.6.3 Rest of World Based Manufacturers High-Purity Ammonia for Semiconductors



Production (2019-2024)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World High-Purity Ammonia for Semiconductors Market Size Overview by Type:  
2019 VS 2023 VS 2030

5.2 Segment Introduction by Type

5.2.1 5N

5.2.2 6N

5.2.3 7N

5.3 Market Segment by Type

5.3.1 World High-Purity Ammonia for Semiconductors Production by Type (2019-2030)

5.3.2 World High-Purity Ammonia for Semiconductors Production Value by Type  
(2019-2030)

5.3.3 World High-Purity Ammonia for Semiconductors Average Price by Type  
(2019-2030)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World High-Purity Ammonia for Semiconductors Market Size Overview by  
Application: 2019 VS 2023 VS 2030

6.2 Segment Introduction by Application

6.2.1 Consumer Electronics

6.2.2 Industrial Electronics

6.2.3 Automotive Electronics

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World High-Purity Ammonia for Semiconductors Production by Application  
(2019-2030)

6.3.2 World High-Purity Ammonia for Semiconductors Production Value by Application  
(2019-2030)

6.3.3 World High-Purity Ammonia for Semiconductors Average Price by Application  
(2019-2030)

## **7 COMPANY PROFILES**

7.1 Merck

7.1.1 Merck Details

7.1.2 Merck Major Business



- 7.1.3 Merck High-Purity Ammonia for Semiconductors Product and Services
- 7.1.4 Merck High-Purity Ammonia for Semiconductors Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.1.5 Merck Recent Developments/Updates
- 7.1.6 Merck Competitive Strengths & Weaknesses
- 7.2 Air Products
  - 7.2.1 Air Products Details
  - 7.2.2 Air Products Major Business
  - 7.2.3 Air Products High-Purity Ammonia for Semiconductors Product and Services
  - 7.2.4 Air Products High-Purity Ammonia for Semiconductors Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.2.5 Air Products Recent Developments/Updates
  - 7.2.6 Air Products Competitive Strengths & Weaknesses
- 7.3 Jinhua Gas
  - 7.3.1 Jinhua Gas Details
  - 7.3.2 Jinhua Gas Major Business
  - 7.3.3 Jinhua Gas High-Purity Ammonia for Semiconductors Product and Services
  - 7.3.4 Jinhua Gas High-Purity Ammonia for Semiconductors Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.3.5 Jinhua Gas Recent Developments/Updates
  - 7.3.6 Jinhua Gas Competitive Strengths & Weaknesses
- 7.4 Linde
  - 7.4.1 Linde Details
  - 7.4.2 Linde Major Business
  - 7.4.3 Linde High-Purity Ammonia for Semiconductors Product and Services
  - 7.4.4 Linde High-Purity Ammonia for Semiconductors Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.4.5 Linde Recent Developments/Updates
  - 7.4.6 Linde Competitive Strengths & Weaknesses
- 7.5 Praxair
  - 7.5.1 Praxair Details
  - 7.5.2 Praxair Major Business
  - 7.5.3 Praxair High-Purity Ammonia for Semiconductors Product and Services
  - 7.5.4 Praxair High-Purity Ammonia for Semiconductors Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.5.5 Praxair Recent Developments/Updates
  - 7.5.6 Praxair Competitive Strengths & Weaknesses
- 7.6 Sumitomo Seika Chemical
  - 7.6.1 Sumitomo Seika Chemical Details

- 7.6.2 Sumitomo Seika Chemical Major Business
- 7.6.3 Sumitomo Seika Chemical High-Purity Ammonia for Semiconductors Product and Services
- 7.6.4 Sumitomo Seika Chemical High-Purity Ammonia for Semiconductors Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.6.5 Sumitomo Seika Chemical Recent Developments/Updates
- 7.6.6 Sumitomo Seika Chemical Competitive Strengths & Weaknesses
- 7.7 Haining Indusair Electronics
  - 7.7.1 Haining Indusair Electronics Details
  - 7.7.2 Haining Indusair Electronics Major Business
  - 7.7.3 Haining Indusair Electronics High-Purity Ammonia for Semiconductors Product and Services
  - 7.7.4 Haining Indusair Electronics High-Purity Ammonia for Semiconductors Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.7.5 Haining Indusair Electronics Recent Developments/Updates
  - 7.7.6 Haining Indusair Electronics Competitive Strengths & Weaknesses
- 7.8 Showa Denko
  - 7.8.1 Showa Denko Details
  - 7.8.2 Showa Denko Major Business
  - 7.8.3 Showa Denko High-Purity Ammonia for Semiconductors Product and Services
  - 7.8.4 Showa Denko High-Purity Ammonia for Semiconductors Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.8.5 Showa Denko Recent Developments/Updates
  - 7.8.6 Showa Denko Competitive Strengths & Weaknesses
- 7.9 Air Liquide
  - 7.9.1 Air Liquide Details
  - 7.9.2 Air Liquide Major Business
  - 7.9.3 Air Liquide High-Purity Ammonia for Semiconductors Product and Services
  - 7.9.4 Air Liquide High-Purity Ammonia for Semiconductors Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.9.5 Air Liquide Recent Developments/Updates
  - 7.9.6 Air Liquide Competitive Strengths & Weaknesses
- 7.10 Asia Industrial Gases
  - 7.10.1 Asia Industrial Gases Details
  - 7.10.2 Asia Industrial Gases Major Business
  - 7.10.3 Asia Industrial Gases High-Purity Ammonia for Semiconductors Product and Services
  - 7.10.4 Asia Industrial Gases High-Purity Ammonia for Semiconductors Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.10.5 Asia Industrial Gases Recent Developments/Updates

7.10.6 Asia Industrial Gases Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 High-Purity Ammonia for Semiconductors Industry Chain

8.2 High-Purity Ammonia for Semiconductors Upstream Analysis

8.2.1 High-Purity Ammonia for Semiconductors Core Raw Materials

8.2.2 Main Manufacturers of High-Purity Ammonia for Semiconductors Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 High-Purity Ammonia for Semiconductors Production Mode

8.6 High-Purity Ammonia for Semiconductors Procurement Model

8.7 High-Purity Ammonia for Semiconductors Industry Sales Model and Sales Channels

8.7.1 High-Purity Ammonia for Semiconductors Sales Model

8.7.2 High-Purity Ammonia for Semiconductors Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World High-Purity Ammonia for Semiconductors Production Value by Region (2019, 2023 and 2030) & (USD Million)

Table 2. World High-Purity Ammonia for Semiconductors Production Value by Region (2019-2024) & (USD Million)

Table 3. World High-Purity Ammonia for Semiconductors Production Value by Region (2025-2030) & (USD Million)

Table 4. World High-Purity Ammonia for Semiconductors Production Value Market Share by Region (2019-2024)

Table 5. World High-Purity Ammonia for Semiconductors Production Value Market Share by Region (2025-2030)

Table 6. World High-Purity Ammonia for Semiconductors Production by Region (2019-2024) & (Tons)

Table 7. World High-Purity Ammonia for Semiconductors Production by Region (2025-2030) & (Tons)

Table 8. World High-Purity Ammonia for Semiconductors Production Market Share by Region (2019-2024)

Table 9. World High-Purity Ammonia for Semiconductors Production Market Share by Region (2025-2030)

Table 10. World High-Purity Ammonia for Semiconductors Average Price by Region (2019-2024) & (US\$/Ton)

Table 11. World High-Purity Ammonia for Semiconductors Average Price by Region (2025-2030) & (US\$/Ton)

Table 12. High-Purity Ammonia for Semiconductors Major Market Trends

Table 13. World High-Purity Ammonia for Semiconductors Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (Tons)

Table 14. World High-Purity Ammonia for Semiconductors Consumption by Region (2019-2024) & (Tons)

Table 15. World High-Purity Ammonia for Semiconductors Consumption Forecast by Region (2025-2030) & (Tons)

Table 16. World High-Purity Ammonia for Semiconductors Production Value by Manufacturer (2019-2024) & (USD Million)

Table 17. Production Value Market Share of Key High-Purity Ammonia for Semiconductors Producers in 2023

Table 18. World High-Purity Ammonia for Semiconductors Production by Manufacturer (2019-2024) & (Tons)

Table 19. Production Market Share of Key High-Purity Ammonia for Semiconductors Producers in 2023

Table 20. World High-Purity Ammonia for Semiconductors Average Price by Manufacturer (2019-2024) & (US\$/Ton)

Table 21. Global High-Purity Ammonia for Semiconductors Company Evaluation Quadrant

Table 22. World High-Purity Ammonia for Semiconductors Industry Rank of Major Manufacturers, Based on Production Value in 2023

Table 23. Head Office and High-Purity Ammonia for Semiconductors Production Site of Key Manufacturer

Table 24. High-Purity Ammonia for Semiconductors Market: Company Product Type Footprint

Table 25. High-Purity Ammonia for Semiconductors Market: Company Product Application Footprint

Table 26. High-Purity Ammonia for Semiconductors Competitive Factors

Table 27. High-Purity Ammonia for Semiconductors New Entrant and Capacity Expansion Plans

Table 28. High-Purity Ammonia for Semiconductors Mergers & Acquisitions Activity

Table 29. United States VS China High-Purity Ammonia for Semiconductors Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 30. United States VS China High-Purity Ammonia for Semiconductors Production Comparison, (2019 & 2023 & 2030) & (Tons)

Table 31. United States VS China High-Purity Ammonia for Semiconductors Consumption Comparison, (2019 & 2023 & 2030) & (Tons)

Table 32. United States Based High-Purity Ammonia for Semiconductors Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers High-Purity Ammonia for Semiconductors Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers High-Purity Ammonia for Semiconductors Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers High-Purity Ammonia for Semiconductors Production (2019-2024) & (Tons)

Table 36. United States Based Manufacturers High-Purity Ammonia for Semiconductors Production Market Share (2019-2024)

Table 37. China Based High-Purity Ammonia for Semiconductors Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers High-Purity Ammonia for Semiconductors Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers High-Purity Ammonia for Semiconductors

Production Value Market Share (2019-2024)

Table 40. China Based Manufacturers High-Purity Ammonia for Semiconductors Production (2019-2024) & (Tons)

Table 41. China Based Manufacturers High-Purity Ammonia for Semiconductors Production Market Share (2019-2024)

Table 42. Rest of World Based High-Purity Ammonia for Semiconductors Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers High-Purity Ammonia for Semiconductors Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers High-Purity Ammonia for Semiconductors Production Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers High-Purity Ammonia for Semiconductors Production (2019-2024) & (Tons)

Table 46. Rest of World Based Manufacturers High-Purity Ammonia for Semiconductors Production Market Share (2019-2024)

Table 47. World High-Purity Ammonia for Semiconductors Production Value by Type, (USD Million), 2019 & 2023 & 2030

Table 48. World High-Purity Ammonia for Semiconductors Production by Type (2019-2024) & (Tons)

Table 49. World High-Purity Ammonia for Semiconductors Production by Type (2025-2030) & (Tons)

Table 50. World High-Purity Ammonia for Semiconductors Production Value by Type (2019-2024) & (USD Million)

Table 51. World High-Purity Ammonia for Semiconductors Production Value by Type (2025-2030) & (USD Million)

Table 52. World High-Purity Ammonia for Semiconductors Average Price by Type (2019-2024) & (US\$/Ton)

Table 53. World High-Purity Ammonia for Semiconductors Average Price by Type (2025-2030) & (US\$/Ton)

Table 54. World High-Purity Ammonia for Semiconductors Production Value by Application, (USD Million), 2019 & 2023 & 2030

Table 55. World High-Purity Ammonia for Semiconductors Production by Application (2019-2024) & (Tons)

Table 56. World High-Purity Ammonia for Semiconductors Production by Application (2025-2030) & (Tons)

Table 57. World High-Purity Ammonia for Semiconductors Production Value by Application (2019-2024) & (USD Million)

Table 58. World High-Purity Ammonia for Semiconductors Production Value by Application (2025-2030) & (USD Million)



Table 59. World High-Purity Ammonia for Semiconductors Average Price by Application (2019-2024) & (US\$/Ton)

Table 60. World High-Purity Ammonia for Semiconductors Average Price by Application (2025-2030) & (US\$/Ton)

Table 61. Merck Basic Information, Manufacturing Base and Competitors

Table 62. Merck Major Business

Table 63. Merck High-Purity Ammonia for Semiconductors Product and Services

Table 64. Merck High-Purity Ammonia for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 65. Merck Recent Developments/Updates

Table 66. Merck Competitive Strengths & Weaknesses

Table 67. Air Products Basic Information, Manufacturing Base and Competitors

Table 68. Air Products Major Business

Table 69. Air Products High-Purity Ammonia for Semiconductors Product and Services

Table 70. Air Products High-Purity Ammonia for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 71. Air Products Recent Developments/Updates

Table 72. Air Products Competitive Strengths & Weaknesses

Table 73. Jinhua Gas Basic Information, Manufacturing Base and Competitors

Table 74. Jinhua Gas Major Business

Table 75. Jinhua Gas High-Purity Ammonia for Semiconductors Product and Services

Table 76. Jinhua Gas High-Purity Ammonia for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Jinhua Gas Recent Developments/Updates

Table 78. Jinhua Gas Competitive Strengths & Weaknesses

Table 79. Linde Basic Information, Manufacturing Base and Competitors

Table 80. Linde Major Business

Table 81. Linde High-Purity Ammonia for Semiconductors Product and Services

Table 82. Linde High-Purity Ammonia for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 83. Linde Recent Developments/Updates

Table 84. Linde Competitive Strengths & Weaknesses

Table 85. Praxair Basic Information, Manufacturing Base and Competitors

Table 86. Praxair Major Business

Table 87. Praxair High-Purity Ammonia for Semiconductors Product and Services



Table 88. Praxair High-Purity Ammonia for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 89. Praxair Recent Developments/Updates

Table 90. Praxair Competitive Strengths & Weaknesses

Table 91. Sumitomo Seika Chemical Basic Information, Manufacturing Base and Competitors

Table 92. Sumitomo Seika Chemical Major Business

Table 93. Sumitomo Seika Chemical High-Purity Ammonia for Semiconductors Product and Services

Table 94. Sumitomo Seika Chemical High-Purity Ammonia for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 95. Sumitomo Seika Chemical Recent Developments/Updates

Table 96. Sumitomo Seika Chemical Competitive Strengths & Weaknesses

Table 97. Haining Indusair Electronics Basic Information, Manufacturing Base and Competitors

Table 98. Haining Indusair Electronics Major Business

Table 99. Haining Indusair Electronics High-Purity Ammonia for Semiconductors Product and Services

Table 100. Haining Indusair Electronics High-Purity Ammonia for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 101. Haining Indusair Electronics Recent Developments/Updates

Table 102. Haining Indusair Electronics Competitive Strengths & Weaknesses

Table 103. Showa Denko Basic Information, Manufacturing Base and Competitors

Table 104. Showa Denko Major Business

Table 105. Showa Denko High-Purity Ammonia for Semiconductors Product and Services

Table 106. Showa Denko High-Purity Ammonia for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 107. Showa Denko Recent Developments/Updates

Table 108. Showa Denko Competitive Strengths & Weaknesses

Table 109. Air Liquide Basic Information, Manufacturing Base and Competitors

Table 110. Air Liquide Major Business

Table 111. Air Liquide High-Purity Ammonia for Semiconductors Product and Services

Table 112. Air Liquide High-Purity Ammonia for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share

(2019-2024)

Table 113. Air Liquide Recent Developments/Updates

Table 114. Asia Industrial Gases Basic Information, Manufacturing Base and Competitors

Table 115. Asia Industrial Gases Major Business

Table 116. Asia Industrial Gases High-Purity Ammonia for Semiconductors Product and Services

Table 117. Asia Industrial Gases High-Purity Ammonia for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 118. Global Key Players of High-Purity Ammonia for Semiconductors Upstream (Raw Materials)

Table 119. High-Purity Ammonia for Semiconductors Typical Customers

Table 120. High-Purity Ammonia for Semiconductors Typical Distributors

List of Figure

Figure 1. High-Purity Ammonia for Semiconductors Picture

Figure 2. World High-Purity Ammonia for Semiconductors Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World High-Purity Ammonia for Semiconductors Production Value and Forecast (2019-2030) & (USD Million)

Figure 4. World High-Purity Ammonia for Semiconductors Production (2019-2030) & (Tons)

Figure 5. World High-Purity Ammonia for Semiconductors Average Price (2019-2030) & (US\$/Ton)

Figure 6. World High-Purity Ammonia for Semiconductors Production Value Market Share by Region (2019-2030)

Figure 7. World High-Purity Ammonia for Semiconductors Production Market Share by Region (2019-2030)

Figure 8. North America High-Purity Ammonia for Semiconductors Production (2019-2030) & (Tons)

Figure 9. Europe High-Purity Ammonia for Semiconductors Production (2019-2030) & (Tons)

Figure 10. China High-Purity Ammonia for Semiconductors Production (2019-2030) & (Tons)

Figure 11. Japan High-Purity Ammonia for Semiconductors Production (2019-2030) & (Tons)

Figure 12. High-Purity Ammonia for Semiconductors Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World High-Purity Ammonia for Semiconductors Consumption (2019-2030) &

(Tons)

Figure 15. World High-Purity Ammonia for Semiconductors Consumption Market Share by Region (2019-2030)

Figure 16. United States High-Purity Ammonia for Semiconductors Consumption (2019-2030) & (Tons)

Figure 17. China High-Purity Ammonia for Semiconductors Consumption (2019-2030) & (Tons)

Figure 18. Europe High-Purity Ammonia for Semiconductors Consumption (2019-2030) & (Tons)

Figure 19. Japan High-Purity Ammonia for Semiconductors Consumption (2019-2030) & (Tons)

Figure 20. South Korea High-Purity Ammonia for Semiconductors Consumption (2019-2030) & (Tons)

Figure 21. ASEAN High-Purity Ammonia for Semiconductors Consumption (2019-2030) & (Tons)

Figure 22. India High-Purity Ammonia for Semiconductors Consumption (2019-2030) & (Tons)

Figure 23. Producer Shipments of High-Purity Ammonia for Semiconductors by Manufacturer Revenue (\$MM) and Market Share (%): 2023

Figure 24. Global Four-firm Concentration Ratios (CR4) for High-Purity Ammonia for Semiconductors Markets in 2023

Figure 25. Global Four-firm Concentration Ratios (CR8) for High-Purity Ammonia for Semiconductors Markets in 2023

Figure 26. United States VS China: High-Purity Ammonia for Semiconductors Production Value Market Share Comparison (2019 & 2023 & 2030)

Figure 27. United States VS China: High-Purity Ammonia for Semiconductors Production Market Share Comparison (2019 & 2023 & 2030)

Figure 28. United States VS China: High-Purity Ammonia for Semiconductors Consumption Market Share Comparison (2019 & 2023 & 2030)

Figure 29. United States Based Manufacturers High-Purity Ammonia for Semiconductors Production Market Share 2023

Figure 30. China Based Manufacturers High-Purity Ammonia for Semiconductors Production Market Share 2023

Figure 31. Rest of World Based Manufacturers High-Purity Ammonia for Semiconductors Production Market Share 2023

Figure 32. World High-Purity Ammonia for Semiconductors Production Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 33. World High-Purity Ammonia for Semiconductors Production Value Market Share by Type in 2023

Figure 34. 5N

Figure 35. 6N

Figure 36. 7N

Figure 37. World High-Purity Ammonia for Semiconductors Production Market Share by Type (2019-2030)

Figure 38. World High-Purity Ammonia for Semiconductors Production Value Market Share by Type (2019-2030)

Figure 39. World High-Purity Ammonia for Semiconductors Average Price by Type (2019-2030) & (US\$/Ton)

Figure 40. World High-Purity Ammonia for Semiconductors Production Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 41. World High-Purity Ammonia for Semiconductors Production Value Market Share by Application in 2023

Figure 42. Consumer Electronics

Figure 43. Industrial Electronics

Figure 44. Automotive Electronics

Figure 45. Others

Figure 46. World High-Purity Ammonia for Semiconductors Production Market Share by Application (2019-2030)

Figure 47. World High-Purity Ammonia for Semiconductors Production Value Market Share by Application (2019-2030)

Figure 48. World High-Purity Ammonia for Semiconductors Average Price by Application (2019-2030) & (US\$/Ton)

Figure 49. High-Purity Ammonia for Semiconductors Industry Chain

Figure 50. High-Purity Ammonia for Semiconductors Procurement Model

Figure 51. High-Purity Ammonia for Semiconductors Sales Model

Figure 52. High-Purity Ammonia for Semiconductors Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

## I would like to order

Product name: Global High-Purity Ammonia for Semiconductors Supply, Demand and Key Producers, 2024-2030

Product link: <https://marketpublishers.com/r/G058418F3F2CEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

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

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G058418F3F2CEN.html>

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

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

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

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

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

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

