

Global High Purity Phosphine (PH3) for Semiconductors Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/G3050B2129F7EN.html

Date: September 2023 Pages: 103 Price: US\$ 4,480.00 (Single User License) ID: G3050B2129F7EN

Abstracts

The global High Purity Phosphine (PH3) for Semiconductors market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global High Purity Phosphine (PH3) for Semiconductors production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High Purity Phosphine (PH3) for Semiconductors, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of High Purity Phosphine (PH3) for Semiconductors that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global High Purity Phosphine (PH3) for Semiconductors total production and demand, 2018-2029, (Tons)

Global High Purity Phosphine (PH3) for Semiconductors total production value, 2018-2029, (USD Million)

Global High Purity Phosphine (PH3) for Semiconductors production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)



Global High Purity Phosphine (PH3) for Semiconductors consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: High Purity Phosphine (PH3) for Semiconductors domestic production, consumption, key domestic manufacturers and share

Global High Purity Phosphine (PH3) for Semiconductors production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global High Purity Phosphine (PH3) for Semiconductors production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global High Purity Phosphine (PH3) for Semiconductors production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global High Purity Phosphine (PH3) 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 Entegris, Linde, Merck Group, Taiyo Nippon Sanso, Solvay, Jiangsu Nata Opto-electronic Material and Shanghai GenTech, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High Purity Phosphine (PH3) 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global High Purity Phosphine (PH3) for Semiconductors Market, By Region:

United States

Global High Purity Phosphine (PH3) for Semiconductors Supply, Demand and Key Producers, 2023-2029



China Europe Japan South Korea ASEAN India Rest of World

Global High Purity Phosphine (PH3) for Semiconductors Market, Segmentation by Type

5N

6N

Global High Purity Phosphine (PH3) for Semiconductors Market, Segmentation by Application

Semiconductor Etching

Semiconductor Manufacturing Equipment Cleaning

Companies Profiled:

Entegris

Linde

Merck Group



Taiyo Nippon Sanso

Solvay

Jiangsu Nata Opto-electronic Material

Shanghai GenTech

Key Questions Answered

1. How big is the global High Purity Phosphine (PH3) for Semiconductors market?

2. What is the demand of the global High Purity Phosphine (PH3) for Semiconductors market?

3. What is the year over year growth of the global High Purity Phosphine (PH3) for Semiconductors market?

4. What is the production and production value of the global High Purity Phosphine (PH3) for Semiconductors market?

5. Who are the key producers in the global High Purity Phosphine (PH3) for Semiconductors market?

6. What are the growth factors driving the market demand?



Contents

1 SUPPLY SUMMARY

1.1 High Purity Phosphine (PH3) for Semiconductors Introduction

1.2 World High Purity Phosphine (PH3) for Semiconductors Supply & Forecast

1.2.1 World High Purity Phosphine (PH3) for Semiconductors Production Value (2018 & 2022 & 2029)

1.2.2 World High Purity Phosphine (PH3) for Semiconductors Production (2018-2029)

1.2.3 World High Purity Phosphine (PH3) for Semiconductors Pricing Trends (2018-2029)

1.3 World High Purity Phosphine (PH3) for Semiconductors Production by Region (Based on Production Site)

1.3.1 World High Purity Phosphine (PH3) for Semiconductors Production Value by Region (2018-2029)

1.3.2 World High Purity Phosphine (PH3) for Semiconductors Production by Region (2018-2029)

1.3.3 World High Purity Phosphine (PH3) for Semiconductors Average Price by Region (2018-2029)

1.3.4 North America High Purity Phosphine (PH3) for Semiconductors Production (2018-2029)

1.3.5 Europe High Purity Phosphine (PH3) for Semiconductors Production (2018-2029)

1.3.6 China High Purity Phosphine (PH3) for Semiconductors Production (2018-2029)

1.3.7 Japan High Purity Phosphine (PH3) for Semiconductors Production (2018-2029)

1.3.8 South Korea High Purity Phosphine (PH3) for Semiconductors Production (2018-2029)

1.4 Market Drivers, Restraints and Trends

1.4.1 High Purity Phosphine (PH3) for Semiconductors Market Drivers

- 1.4.2 Factors Affecting Demand
- 1.4.3 High Purity Phosphine (PH3) for Semiconductors Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
- 1.5.1 Influence of COVID-19
- 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

2.1 World High Purity Phosphine (PH3) for Semiconductors Demand (2018-2029)2.2 World High Purity Phosphine (PH3) for Semiconductors Consumption by Region



2.2.1 World High Purity Phosphine (PH3) for Semiconductors Consumption by Region (2018-2023)

2.2.2 World High Purity Phosphine (PH3) for Semiconductors Consumption Forecast by Region (2024-2029)

2.3 United States High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029)

2.4 China High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029)

2.5 Europe High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029)

2.6 Japan High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029)

2.7 South Korea High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029)

2.8 ASEAN High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029)2.9 India High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029)

3 WORLD HIGH PURITY PHOSPHINE (PH3) FOR SEMICONDUCTORS MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World High Purity Phosphine (PH3) for Semiconductors Production Value by Manufacturer (2018-2023)

3.2 World High Purity Phosphine (PH3) for Semiconductors Production by Manufacturer (2018-2023)

3.3 World High Purity Phosphine (PH3) for Semiconductors Average Price by Manufacturer (2018-2023)

3.4 High Purity Phosphine (PH3) for Semiconductors Company Evaluation Quadrant3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global High Purity Phosphine (PH3) for Semiconductors Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for High Purity Phosphine (PH3) for Semiconductors in 2022

3.5.3 Global Concentration Ratios (CR8) for High Purity Phosphine (PH3) for Semiconductors in 2022

3.6 High Purity Phosphine (PH3) for Semiconductors Market: Overall Company Footprint Analysis

3.6.1 High Purity Phosphine (PH3) for Semiconductors Market: Region Footprint 3.6.2 High Purity Phosphine (PH3) for Semiconductors Market: Company Product Type Footprint

3.6.3 High Purity Phosphine (PH3) 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 Phosphine (PH3) for Semiconductors Production Value Comparison

4.1.1 United States VS China: High Purity Phosphine (PH3) for Semiconductors Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: High Purity Phosphine (PH3) for Semiconductors Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: High Purity Phosphine (PH3) for Semiconductors Production Comparison

4.2.1 United States VS China: High Purity Phosphine (PH3) for Semiconductors Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: High Purity Phosphine (PH3) for Semiconductors Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: High Purity Phosphine (PH3) for Semiconductors Consumption Comparison

4.3.1 United States VS China: High Purity Phosphine (PH3) for Semiconductors Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: High Purity Phosphine (PH3) for Semiconductors Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based High Purity Phosphine (PH3) for Semiconductors Manufacturers and Market Share, 2018-2023

4.4.1 United States Based High Purity Phosphine (PH3) for Semiconductors Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Value (2018-2023)

4.4.3 United States Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production (2018-2023)

4.5 China Based High Purity Phosphine (PH3) for Semiconductors Manufacturers and Market Share

4.5.1 China Based High Purity Phosphine (PH3) for Semiconductors Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers High Purity Phosphine (PH3) for Semiconductors



Production Value (2018-2023)

4.5.3 China Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production (2018-2023)

4.6 Rest of World Based High Purity Phosphine (PH3) for Semiconductors Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based High Purity Phosphine (PH3) for Semiconductors Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World High Purity Phosphine (PH3) for Semiconductors Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 5N

5.2.2 6N

5.3 Market Segment by Type

5.3.1 World High Purity Phosphine (PH3) for Semiconductors Production by Type (2018-2029)

5.3.2 World High Purity Phosphine (PH3) for Semiconductors Production Value by Type (2018-2029)

5.3.3 World High Purity Phosphine (PH3) for Semiconductors Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World High Purity Phosphine (PH3) for Semiconductors Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Semiconductor Etching

6.2.2 Semiconductor Manufacturing Equipment Cleaning

6.3 Market Segment by Application

6.3.1 World High Purity Phosphine (PH3) for Semiconductors Production by Application (2018-2029)

6.3.2 World High Purity Phosphine (PH3) for Semiconductors Production Value by Application (2018-2029)



6.3.3 World High Purity Phosphine (PH3) for Semiconductors Average Price by Application (2018-2029)

7 COMPANY PROFILES

- 7.1 Entegris
 - 7.1.1 Entegris Details
 - 7.1.2 Entegris Major Business
 - 7.1.3 Entegris High Purity Phosphine (PH3) for Semiconductors Product and Services
- 7.1.4 Entegris High Purity Phosphine (PH3) for Semiconductors Production, Price,
- Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 Entegris Recent Developments/Updates
- 7.1.6 Entegris Competitive Strengths & Weaknesses

7.2 Linde

- 7.2.1 Linde Details
- 7.2.2 Linde Major Business
- 7.2.3 Linde High Purity Phosphine (PH3) for Semiconductors Product and Services
- 7.2.4 Linde High Purity Phosphine (PH3) for Semiconductors Production, Price, Value,

Gross Margin and Market Share (2018-2023)

- 7.2.5 Linde Recent Developments/Updates
- 7.2.6 Linde Competitive Strengths & Weaknesses
- 7.3 Merck Group
- 7.3.1 Merck Group Details
- 7.3.2 Merck Group Major Business
- 7.3.3 Merck Group High Purity Phosphine (PH3) for Semiconductors Product and Services

7.3.4 Merck Group High Purity Phosphine (PH3) for Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.3.5 Merck Group Recent Developments/Updates
- 7.3.6 Merck Group Competitive Strengths & Weaknesses

7.4 Taiyo Nippon Sanso

- 7.4.1 Taiyo Nippon Sanso Details
- 7.4.2 Taiyo Nippon Sanso Major Business
- 7.4.3 Taiyo Nippon Sanso High Purity Phosphine (PH3) for Semiconductors Product and Services
- 7.4.4 Taiyo Nippon Sanso High Purity Phosphine (PH3) for Semiconductors

Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.4.5 Taiyo Nippon Sanso Recent Developments/Updates
- 7.4.6 Taiyo Nippon Sanso Competitive Strengths & Weaknesses



7.5 Solvay

7.5.1 Solvay Details

7.5.2 Solvay Major Business

7.5.3 Solvay High Purity Phosphine (PH3) for Semiconductors Product and Services

7.5.4 Solvay High Purity Phosphine (PH3) for Semiconductors Production, Price,

Value, Gross Margin and Market Share (2018-2023)

7.5.5 Solvay Recent Developments/Updates

7.5.6 Solvay Competitive Strengths & Weaknesses

7.6 Jiangsu Nata Opto-electronic Material

7.6.1 Jiangsu Nata Opto-electronic Material Details

7.6.2 Jiangsu Nata Opto-electronic Material Major Business

7.6.3 Jiangsu Nata Opto-electronic Material High Purity Phosphine (PH3) for Semiconductors Product and Services

7.6.4 Jiangsu Nata Opto-electronic Material High Purity Phosphine (PH3) for Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Jiangsu Nata Opto-electronic Material Recent Developments/Updates

7.6.6 Jiangsu Nata Opto-electronic Material Competitive Strengths & Weaknesses

7.7 Shanghai GenTech

7.7.1 Shanghai GenTech Details

7.7.2 Shanghai GenTech Major Business

7.7.3 Shanghai GenTech High Purity Phosphine (PH3) for Semiconductors Product and Services

7.7.4 Shanghai GenTech High Purity Phosphine (PH3) for Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Shanghai GenTech Recent Developments/Updates

7.7.6 Shanghai GenTech Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 High Purity Phosphine (PH3) for Semiconductors Industry Chain

8.2 High Purity Phosphine (PH3) for Semiconductors Upstream Analysis

8.2.1 High Purity Phosphine (PH3) for Semiconductors Core Raw Materials

8.2.2 Main Manufacturers of High Purity Phosphine (PH3) for Semiconductors Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 High Purity Phosphine (PH3) for Semiconductors Production Mode

8.6 High Purity Phosphine (PH3) for Semiconductors Procurement Model

8.7 High Purity Phosphine (PH3) for Semiconductors Industry Sales Model and Sales



Channels

- 8.7.1 High Purity Phosphine (PH3) for Semiconductors Sales Model
- 8.7.2 High Purity Phosphine (PH3) for Semiconductors Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology10.2 Research Process and Data Source
- 10.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. World High Purity Phosphine (PH3) for Semiconductors Production Value by Region (2018, 2022 and 2029) & (USD Million) Table 2. World High Purity Phosphine (PH3) for Semiconductors Production Value by Region (2018-2023) & (USD Million) Table 3. World High Purity Phosphine (PH3) for Semiconductors Production Value by Region (2024-2029) & (USD Million) Table 4. World High Purity Phosphine (PH3) for Semiconductors Production Value Market Share by Region (2018-2023) Table 5. World High Purity Phosphine (PH3) for Semiconductors Production Value Market Share by Region (2024-2029) Table 6. World High Purity Phosphine (PH3) for Semiconductors Production by Region (2018-2023) & (Tons) Table 7. World High Purity Phosphine (PH3) for Semiconductors Production by Region (2024-2029) & (Tons) Table 8. World High Purity Phosphine (PH3) for Semiconductors Production Market Share by Region (2018-2023) Table 9. World High Purity Phosphine (PH3) for Semiconductors Production Market Share by Region (2024-2029) Table 10. World High Purity Phosphine (PH3) for Semiconductors Average Price by Region (2018-2023) & (US\$/Ton) Table 11. World High Purity Phosphine (PH3) for Semiconductors Average Price by Region (2024-2029) & (US\$/Ton) Table 12. High Purity Phosphine (PH3) for Semiconductors Major Market Trends Table 13. World High Purity Phosphine (PH3) for Semiconductors Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons) Table 14. World High Purity Phosphine (PH3) for Semiconductors Consumption by Region (2018-2023) & (Tons) Table 15. World High Purity Phosphine (PH3) for Semiconductors Consumption Forecast by Region (2024-2029) & (Tons) Table 16. World High Purity Phosphine (PH3) for Semiconductors Production Value by Manufacturer (2018-2023) & (USD Million) Table 17. Production Value Market Share of Key High Purity Phosphine (PH3) for Semiconductors Producers in 2022 Table 18. World High Purity Phosphine (PH3) for Semiconductors Production by Manufacturer (2018-2023) & (Tons)



Table 19. Production Market Share of Key High Purity Phosphine (PH3) for Semiconductors Producers in 2022

Table 20. World High Purity Phosphine (PH3) for Semiconductors Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 21. Global High Purity Phosphine (PH3) for Semiconductors Company Evaluation Quadrant

Table 22. World High Purity Phosphine (PH3) for Semiconductors Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and High Purity Phosphine (PH3) for Semiconductors Production Site of Key Manufacturer

Table 24. High Purity Phosphine (PH3) for Semiconductors Market: Company Product Type Footprint

Table 25. High Purity Phosphine (PH3) for Semiconductors Market: Company Product Application Footprint

Table 26. High Purity Phosphine (PH3) for Semiconductors Competitive Factors Table 27. High Purity Phosphine (PH3) for Semiconductors New Entrant and Capacity Expansion Plans

Table 28. High Purity Phosphine (PH3) for Semiconductors Mergers & AcquisitionsActivity

Table 29. United States VS China High Purity Phosphine (PH3) for Semiconductors Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China High Purity Phosphine (PH3) for Semiconductors Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China High Purity Phosphine (PH3) for Semiconductors Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based High Purity Phosphine (PH3) for SemiconductorsManufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Market Share (2018-2023)

Table 37. China Based High Purity Phosphine (PH3) for Semiconductors

Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Value, (2018-2023) & (USD Million)



Table 39. China Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Market Share (2018-2023)

Table 42. Rest of World Based High Purity Phosphine (PH3) for Semiconductors Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Market Share (2018-2023)

Table 47. World High Purity Phosphine (PH3) for Semiconductors Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World High Purity Phosphine (PH3) for Semiconductors Production by Type (2018-2023) & (Tons)

Table 49. World High Purity Phosphine (PH3) for Semiconductors Production by Type (2024-2029) & (Tons)

Table 50. World High Purity Phosphine (PH3) for Semiconductors Production Value by Type (2018-2023) & (USD Million)

Table 51. World High Purity Phosphine (PH3) for Semiconductors Production Value by Type (2024-2029) & (USD Million)

Table 52. World High Purity Phosphine (PH3) for Semiconductors Average Price by Type (2018-2023) & (US\$/Ton)

Table 53. World High Purity Phosphine (PH3) for Semiconductors Average Price by Type (2024-2029) & (US\$/Ton)

Table 54. World High Purity Phosphine (PH3) for Semiconductors Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World High Purity Phosphine (PH3) for Semiconductors Production by Application (2018-2023) & (Tons)

Table 56. World High Purity Phosphine (PH3) for Semiconductors Production by Application (2024-2029) & (Tons)

Table 57. World High Purity Phosphine (PH3) for Semiconductors Production Value by Application (2018-2023) & (USD Million)

Table 58. World High Purity Phosphine (PH3) for Semiconductors Production Value by



Application (2024-2029) & (USD Million)

Table 59. World High Purity Phosphine (PH3) for Semiconductors Average Price by Application (2018-2023) & (US\$/Ton)

Table 60. World High Purity Phosphine (PH3) for Semiconductors Average Price by Application (2024-2029) & (US\$/Ton)

Table 61. Entegris Basic Information, Manufacturing Base and Competitors

- Table 62. Entegris Major Business
- Table 63. Entegris High Purity Phosphine (PH3) for Semiconductors Product and Services

Table 64. Entegris High Purity Phosphine (PH3) for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Entegris Recent Developments/Updates

Table 66. Entegris Competitive Strengths & Weaknesses

Table 67. Linde Basic Information, Manufacturing Base and Competitors

Table 68. Linde Major Business

Table 69. Linde High Purity Phosphine (PH3) for Semiconductors Product and Services

Table 70. Linde High Purity Phosphine (PH3) for Semiconductors Production (Tons),

Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Linde Recent Developments/Updates

Table 72. Linde Competitive Strengths & Weaknesses

- Table 73. Merck Group Basic Information, Manufacturing Base and Competitors
- Table 74. Merck Group Major Business

Table 75. Merck Group High Purity Phosphine (PH3) for Semiconductors Product and Services

Table 76. Merck Group High Purity Phosphine (PH3) for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Merck Group Recent Developments/Updates

Table 78. Merck Group Competitive Strengths & Weaknesses

Table 79. Taiyo Nippon Sanso Basic Information, Manufacturing Base and Competitors

Table 80. Taiyo Nippon Sanso Major Business

Table 81. Taiyo Nippon Sanso High Purity Phosphine (PH3) for Semiconductors Product and Services

Table 82. Taiyo Nippon Sanso High Purity Phosphine (PH3) for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Taiyo Nippon Sanso Recent Developments/Updates



 Table 84. Taiyo Nippon Sanso Competitive Strengths & Weaknesses

Table 85. Solvay Basic Information, Manufacturing Base and Competitors

Table 86. Solvay Major Business

Table 87. Solvay High Purity Phosphine (PH3) for Semiconductors Product and Services

Table 88. Solvay High Purity Phosphine (PH3) for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Solvay Recent Developments/Updates

Table 90. Solvay Competitive Strengths & Weaknesses

Table 91. Jiangsu Nata Opto-electronic Material Basic Information, Manufacturing Base and Competitors

Table 92. Jiangsu Nata Opto-electronic Material Major Business

Table 93. Jiangsu Nata Opto-electronic Material High Purity Phosphine (PH3) for Semiconductors Product and Services

Table 94. Jiangsu Nata Opto-electronic Material High Purity Phosphine (PH3) for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Jiangsu Nata Opto-electronic Material Recent Developments/Updates

Table 96. Shanghai GenTech Basic Information, Manufacturing Base and Competitors

Table 97. Shanghai GenTech Major Business

Table 98. Shanghai GenTech High Purity Phosphine (PH3) for Semiconductors Product and Services

Table 99. Shanghai GenTech High Purity Phosphine (PH3) for Semiconductors Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 100. Global Key Players of High Purity Phosphine (PH3) for Semiconductors Upstream (Raw Materials)

Table 101. High Purity Phosphine (PH3) for Semiconductors Typical Customers Table 102. High Purity Phosphine (PH3) for Semiconductors Typical Distributors List of Figure

Figure 1. High Purity Phosphine (PH3) for Semiconductors Picture

Figure 2. World High Purity Phosphine (PH3) for Semiconductors Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World High Purity Phosphine (PH3) for Semiconductors Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World High Purity Phosphine (PH3) for Semiconductors Production (2018-2029) & (Tons)

Figure 5. World High Purity Phosphine (PH3) for Semiconductors Average Price



(2018-2029) & (US\$/Ton) Figure 6. World High Purity Phosphine (PH3) for Semiconductors Production Value Market Share by Region (2018-2029) Figure 7. World High Purity Phosphine (PH3) for Semiconductors Production Market Share by Region (2018-2029) Figure 8. North America High Purity Phosphine (PH3) for Semiconductors Production (2018-2029) & (Tons) Figure 9. Europe High Purity Phosphine (PH3) for Semiconductors Production (2018-2029) & (Tons) Figure 10. China High Purity Phosphine (PH3) for Semiconductors Production (2018-2029) & (Tons) Figure 11. Japan High Purity Phosphine (PH3) for Semiconductors Production (2018-2029) & (Tons) Figure 12. South Korea High Purity Phosphine (PH3) for Semiconductors Production (2018-2029) & (Tons) Figure 13. High Purity Phosphine (PH3) for Semiconductors Market Drivers Figure 14. Factors Affecting Demand Figure 15. World High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029) & (Tons) Figure 16. World High Purity Phosphine (PH3) for Semiconductors Consumption Market Share by Region (2018-2029) Figure 17. United States High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029) & (Tons) Figure 18. China High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029) & (Tons) Figure 19. Europe High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029) & (Tons) Figure 20. Japan High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029) & (Tons) Figure 21. South Korea High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029) & (Tons) Figure 22. ASEAN High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029) & (Tons) Figure 23. India High Purity Phosphine (PH3) for Semiconductors Consumption (2018-2029) & (Tons) Figure 24. Producer Shipments of High Purity Phosphine (PH3) for Semiconductors by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for High Purity Phosphine (PH3) for Semiconductors Markets in 2022



Figure 26. Global Four-firm Concentration Ratios (CR8) for High Purity Phosphine (PH3) for Semiconductors Markets in 2022 Figure 27. United States VS China: High Purity Phosphine (PH3) for Semiconductors Production Value Market Share Comparison (2018 & 2022 & 2029) Figure 28. United States VS China: High Purity Phosphine (PH3) for Semiconductors Production Market Share Comparison (2018 & 2022 & 2029) Figure 29. United States VS China: High Purity Phosphine (PH3) for Semiconductors Consumption Market Share Comparison (2018 & 2022 & 2029) Figure 30. United States Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Market Share 2022 Figure 31. China Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Market Share 2022 Figure 32. Rest of World Based Manufacturers High Purity Phosphine (PH3) for Semiconductors Production Market Share 2022 Figure 33. World High Purity Phosphine (PH3) for Semiconductors Production Value by Type, (USD Million), 2018 & 2022 & 2029 Figure 34. World High Purity Phosphine (PH3) for Semiconductors Production Value Market Share by Type in 2022 Figure 35. 5N Figure 36. 6N Figure 37. World High Purity Phosphine (PH3) for Semiconductors Production Market Share by Type (2018-2029) Figure 38. World High Purity Phosphine (PH3) for Semiconductors Production Value Market Share by Type (2018-2029) Figure 39. World High Purity Phosphine (PH3) for Semiconductors Average Price by Type (2018-2029) & (US\$/Ton) Figure 40. World High Purity Phosphine (PH3) for Semiconductors Production Value by Application, (USD Million), 2018 & 2022 & 2029 Figure 41. World High Purity Phosphine (PH3) for Semiconductors Production Value Market Share by Application in 2022 Figure 42. Semiconductor Etching Figure 43. Semiconductor Manufacturing Equipment Cleaning Figure 44. World High Purity Phosphine (PH3) for Semiconductors Production Market Share by Application (2018-2029) Figure 45. World High Purity Phosphine (PH3) for Semiconductors Production Value Market Share by Application (2018-2029) Figure 46. World High Purity Phosphine (PH3) for Semiconductors Average Price by Application (2018-2029) & (US\$/Ton) Figure 47. High Purity Phosphine (PH3) for Semiconductors Industry Chain



Figure 48. High Purity Phosphine (PH3) for Semiconductors Procurement Model Figure 49. High Purity Phosphine (PH3) for Semiconductors Sales Model

Figure 50. High Purity Phosphine (PH3) for Semiconductors Sales Channels, Direct

Sales, and Distribution

Figure 51. Methodology

Figure 52. Research Process and Data Source



I would like to order

Product name: Global High Purity Phosphine (PH3) for Semiconductors Supply, Demand and Key Producers, 2023-2029

Product link: https://marketpublishers.com/r/G3050B2129F7EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G3050B2129F7EN.html</u>

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 <u>https://marketpublishers.com/docs/terms.html</u>

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



Global High Purity Phosphine (PH3) for Semiconductors Supply, Demand and Key Producers, 2023-2029