

Global Phosphine Gas (PH₃) in Semiconductor Market Growth 2023-2029

<https://marketpublishers.com/r/GF375DD32DA8EN.html>

Date: January 2023

Pages: 92

Price: US\$ 3,660.00 (Single User License)

ID: GF375DD32DA8EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

LPI (LP Information)' newest research report, the "Phosphine Gas (PH₃) in Semiconductor Industry Forecast" looks at past sales and reviews total world Phosphine Gas (PH₃) in Semiconductor sales in 2022, providing a comprehensive analysis by region and market sector of projected Phosphine Gas (PH₃) in Semiconductor sales for 2023 through 2029. With Phosphine Gas (PH₃) in Semiconductor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Phosphine Gas (PH₃) in Semiconductor industry.

This Insight Report provides a comprehensive analysis of the global Phosphine Gas (PH₃) in Semiconductor landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Phosphine Gas (PH₃) in Semiconductor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Phosphine Gas (PH₃) in Semiconductor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Phosphine Gas (PH₃) in Semiconductor and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Phosphine Gas (PH₃) in

Semiconductor.

The global Phosphine Gas (PH₃) in Semiconductor market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Phosphine Gas (PH₃) in Semiconductor is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Phosphine Gas (PH₃) in Semiconductor is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Phosphine Gas (PH₃) in Semiconductor is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Phosphine Gas (PH₃) in Semiconductor players cover Entegris, Linde plc, Versum Materials, Taiyo Nippon Sanso, Solvay, Nata Opto-electronic and Shanghai GenTech, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Phosphine Gas (PH₃) in Semiconductor market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

4N

5N

6N

Segmentation by application

Semiconductor Industry

Photovoltaic Industry

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

Entegris

Linde plc

Versum Materials

Taiyo Nippon Sanso

Solvay

Nata Opto-electronic

Shanghai GenTech

Key Questions Addressed in this Report

What is the 10-year outlook for the global Phosphine Gas (PH₃) in Semiconductor

market?

What factors are driving Phosphine Gas (PH₃) in Semiconductor market growth, globally and by region?

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

How do Phosphine Gas (PH₃) in Semiconductor market opportunities vary by end market size?

How does Phosphine Gas (PH₃) in Semiconductor break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Phosphine Gas (PH₃) in Semiconductor Annual Sales 2018-2029
 - 2.1.2 World Current & Future Analysis for Phosphine Gas (PH₃) in Semiconductor by Geographic Region, 2018, 2022 & 2029
 - 2.1.3 World Current & Future Analysis for Phosphine Gas (PH₃) in Semiconductor by Country/Region, 2018, 2022 & 2029
- 2.2 Phosphine Gas (PH₃) in Semiconductor Segment by Type
 - 2.2.1 4N
 - 2.2.2 5N
 - 2.2.3 6N
- 2.3 Phosphine Gas (PH₃) in Semiconductor Sales by Type
 - 2.3.1 Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Type (2018-2023)
 - 2.3.2 Global Phosphine Gas (PH₃) in Semiconductor Revenue and Market Share by Type (2018-2023)
 - 2.3.3 Global Phosphine Gas (PH₃) in Semiconductor Sale Price by Type (2018-2023)
- 2.4 Phosphine Gas (PH₃) in Semiconductor Segment by Application
 - 2.4.1 Semiconductor Industry
 - 2.4.2 Photovoltaic Industry
- 2.5 Phosphine Gas (PH₃) in Semiconductor Sales by Application
 - 2.5.1 Global Phosphine Gas (PH₃) in Semiconductor Sale Market Share by Application (2018-2023)
 - 2.5.2 Global Phosphine Gas (PH₃) in Semiconductor Revenue and Market Share by Application (2018-2023)

2.5.3 Global Phosphine Gas (PH₃) in Semiconductor Sale Price by Application (2018-2023)

3 GLOBAL PHOSPHINE GAS (PH₃) IN SEMICONDUCTOR BY COMPANY

3.1 Global Phosphine Gas (PH₃) in Semiconductor Breakdown Data by Company

3.1.1 Global Phosphine Gas (PH₃) in Semiconductor Annual Sales by Company (2018-2023)

3.1.2 Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Company (2018-2023)

3.2 Global Phosphine Gas (PH₃) in Semiconductor Annual Revenue by Company (2018-2023)

3.2.1 Global Phosphine Gas (PH₃) in Semiconductor Revenue by Company (2018-2023)

3.2.2 Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Company (2018-2023)

3.3 Global Phosphine Gas (PH₃) in Semiconductor Sale Price by Company

3.4 Key Manufacturers Phosphine Gas (PH₃) in Semiconductor Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Phosphine Gas (PH₃) in Semiconductor Product Location Distribution

3.4.2 Players Phosphine Gas (PH₃) in Semiconductor Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR₃, CR₅ and CR₁₀) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR PHOSPHINE GAS (PH₃) IN SEMICONDUCTOR BY GEOGRAPHIC REGION

4.1 World Historic Phosphine Gas (PH₃) in Semiconductor Market Size by Geographic Region (2018-2023)

4.1.1 Global Phosphine Gas (PH₃) in Semiconductor Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Phosphine Gas (PH₃) in Semiconductor Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Phosphine Gas (PH₃) in Semiconductor Market Size by Country/Region (2018-2023)

4.2.1 Global Phosphine Gas (PH₃) in Semiconductor Annual Sales by Country/Region (2018-2023)

4.2.2 Global Phosphine Gas (PH₃) in Semiconductor Annual Revenue by Country/Region (2018-2023)

4.3 Americas Phosphine Gas (PH₃) in Semiconductor Sales Growth

4.4 APAC Phosphine Gas (PH₃) in Semiconductor Sales Growth

4.5 Europe Phosphine Gas (PH₃) in Semiconductor Sales Growth

4.6 Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales Growth

5 AMERICAS

5.1 Americas Phosphine Gas (PH₃) in Semiconductor Sales by Country

5.1.1 Americas Phosphine Gas (PH₃) in Semiconductor Sales by Country (2018-2023)

5.1.2 Americas Phosphine Gas (PH₃) in Semiconductor Revenue by Country (2018-2023)

5.2 Americas Phosphine Gas (PH₃) in Semiconductor Sales by Type

5.3 Americas Phosphine Gas (PH₃) in Semiconductor Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Phosphine Gas (PH₃) in Semiconductor Sales by Region

6.1.1 APAC Phosphine Gas (PH₃) in Semiconductor Sales by Region (2018-2023)

6.1.2 APAC Phosphine Gas (PH₃) in Semiconductor Revenue by Region (2018-2023)

6.2 APAC Phosphine Gas (PH₃) in Semiconductor Sales by Type

6.3 APAC Phosphine Gas (PH₃) in Semiconductor Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Phosphine Gas (PH₃) in Semiconductor by Country

7.1.1 Europe Phosphine Gas (PH₃) in Semiconductor Sales by Country (2018-2023)

7.1.2 Europe Phosphine Gas (PH₃) in Semiconductor Revenue by Country (2018-2023)

7.2 Europe Phosphine Gas (PH₃) in Semiconductor Sales by Type

7.3 Europe Phosphine Gas (PH₃) in Semiconductor Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Phosphine Gas (PH₃) in Semiconductor by Country

8.1.1 Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales by Country (2018-2023)

8.1.2 Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Revenue by Country (2018-2023)

8.2 Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales by Type

8.3 Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Phosphine Gas (PH₃) in Semiconductor

10.3 Manufacturing Process Analysis of Phosphine Gas (PH₃) in Semiconductor

10.4 Industry Chain Structure of Phosphine Gas (PH₃) in Semiconductor

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Phosphine Gas (PH3) in Semiconductor Distributors

11.3 Phosphine Gas (PH3) in Semiconductor Customer

12 WORLD FORECAST REVIEW FOR PHOSPHINE GAS (PH3) IN SEMICONDUCTOR BY GEOGRAPHIC REGION

12.1 Global Phosphine Gas (PH3) in Semiconductor Market Size Forecast by Region

12.1.1 Global Phosphine Gas (PH3) in Semiconductor Forecast by Region (2024-2029)

12.1.2 Global Phosphine Gas (PH3) in Semiconductor Annual Revenue Forecast by Region (2024-2029)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Phosphine Gas (PH3) in Semiconductor Forecast by Type

12.7 Global Phosphine Gas (PH3) in Semiconductor Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Entegris

13.1.1 Entegris Company Information

13.1.2 Entegris Phosphine Gas (PH3) in Semiconductor Product Portfolios and Specifications

13.1.3 Entegris Phosphine Gas (PH3) in Semiconductor Sales, Revenue, Price and Gross Margin (2018-2023)

13.1.4 Entegris Main Business Overview

13.1.5 Entegris Latest Developments

13.2 Linde plc

13.2.1 Linde plc Company Information

13.2.2 Linde plc Phosphine Gas (PH3) in Semiconductor Product Portfolios and Specifications

13.2.3 Linde plc Phosphine Gas (PH3) in Semiconductor Sales, Revenue, Price and

Gross Margin (2018-2023)

13.2.4 Linde plc Main Business Overview

13.2.5 Linde plc Latest Developments

13.3 Versum Materials

13.3.1 Versum Materials Company Information

13.3.2 Versum Materials Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

13.3.3 Versum Materials Phosphine Gas (PH₃) in Semiconductor Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 Versum Materials Main Business Overview

13.3.5 Versum Materials Latest Developments

13.4 Taiyo Nippon Sanso

13.4.1 Taiyo Nippon Sanso Company Information

13.4.2 Taiyo Nippon Sanso Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

13.4.3 Taiyo Nippon Sanso Phosphine Gas (PH₃) in Semiconductor Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 Taiyo Nippon Sanso Main Business Overview

13.4.5 Taiyo Nippon Sanso Latest Developments

13.5 Solvay

13.5.1 Solvay Company Information

13.5.2 Solvay Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

13.5.3 Solvay Phosphine Gas (PH₃) in Semiconductor Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 Solvay Main Business Overview

13.5.5 Solvay Latest Developments

13.6 Nata Opto-electronic

13.6.1 Nata Opto-electronic Company Information

13.6.2 Nata Opto-electronic Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

13.6.3 Nata Opto-electronic Phosphine Gas (PH₃) in Semiconductor Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 Nata Opto-electronic Main Business Overview

13.6.5 Nata Opto-electronic Latest Developments

13.7 Shanghai GenTech

13.7.1 Shanghai GenTech Company Information

13.7.2 Shanghai GenTech Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

13.7.3 Shanghai GenTech Phosphine Gas (PH₃) in Semiconductor Sales, Revenue, Price and Gross Margin (2018-2023)

13.7.4 Shanghai GenTech Main Business Overview

13.7.5 Shanghai GenTech Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Phosphine Gas (PH₃) in Semiconductor Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Phosphine Gas (PH₃) in Semiconductor Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of 4N

Table 4. Major Players of 5N

Table 5. Major Players of 6N

Table 6. Global Phosphine Gas (PH₃) in Semiconductor Sales by Type (2018-2023) & (Tons)

Table 7. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Type (2018-2023)

Table 8. Global Phosphine Gas (PH₃) in Semiconductor Revenue by Type (2018-2023) & (\$ million)

Table 9. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Type (2018-2023)

Table 10. Global Phosphine Gas (PH₃) in Semiconductor Sale Price by Type (2018-2023) & (US\$/Kg)

Table 11. Global Phosphine Gas (PH₃) in Semiconductor Sales by Application (2018-2023) & (Tons)

Table 12. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Application (2018-2023)

Table 13. Global Phosphine Gas (PH₃) in Semiconductor Revenue by Application (2018-2023)

Table 14. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Application (2018-2023)

Table 15. Global Phosphine Gas (PH₃) in Semiconductor Sale Price by Application (2018-2023) & (US\$/Kg)

Table 16. Global Phosphine Gas (PH₃) in Semiconductor Sales by Company (2018-2023) & (Tons)

Table 17. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Company (2018-2023)

Table 18. Global Phosphine Gas (PH₃) in Semiconductor Revenue by Company (2018-2023) (\$ Millions)

Table 19. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Company (2018-2023)

Table 20. Global Phosphine Gas (PH₃) in Semiconductor Sale Price by Company (2018-2023) & (US\$/Kg)

Table 21. Key Manufacturers Phosphine Gas (PH₃) in Semiconductor Producing Area Distribution and Sales Area

Table 22. Players Phosphine Gas (PH₃) in Semiconductor Products Offered

Table 23. Phosphine Gas (PH₃) in Semiconductor Concentration Ratio (CR₃, CR₅ and CR₁₀) & (2018-2023)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global Phosphine Gas (PH₃) in Semiconductor Sales by Geographic Region (2018-2023) & (Tons)

Table 27. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share Geographic Region (2018-2023)

Table 28. Global Phosphine Gas (PH₃) in Semiconductor Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 29. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Geographic Region (2018-2023)

Table 30. Global Phosphine Gas (PH₃) in Semiconductor Sales by Country/Region (2018-2023) & (Tons)

Table 31. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Country/Region (2018-2023)

Table 32. Global Phosphine Gas (PH₃) in Semiconductor Revenue by Country/Region (2018-2023) & (\$ millions)

Table 33. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Country/Region (2018-2023)

Table 34. Americas Phosphine Gas (PH₃) in Semiconductor Sales by Country (2018-2023) & (Tons)

Table 35. Americas Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Country (2018-2023)

Table 36. Americas Phosphine Gas (PH₃) in Semiconductor Revenue by Country (2018-2023) & (\$ Millions)

Table 37. Americas Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Country (2018-2023)

Table 38. Americas Phosphine Gas (PH₃) in Semiconductor Sales by Type (2018-2023) & (Tons)

Table 39. Americas Phosphine Gas (PH₃) in Semiconductor Sales by Application (2018-2023) & (Tons)

Table 40. APAC Phosphine Gas (PH₃) in Semiconductor Sales by Region (2018-2023) & (Tons)

Table 41. APAC Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Region (2018-2023)

Table 42. APAC Phosphine Gas (PH₃) in Semiconductor Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Region (2018-2023)

Table 44. APAC Phosphine Gas (PH₃) in Semiconductor Sales by Type (2018-2023) & (Tons)

Table 45. APAC Phosphine Gas (PH₃) in Semiconductor Sales by Application (2018-2023) & (Tons)

Table 46. Europe Phosphine Gas (PH₃) in Semiconductor Sales by Country (2018-2023) & (Tons)

Table 47. Europe Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Country (2018-2023)

Table 48. Europe Phosphine Gas (PH₃) in Semiconductor Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Country (2018-2023)

Table 50. Europe Phosphine Gas (PH₃) in Semiconductor Sales by Type (2018-2023) & (Tons)

Table 51. Europe Phosphine Gas (PH₃) in Semiconductor Sales by Application (2018-2023) & (Tons)

Table 52. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales by Country (2018-2023) & (Tons)

Table 53. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales by Type (2018-2023) & (Tons)

Table 57. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales by Application (2018-2023) & (Tons)

Table 58. Key Market Drivers & Growth Opportunities of Phosphine Gas (PH₃) in Semiconductor

Table 59. Key Market Challenges & Risks of Phosphine Gas (PH₃) in Semiconductor

Table 60. Key Industry Trends of Phosphine Gas (PH₃) in Semiconductor

Table 61. Phosphine Gas (PH₃) in Semiconductor Raw Material

Table 62. Key Suppliers of Raw Materials

Table 63. Phosphine Gas (PH₃) in Semiconductor Distributors List

Table 64. Phosphine Gas (PH₃) in Semiconductor Customer List

Table 65. Global Phosphine Gas (PH₃) in Semiconductor Sales Forecast by Region (2024-2029) & (Tons)

Table 66. Global Phosphine Gas (PH₃) in Semiconductor Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 67. Americas Phosphine Gas (PH₃) in Semiconductor Sales Forecast by Country (2024-2029) & (Tons)

Table 68. Americas Phosphine Gas (PH₃) in Semiconductor Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 69. APAC Phosphine Gas (PH₃) in Semiconductor Sales Forecast by Region (2024-2029) & (Tons)

Table 70. APAC Phosphine Gas (PH₃) in Semiconductor Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 71. Europe Phosphine Gas (PH₃) in Semiconductor Sales Forecast by Country (2024-2029) & (Tons)

Table 72. Europe Phosphine Gas (PH₃) in Semiconductor Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 73. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales Forecast by Country (2024-2029) & (Tons)

Table 74. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 75. Global Phosphine Gas (PH₃) in Semiconductor Sales Forecast by Type (2024-2029) & (Tons)

Table 76. Global Phosphine Gas (PH₃) in Semiconductor Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 77. Global Phosphine Gas (PH₃) in Semiconductor Sales Forecast by Application (2024-2029) & (Tons)

Table 78. Global Phosphine Gas (PH₃) in Semiconductor Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 79. Entegris Basic Information, Phosphine Gas (PH₃) in Semiconductor Manufacturing Base, Sales Area and Its Competitors

Table 80. Entegris Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

Table 81. Entegris Phosphine Gas (PH₃) in Semiconductor Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 82. Entegris Main Business

Table 83. Entegris Latest Developments

Table 84. Linde plc Basic Information, Phosphine Gas (PH₃) in Semiconductor Manufacturing Base, Sales Area and Its Competitors

Table 85. Linde plc Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

Table 86. Linde plc Phosphine Gas (PH₃) in Semiconductor Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 87. Linde plc Main Business

Table 88. Linde plc Latest Developments

Table 89. Versum Materials Basic Information, Phosphine Gas (PH₃) in Semiconductor Manufacturing Base, Sales Area and Its Competitors

Table 90. Versum Materials Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

Table 91. Versum Materials Phosphine Gas (PH₃) in Semiconductor Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 92. Versum Materials Main Business

Table 93. Versum Materials Latest Developments

Table 94. Taiyo Nippon Sanso Basic Information, Phosphine Gas (PH₃) in Semiconductor Manufacturing Base, Sales Area and Its Competitors

Table 95. Taiyo Nippon Sanso Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

Table 96. Taiyo Nippon Sanso Phosphine Gas (PH₃) in Semiconductor Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 97. Taiyo Nippon Sanso Main Business

Table 98. Taiyo Nippon Sanso Latest Developments

Table 99. Solvay Basic Information, Phosphine Gas (PH₃) in Semiconductor Manufacturing Base, Sales Area and Its Competitors

Table 100. Solvay Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

Table 101. Solvay Phosphine Gas (PH₃) in Semiconductor Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 102. Solvay Main Business

Table 103. Solvay Latest Developments

Table 104. Nata Opto-electronic Basic Information, Phosphine Gas (PH₃) in Semiconductor Manufacturing Base, Sales Area and Its Competitors

Table 105. Nata Opto-electronic Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

Table 106. Nata Opto-electronic Phosphine Gas (PH₃) in Semiconductor Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 107. Nata Opto-electronic Main Business

Table 108. Nata Opto-electronic Latest Developments

Table 109. Shanghai GenTech Basic Information, Phosphine Gas (PH₃) in Semiconductor Manufacturing Base, Sales Area and Its Competitors

Table 110. Shanghai GenTech Phosphine Gas (PH₃) in Semiconductor Product Portfolios and Specifications

Table 111. Shanghai GenTech Phosphine Gas (PH₃) in Semiconductor Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 112. Shanghai GenTech Main Business

Table 113. Shanghai GenTech Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Phosphine Gas (PH₃) in Semiconductor
- Figure 2. Phosphine Gas (PH₃) in Semiconductor Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Phosphine Gas (PH₃) in Semiconductor Sales Growth Rate 2018-2029 (Tons)
- Figure 7. Global Phosphine Gas (PH₃) in Semiconductor Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Phosphine Gas (PH₃) in Semiconductor Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of 4N
- Figure 10. Product Picture of 5N
- Figure 11. Product Picture of 6N
- Figure 12. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Type in 2022
- Figure 13. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Type (2018-2023)
- Figure 14. Phosphine Gas (PH₃) in Semiconductor Consumed in Semiconductor Industry
- Figure 15. Global Phosphine Gas (PH₃) in Semiconductor Market: Semiconductor Industry (2018-2023) & (Tons)
- Figure 16. Phosphine Gas (PH₃) in Semiconductor Consumed in Photovoltaic Industry
- Figure 17. Global Phosphine Gas (PH₃) in Semiconductor Market: Photovoltaic Industry (2018-2023) & (Tons)
- Figure 18. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Application (2022)
- Figure 19. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Application in 2022
- Figure 20. Phosphine Gas (PH₃) in Semiconductor Sales Market by Company in 2022 (Tons)
- Figure 21. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Company in 2022
- Figure 22. Phosphine Gas (PH₃) in Semiconductor Revenue Market by Company in 2022 (\$ Million)

Figure 23. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Company in 2022

Figure 24. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Geographic Region (2018-2023)

Figure 25. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Geographic Region in 2022

Figure 26. Americas Phosphine Gas (PH₃) in Semiconductor Sales 2018-2023 (Tons)

Figure 27. Americas Phosphine Gas (PH₃) in Semiconductor Revenue 2018-2023 (\$ Millions)

Figure 28. APAC Phosphine Gas (PH₃) in Semiconductor Sales 2018-2023 (Tons)

Figure 29. APAC Phosphine Gas (PH₃) in Semiconductor Revenue 2018-2023 (\$ Millions)

Figure 30. Europe Phosphine Gas (PH₃) in Semiconductor Sales 2018-2023 (Tons)

Figure 31. Europe Phosphine Gas (PH₃) in Semiconductor Revenue 2018-2023 (\$ Millions)

Figure 32. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales 2018-2023 (Tons)

Figure 33. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Revenue 2018-2023 (\$ Millions)

Figure 34. Americas Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Country in 2022

Figure 35. Americas Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Country in 2022

Figure 36. Americas Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Type (2018-2023)

Figure 37. Americas Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Application (2018-2023)

Figure 38. United States Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 39. Canada Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 40. Mexico Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 41. Brazil Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 42. APAC Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Region in 2022

Figure 43. APAC Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Regions in 2022

Figure 44. APAC Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Type (2018-2023)

Figure 45. APAC Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Application (2018-2023)

Figure 46. China Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 47. Japan Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 48. South Korea Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 49. Southeast Asia Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 50. India Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 51. Australia Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 52. China Taiwan Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 53. Europe Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Country in 2022

Figure 54. Europe Phosphine Gas (PH₃) in Semiconductor Revenue Market Share by Country in 2022

Figure 55. Europe Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Type (2018-2023)

Figure 56. Europe Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Application (2018-2023)

Figure 57. Germany Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 58. France Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 59. UK Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 60. Italy Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 61. Russia Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Country in 2022

Figure 63. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Revenue

Market Share by Country in 2022

Figure 64. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Type (2018-2023)

Figure 65. Middle East & Africa Phosphine Gas (PH₃) in Semiconductor Sales Market Share by Application (2018-2023)

Figure 66. Egypt Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 67. South Africa Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 68. Israel Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 69. Turkey Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 70. GCC Country Phosphine Gas (PH₃) in Semiconductor Revenue Growth 2018-2023 (\$ Millions)

Figure 71. Manufacturing Cost Structure Analysis of Phosphine Gas (PH₃) in Semiconductor in 2022

Figure 72. Manufacturing Process Analysis of Phosphine Gas (PH₃) in Semiconductor

Figure 73. Industry Chain Structure of Phosphine Gas (PH₃) in Semiconductor

Figure 74. Channels of Distribution

Figure 75. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Forecast by Region (2024-2029)

Figure 76. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share Forecast by Region (2024-2029)

Figure 77. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share Forecast by Type (2024-2029)

Figure 78. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share Forecast by Type (2024-2029)

Figure 79. Global Phosphine Gas (PH₃) in Semiconductor Sales Market Share Forecast by Application (2024-2029)

Figure 80. Global Phosphine Gas (PH₃) in Semiconductor Revenue Market Share Forecast by Application (2024-2029)

I would like to order

Product name: Global Phosphine Gas (PH₃) in Semiconductor Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/GF375DD32DA8EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF375DD32DA8EN.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