

Global Semiconductor Grade Phosphine (PH₃) Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/G320D62996B8EN.html>

Date: March 2026

Pages: 139

Price: US\$ 2,980.00 (Single User License)

ID: G320D62996B8EN

Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Semiconductor Grade Phosphine (PH₃) competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. Semiconductor Grade Phosphine (PH₃) is a specialty electronic-grade gas composed of phosphine molecules with extremely low levels of impurities (often The global Semiconductor Grade Phosphine (PH₃) market size was estimated at USD 85.8 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 6.70% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Semiconductor Grade Phosphine (PH₃) market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Semiconductor Grade Phosphine (PH₃) market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Semiconductor Grade Phosphine (PH3) market.

Global Semiconductor Grade Phosphine (PH3) Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Entegris
Linde plc
Versum Materials
Taiyo Nippon Sanso
Solvay
Nata Opto-electronic
Shanghai GenTech
Nippon Chemical Industrial

Market Segmentation (by Type)

6N
Others

Market Segmentation (by Application)

Semiconductor Industry
Photovoltaic Industry

Geographic Segmentation

North America (USA, Canada, Mexico)
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)
South America (Brazil, Argentina, Columbia, Rest of South America)
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the Semiconductor Grade Phosphine (PH₃) Market
Overview of the regional outlook of the Semiconductor Grade Phosphine (PH₃) Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Semiconductor Grade Phosphine (PH₃) Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Semiconductor Grade Phosphine (PH₃), their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Semiconductor Grade Phosphine (PH3)
- 1.2 Key Market Segments
 - 1.2.1 Semiconductor Grade Phosphine (PH3) Segment by Type
 - 1.2.2 Semiconductor Grade Phosphine (PH3) Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 SEMICONDUCTOR GRADE PHOSPHINE (PH3) MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Semiconductor Grade Phosphine (PH3) Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global Semiconductor Grade Phosphine (PH3) Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 SEMICONDUCTOR GRADE PHOSPHINE (PH3) MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global Semiconductor Grade Phosphine (PH3) Product Life Cycle
- 3.3 Global Semiconductor Grade Phosphine (PH3) Sales by Manufacturers (2020-2025)
- 3.4 Global Semiconductor Grade Phosphine (PH3) Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Semiconductor Grade Phosphine (PH3) Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Semiconductor Grade Phosphine (PH3) Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Semiconductor Grade Phosphine (PH3) Market Competitive Situation and Trends

- 3.8.1 Semiconductor Grade Phosphine (PH₃) Market Concentration Rate
- 3.8.2 Global 5 and 10 Largest Semiconductor Grade Phosphine (PH₃) Players Market Share by Revenue
- 3.8.3 Mergers & Acquisitions, Expansion

4 SEMICONDUCTOR GRADE PHOSPHINE (PH₃) INDUSTRY CHAIN ANALYSIS

- 4.1 Semiconductor Grade Phosphine (PH₃) Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF SEMICONDUCTOR GRADE PHOSPHINE (PH₃) MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
- 5.6 Global Semiconductor Grade Phosphine (PH₃) Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 U.S. Tariff Policy ? April 2025
 - 5.6.3 Global Trade Frictions and Their Impacts to Semiconductor Grade Phosphine (PH₃) Market
- 5.7 ESG Ratings of Leading Companies

6 SEMICONDUCTOR GRADE PHOSPHINE (PH₃) MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Semiconductor Grade Phosphine (PH3) Sales Market Share by Type (2020-2025)
- 6.3 Global Semiconductor Grade Phosphine (PH3) Market Size by Type (2020-2025)
- 6.4 Global Semiconductor Grade Phosphine (PH3) Price by Type (2020-2025)

7 SEMICONDUCTOR GRADE PHOSPHINE (PH3) MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Semiconductor Grade Phosphine (PH3) Market Sales by Application (2020-2025)
- 7.3 Global Semiconductor Grade Phosphine (PH3) Market Size (M USD) by Application (2020-2025)
- 7.4 Global Semiconductor Grade Phosphine (PH3) Sales Growth Rate by Application (2020-2025)

8 SEMICONDUCTOR GRADE PHOSPHINE (PH3) MARKET SALES BY REGION

- 8.1 Global Semiconductor Grade Phosphine (PH3) Sales by Region
 - 8.1.1 Global Semiconductor Grade Phosphine (PH3) Sales by Region
 - 8.1.2 Global Semiconductor Grade Phosphine (PH3) Sales Market Share by Region
- 8.2 Global Semiconductor Grade Phosphine (PH3) Market Size by Region
 - 8.2.1 Global Semiconductor Grade Phosphine (PH3) Market Size by Region
 - 8.2.2 Global Semiconductor Grade Phosphine (PH3) Market Size by Region
- 8.3 North America
 - 8.3.1 North America Semiconductor Grade Phosphine (PH3) Sales by Country
 - 8.3.2 North America Semiconductor Grade Phosphine (PH3) Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe Semiconductor Grade Phosphine (PH3) Sales by Country
 - 8.4.2 Europe Semiconductor Grade Phosphine (PH3) Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview

8.5 Asia Pacific

- 8.5.1 Asia Pacific Semiconductor Grade Phosphine (PH3) Sales by Region
- 8.5.2 Asia Pacific Semiconductor Grade Phosphine (PH3) Market Size by Region
- 8.5.3 China Market Overview
- 8.5.4 Japan Market Overview
- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview

8.6 South America

- 8.6.1 South America Semiconductor Grade Phosphine (PH3) Sales by Country
- 8.6.2 South America Semiconductor Grade Phosphine (PH3) Market Size by Country
- 8.6.3 Brazil Market Overview
- 8.6.4 Argentina Market Overview
- 8.6.5 Columbia Market Overview

8.7 Middle East and Africa

- 8.7.1 Middle East and Africa Semiconductor Grade Phosphine (PH3) Sales by Region
- 8.7.2 Middle East and Africa Semiconductor Grade Phosphine (PH3) Market Size by Region
- 8.7.3 Saudi Arabia Market Overview
- 8.7.4 UAE Market Overview
- 8.7.5 Egypt Market Overview
- 8.7.6 Nigeria Market Overview
- 8.7.7 South Africa Market Overview

9 SEMICONDUCTOR GRADE PHOSPHINE (PH3) MARKET PRODUCTION BY REGION

- 9.1 Global Production of Semiconductor Grade Phosphine (PH3) by Region(2020-2025)
- 9.2 Global Semiconductor Grade Phosphine (PH3) Revenue Market Share by Region (2020-2025)
- 9.3 Global Semiconductor Grade Phosphine (PH3) Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Semiconductor Grade Phosphine (PH3) Production
 - 9.4.1 North America Semiconductor Grade Phosphine (PH3) Production Growth Rate (2020-2025)
 - 9.4.2 North America Semiconductor Grade Phosphine (PH3) Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Semiconductor Grade Phosphine (PH3) Production
 - 9.5.1 Europe Semiconductor Grade Phosphine (PH3) Production Growth Rate

(2020-2025)

9.5.2 Europe Semiconductor Grade Phosphine (PH3) Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Semiconductor Grade Phosphine (PH3) Production (2020-2025)

9.6.1 Japan Semiconductor Grade Phosphine (PH3) Production Growth Rate (2020-2025)

9.6.2 Japan Semiconductor Grade Phosphine (PH3) Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Semiconductor Grade Phosphine (PH3) Production (2020-2025)

9.7.1 China Semiconductor Grade Phosphine (PH3) Production Growth Rate (2020-2025)

9.7.2 China Semiconductor Grade Phosphine (PH3) Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Entegris

10.1.1 Entegris Basic Information

10.1.2 Entegris Semiconductor Grade Phosphine (PH3) Product Overview

10.1.3 Entegris Semiconductor Grade Phosphine (PH3) Product Market Performance

10.1.4 Entegris Business Overview

10.1.5 Entegris SWOT Analysis

10.1.6 Entegris Recent Developments

10.2 Linde plc

10.2.1 Linde plc Basic Information

10.2.2 Linde plc Semiconductor Grade Phosphine (PH3) Product Overview

10.2.3 Linde plc Semiconductor Grade Phosphine (PH3) Product Market Performance

10.2.4 Linde plc Business Overview

10.2.5 Linde plc SWOT Analysis

10.2.6 Linde plc Recent Developments

10.3 Versum Materials

10.3.1 Versum Materials Basic Information

10.3.2 Versum Materials Semiconductor Grade Phosphine (PH3) Product Overview

10.3.3 Versum Materials Semiconductor Grade Phosphine (PH3) Product Market

Performance

10.3.4 Versum Materials Business Overview

10.3.5 Versum Materials SWOT Analysis

10.3.6 Versum Materials Recent Developments

10.4 Taiyo Nippon Sanso

- 10.4.1 Taiyo Nippon Sanso Basic Information
- 10.4.2 Taiyo Nippon Sanso Semiconductor Grade Phosphine (PH3) Product Overview
- 10.4.3 Taiyo Nippon Sanso Semiconductor Grade Phosphine (PH3) Product Market Performance
- 10.4.4 Taiyo Nippon Sanso Business Overview
- 10.4.5 Taiyo Nippon Sanso Recent Developments
- 10.5 Solvay
 - 10.5.1 Solvay Basic Information
 - 10.5.2 Solvay Semiconductor Grade Phosphine (PH3) Product Overview
 - 10.5.3 Solvay Semiconductor Grade Phosphine (PH3) Product Market Performance
 - 10.5.4 Solvay Business Overview
 - 10.5.5 Solvay Recent Developments
- 10.6 Nata Opto-electronic
 - 10.6.1 Nata Opto-electronic Basic Information
 - 10.6.2 Nata Opto-electronic Semiconductor Grade Phosphine (PH3) Product Overview
 - 10.6.3 Nata Opto-electronic Semiconductor Grade Phosphine (PH3) Product Market Performance
 - 10.6.4 Nata Opto-electronic Business Overview
 - 10.6.5 Nata Opto-electronic Recent Developments
- 10.7 Shanghai GenTech
 - 10.7.1 Shanghai GenTech Basic Information
 - 10.7.2 Shanghai GenTech Semiconductor Grade Phosphine (PH3) Product Overview
 - 10.7.3 Shanghai GenTech Semiconductor Grade Phosphine (PH3) Product Market Performance
 - 10.7.4 Shanghai GenTech Business Overview
 - 10.7.5 Shanghai GenTech Recent Developments
- 10.8 Nippon Chemical Industrial
 - 10.8.1 Nippon Chemical Industrial Basic Information
 - 10.8.2 Nippon Chemical Industrial Semiconductor Grade Phosphine (PH3) Product Overview
 - 10.8.3 Nippon Chemical Industrial Semiconductor Grade Phosphine (PH3) Product Market Performance
 - 10.8.4 Nippon Chemical Industrial Business Overview
 - 10.8.5 Nippon Chemical Industrial Recent Developments

11 SEMICONDUCTOR GRADE PHOSPHINE (PH3) MARKET FORECAST BY REGION

- 11.1 Global Semiconductor Grade Phosphine (PH3) Market Size Forecast

11.2 Global Semiconductor Grade Phosphine (PH3) Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Semiconductor Grade Phosphine (PH3) Market Size Forecast by Country

11.2.3 Asia Pacific Semiconductor Grade Phosphine (PH3) Market Size Forecast by Region

11.2.4 South America Semiconductor Grade Phosphine (PH3) Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Semiconductor Grade Phosphine (PH3) by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

12.1 Global Semiconductor Grade Phosphine (PH3) Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Semiconductor Grade Phosphine (PH3) by Type (2026-2035)

12.1.2 Global Semiconductor Grade Phosphine (PH3) Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Semiconductor Grade Phosphine (PH3) by Type (2026-2035)

12.2 Global Semiconductor Grade Phosphine (PH3) Market Forecast by Application (2026-2035)

12.2.1 Global Semiconductor Grade Phosphine (PH3) Sales (K MT) Forecast by Application

12.2.2 Global Semiconductor Grade Phosphine (PH3) Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Semiconductor Grade Phosphine (PH3) Market Size by Type (M USD)

Table 4. Global Semiconductor Grade Phosphine (PH3) Market Size by Application

Table 5. Semiconductor Grade Phosphine (PH3) Market Size Comparison by Region (M USD)

Table 6. Global Semiconductor Grade Phosphine (PH3) Sales (K MT) by Manufacturers (2020-2025)

Table 7. Global Semiconductor Grade Phosphine (PH3) Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Semiconductor Grade Phosphine (PH3) Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Semiconductor Grade Phosphine (PH3) Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Semiconductor Grade Phosphine (PH3) as of 2025)

Table 11. Global Market Semiconductor Grade Phosphine (PH3) Average Price (USD/KG) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Semiconductor Grade Phosphine (PH3) Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Semiconductor Grade Phosphine (PH3) Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Semiconductor Grade Phosphine (PH3) Sales by Type (K MT)

Table 27. Global Semiconductor Grade Phosphine (PH3) Market Size by Type (M USD)

Table 28. Global Semiconductor Grade Phosphine (PH3) Sales (K MT) by Type (2020-2025)

Table 29. Global Semiconductor Grade Phosphine (PH3) Sales Market Share by Type (2020-2025)

Table 30. Global Semiconductor Grade Phosphine (PH3) Market Size (M USD) by Type (2020-2025)

Table 31. Global Semiconductor Grade Phosphine (PH3) Market Share by Type (2020-2025)

Table 32. Global Semiconductor Grade Phosphine (PH3) Price (USD/KG) by Type (2020-2025)

Table 33. Global Semiconductor Grade Phosphine (PH3) Sales (K MT) by Application

Table 34. Global Semiconductor Grade Phosphine (PH3) Market Size by Application

Table 35. Global Semiconductor Grade Phosphine (PH3) Sales by Application (2020-2025) & (K MT)

Table 36. Global Semiconductor Grade Phosphine (PH3) Sales Market Share by Application (2020-2025)

Table 37. Global Semiconductor Grade Phosphine (PH3) Market Size by Application (2020-2025) & (M USD)

Table 38. Global Semiconductor Grade Phosphine (PH3) Market Share by Application (2020-2025)

Table 39. Global Semiconductor Grade Phosphine (PH3) Sales Growth Rate by Application (2020-2025)

Table 40. Global Semiconductor Grade Phosphine (PH3) Sales by Region (2020-2025) & (K MT)

Table 41. Global Semiconductor Grade Phosphine (PH3) Sales Market Share by Region (2020-2025)

Table 42. Global Semiconductor Grade Phosphine (PH3) Market Size by Region (2020-2025) & (M USD)

Table 43. Global Semiconductor Grade Phosphine (PH3) Market Size by Region (2020-2025)

Table 44. North America Semiconductor Grade Phosphine (PH3) Sales by Country (2020-2025) & (K MT)

Table 45. North America Semiconductor Grade Phosphine (PH3) Market Size by Country (2020-2025) & (M USD)

Table 46. Europe Semiconductor Grade Phosphine (PH3) Sales by Country (2020-2025) & (K MT)

Table 47. Europe Semiconductor Grade Phosphine (PH3) Market Size by Country (2020-2025) & (M USD)

Table 48. Asia Pacific Semiconductor Grade Phosphine (PH3) Sales by Region (2020-2025) & (K MT)

Table 49. Asia Pacific Semiconductor Grade Phosphine (PH3) Market Size by Region (2020-2025) & (M USD)

Table 50. South America Semiconductor Grade Phosphine (PH3) Sales by Country (2020-2025) & (K MT)

Table 51. South America Semiconductor Grade Phosphine (PH3) Market Size by Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Semiconductor Grade Phosphine (PH3) Sales by Region (2020-2025) & (K MT)

Table 53. Middle East and Africa Semiconductor Grade Phosphine (PH3) Market Size by Region (2020-2025) & (M USD)

Table 54. Global Semiconductor Grade Phosphine (PH3) Production (K MT) by Region(2020-2025)

Table 55. Global Semiconductor Grade Phosphine (PH3) Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Semiconductor Grade Phosphine (PH3) Revenue Market Share by Region (2020-2025)

Table 57. Global Semiconductor Grade Phosphine (PH3) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. North America Semiconductor Grade Phosphine (PH3) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Europe Semiconductor Grade Phosphine (PH3) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. Japan Semiconductor Grade Phosphine (PH3) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. China Semiconductor Grade Phosphine (PH3) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 62. Entegris Basic Information

Table 63. Entegris Semiconductor Grade Phosphine (PH3) Product Overview

Table 64. Entegris Semiconductor Grade Phosphine (PH3) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 65. Entegris Business Overview

Table 66. Entegris SWOT Analysis

Table 67. Entegris Recent Developments

Table 68. Linde plc Basic Information

Table 69. Linde plc Semiconductor Grade Phosphine (PH3) Product Overview

Table 70. Linde plc Semiconductor Grade Phosphine (PH3) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 71. Linde plc Business Overview

Table 72. Linde plc SWOT Analysis

Table 73. Linde plc Recent Developments

Table 74. Versum Materials Basic Information

Table 75. Versum Materials Semiconductor Grade Phosphine (PH3) Product Overview

Table 76. Versum Materials Semiconductor Grade Phosphine (PH3) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 77. Versum Materials Business Overview

Table 78. Versum Materials SWOT Analysis

Table 79. Versum Materials Recent Developments

Table 80. Taiyo Nippon Sanso Basic Information

Table 81. Taiyo Nippon Sanso Semiconductor Grade Phosphine (PH3) Product Overview

Table 82. Taiyo Nippon Sanso Semiconductor Grade Phosphine (PH3) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 83. Taiyo Nippon Sanso Business Overview

Table 84. Taiyo Nippon Sanso Recent Developments

Table 85. Solvay Basic Information

Table 86. Solvay Semiconductor Grade Phosphine (PH3) Product Overview

Table 87. Solvay Semiconductor Grade Phosphine (PH3) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 88. Solvay Business Overview

Table 89. Solvay Recent Developments

Table 90. Nata Opto-electronic Basic Information

Table 91. Nata Opto-electronic Semiconductor Grade Phosphine (PH3) Product Overview

Table 92. Nata Opto-electronic Semiconductor Grade Phosphine (PH3) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 93. Nata Opto-electronic Business Overview

Table 94. Nata Opto-electronic Recent Developments

Table 95. Shanghai GenTech Basic Information

Table 96. Shanghai GenTech Semiconductor Grade Phosphine (PH3) Product Overview

Table 97. Shanghai GenTech Semiconductor Grade Phosphine (PH3) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 98. Shanghai GenTech Business Overview

Table 99. Shanghai GenTech Recent Developments

Table 100. Nippon Chemical Industrial Basic Information

Table 101. Nippon Chemical Industrial Semiconductor Grade Phosphine (PH3) Product

Overview

Table 102. Nippon Chemical Industrial Semiconductor Grade Phosphine (PH3) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 103. Nippon Chemical Industrial Business Overview

Table 104. Nippon Chemical Industrial Recent Developments

Table 105. Global Semiconductor Grade Phosphine (PH3) Sales Forecast by Region (2026-2035) & (K MT)

Table 106. Global Semiconductor Grade Phosphine (PH3) Market Size Forecast by Region (2026-2035) & (M USD)

Table 107. North America Semiconductor Grade Phosphine (PH3) Sales Forecast by Country (2026-2035) & (K MT)

Table 108. North America Semiconductor Grade Phosphine (PH3) Market Size Forecast by Country (2026-2035) & (M USD)

Table 109. Europe Semiconductor Grade Phosphine (PH3) Sales Forecast by Country (2026-2035) & (K MT)

Table 110. Europe Semiconductor Grade Phosphine (PH3) Market Size Forecast by Country (2026-2035) & (M USD)

Table 111. Asia Pacific Semiconductor Grade Phosphine (PH3) Sales Forecast by Region (2026-2035) & (K MT)

Table 112. Asia Pacific Semiconductor Grade Phosphine (PH3) Market Size Forecast by Region (2026-2035) & (M USD)

Table 113. South America Semiconductor Grade Phosphine (PH3) Sales Forecast by Country (2026-2035) & (K MT)

Table 114. South America Semiconductor Grade Phosphine (PH3) Market Size Forecast by Country (2026-2035) & (M USD)

Table 115. Middle East and Africa Semiconductor Grade Phosphine (PH3) Sales Forecast by Country (2026-2035) & (Units)

Table 116. Middle East and Africa Semiconductor Grade Phosphine (PH3) Market Size Forecast by Country (2026-2035) & (M USD)

Table 117. Global Semiconductor Grade Phosphine (PH3) Sales Forecast by Type (2026-2035) & (K MT)

Table 118. Global Semiconductor Grade Phosphine (PH3) Market Size Forecast by Type (2026-2035) & (M USD)

Table 119. Global Semiconductor Grade Phosphine (PH3) Price Forecast by Type (2026-2035) & (USD/KG)

Table 120. Global Semiconductor Grade Phosphine (PH3) Sales (K MT) Forecast by Application (2026-2035)

Table 121. Global Semiconductor Grade Phosphine (PH3) Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Semiconductor Grade Phosphine (PH3)
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Semiconductor Grade Phosphine (PH3) Market Size (M USD), 2025-2035
- Figure 5. Global Semiconductor Grade Phosphine (PH3) Market Size (M USD) (2020-2035)
- Figure 6. Global Semiconductor Grade Phosphine (PH3) Sales (K MT) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Semiconductor Grade Phosphine (PH3) Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Semiconductor Grade Phosphine (PH3) Product Life Cycle
- Figure 13. Semiconductor Grade Phosphine (PH3) Sales Share by Manufacturers in 2025
- Figure 14. Global Semiconductor Grade Phosphine (PH3) Revenue Share by Manufacturers in 2025
- Figure 15. Semiconductor Grade Phosphine (PH3) Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Semiconductor Grade Phosphine (PH3) Average Price (USD/KG) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Semiconductor Grade Phosphine (PH3) Revenue in 2025
- Figure 18. Industry Chain Map of Semiconductor Grade Phosphine (PH3)
- Figure 19. Global Semiconductor Grade Phosphine (PH3) Market PEST Analysis
- Figure 20. Global Semiconductor Grade Phosphine (PH3) Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Semiconductor Grade Phosphine (PH3) Market Share by Type
- Figure 27. Sales Market Share of Semiconductor Grade Phosphine (PH3) by Type

(2020-2025)

Figure 28. Sales Market Share of Semiconductor Grade Phosphine (PH₃) by Type in 2025

Figure 29. Market Share of Semiconductor Grade Phosphine (PH₃) by Type (2020-2025)

Figure 30. Market Share of Semiconductor Grade Phosphine (PH₃) by Type in 2025

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Semiconductor Grade Phosphine (PH₃) Market Share by Application

Figure 33. Global Semiconductor Grade Phosphine (PH₃) Sales Market Share by Application (2020-2025)

Figure 34. Global Semiconductor Grade Phosphine (PH₃) Sales Market Share by Application in 2025

Figure 35. Global Semiconductor Grade Phosphine (PH₃) Market Share by Application (2020-2025)

Figure 36. Global Semiconductor Grade Phosphine (PH₃) Market Share by Application in 2025

Figure 37. Global Semiconductor Grade Phosphine (PH₃) Sales Growth Rate by Application (2020-2025)

Figure 38. Global Semiconductor Grade Phosphine (PH₃) Sales Market Share by Region (2020-2025)

Figure 39. Global Semiconductor Grade Phosphine (PH₃) Market Size by Region (2020-2025)

Figure 40. North America Semiconductor Grade Phosphine (PH₃) Sales and Growth Rate (2020-2025) & (K MT)

Figure 41. North America Semiconductor Grade Phosphine (PH₃) Sales and Growth Rate (2020-2025) & (K MT)

Figure 42. North America Semiconductor Grade Phosphine (PH₃) Sales Market Share by Country in 2024

Figure 43. North America Semiconductor Grade Phosphine (PH₃) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Semiconductor Grade Phosphine (PH₃) Market Size by Country in 2024

Figure 45. U.S. Semiconductor Grade Phosphine (PH₃) Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Semiconductor Grade Phosphine (PH₃) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Semiconductor Grade Phosphine (PH₃) Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Semiconductor Grade Phosphine (PH₃) Market Size (M USD) and

Growth Rate (2020-2025)

Figure 49. Mexico Semiconductor Grade Phosphine (PH3) Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Semiconductor Grade Phosphine (PH3) Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Semiconductor Grade Phosphine (PH3) Sales Market Share by Country in 2024

Figure 53. Europe Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Semiconductor Grade Phosphine (PH3) Market Size by Country in 2024

Figure 55. Germany Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Semiconductor Grade Phosphine (PH3) Sales Market Share by Region in 2024

Figure 67. Asia Pacific Semiconductor Grade Phosphine (PH3) Market Size by Region in 2024

Figure 68. China Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (K MT)

Figure 79. South America Semiconductor Grade Phosphine (PH3) Sales Market Share by Country in 2024

Figure 80. South America Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (M USD)

Figure 81. South America Semiconductor Grade Phosphine (PH3) Market Size by Country in 2024

Figure 82. Brazil Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Semiconductor Grade Phosphine (PH3) Market Size and Growth

Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Semiconductor Grade Phosphine (PH3) Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Semiconductor Grade Phosphine (PH3) Market Size by Region in 2024

Figure 92. Saudi Arabia Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Semiconductor Grade Phosphine (PH3) Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Semiconductor Grade Phosphine (PH3) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Semiconductor Grade Phosphine (PH3) Production Market Share by Region (2020-2025)

Figure 103. North America Semiconductor Grade Phosphine (PH3) Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Semiconductor Grade Phosphine (PH3) Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Semiconductor Grade Phosphine (PH3) Production (K MT) Growth Rate (2020-2025)

Figure 106. China Semiconductor Grade Phosphine (PH3) Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Semiconductor Grade Phosphine (PH3) Sales Forecast by Volume (2020-2035) & (K MT)

Figure 108. Global Semiconductor Grade Phosphine (PH3) Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Semiconductor Grade Phosphine (PH3) Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Semiconductor Grade Phosphine (PH3) Market Share Forecast by Type (2026-2035)

Figure 111. Global Semiconductor Grade Phosphine (PH3) Sales Forecast by Application (2026-2035)

Figure 112. Global Semiconductor Grade Phosphine (PH3) Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global Semiconductor Grade Phosphine (PH3) Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/G320D62996B8EN.html>

Price: US\$ 2,980.00 (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/G320D62996B8EN.html>