

Global 1,4-Pentandiol (1,4-PDO) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GF161ED9BF25EN.html>

Date: June 2024

Pages: 80

Price: US\$ 3,480.00 (Single User License)

ID: GF161ED9BF25EN

Abstracts

According to our (Global Info Research) latest study, the global 1,4-Pentandiol (1,4-PDO) market size was valued at USD 3 million in 2023 and is forecast to a readjusted size of USD 3 million by 2030 with a CAGR of 2.0% during review period.

1,4-Pentandiol is a useful synthetic intermediate. It was used in the preparation of poly(ortho ester). 1,4-Pentandiol on dehydration in water at 573K yields five-membered ether, 2-methyltetrahydrofuran.

The global 1,4-PDO market is witnessing substantial growth driven by the increasing demand from various industries. With ongoing advancements in technology and expanding applications, the market is expected to continue its upward trajectory in the coming years.

The Global Info Research report includes an overview of the development of the 1,4-Pentandiol (1,4-PDO) industry chain, the market status of Industrial Use (Coatings, Adhesives and Dyes, etc.) (min.97%, min.99%), Other Uses (Education and Research) (min.97%, min.99%), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of 1,4-Pentandiol (1,4-PDO).

Regionally, the report analyzes the 1,4-Pentandiol (1,4-PDO) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global 1,4-Pentandiol (1,4-PDO) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the 1,4-Pentandiol (1,4-PDO) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the 1,4-Pentandiol (1,4-PDO) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Type (e.g., min.97%, min.99%).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the 1,4-Pentandiol (1,4-PDO) market.

Regional Analysis: The report involves examining the 1,4-Pentandiol (1,4-PDO) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the 1,4-Pentandiol (1,4-PDO) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to 1,4-Pentandiol (1,4-PDO):

Company Analysis: Report covers individual 1,4-Pentandiol (1,4-PDO) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards 1,4-Pentandiol (1,4-PDO) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Industrial Use

(Coatings, Adhesives and Dyes, etc.), Other Uses (Education and Research)).

Technology Analysis: Report covers specific technologies relevant to 1,4-Pentandiol (1,4-PDO). It assesses the current state, advancements, and potential future developments in 1,4-Pentandiol (1,4-PDO) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the 1,4-Pentandiol (1,4-PDO) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

1,4-Pentandiol (1,4-PDO) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

min.97%

min.99%

Market segment by Application

Industrial Use (Coatings, Adhesives and Dyes, etc.)

Other Uses (Education and Research)

Major players covered

Haosen (Shandong Yino Biologic Materials)

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 1,4-Pentandiol (1,4-PDO) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 1,4-Pentandiol (1,4-PDO), with price, sales, revenue and global market share of 1,4-Pentandiol (1,4-PDO) from 2019 to 2024.

Chapter 3, the 1,4-Pentandiol (1,4-PDO) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 1,4-Pentandiol (1,4-PDO) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and 1,4-Pentandiol (1,4-PDO) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces

analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 1,4-Pentandiol (1,4-PDO).

Chapter 14 and 15, to describe 1,4-Pentandiol (1,4-PDO) sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of 1,4-Pentandiol (1,4-PDO)
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 min.97%
 - 1.3.3 min.99%
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Industrial Use (Coatings, Adhesives and Dyes, etc.)
 - 1.4.3 Other Uses (Education and Research)
- 1.5 Global 1,4-Pentandiol (1,4-PDO) Market Size & Forecast
 - 1.5.1 Global 1,4-Pentandiol (1,4-PDO) Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global 1,4-Pentandiol (1,4-PDO) Sales Quantity (2019-2030)
 - 1.5.3 Global 1,4-Pentandiol (1,4-PDO) Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Haosen (Shandong Yino Biologic Materials)
 - 2.1.1 Haosen (Shandong Yino Biologic Materials) Details
 - 2.1.2 Haosen (Shandong Yino Biologic Materials) Major Business
 - 2.1.3 Haosen (Shandong Yino Biologic Materials) 1,4-Pentandiol (1,4-PDO) Product and Services
 - 2.1.4 Haosen (Shandong Yino Biologic Materials) 1,4-Pentandiol (1,4-PDO) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Haosen (Shandong Yino Biologic Materials) Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: 1,4-PENTANDIOL (1,4-PDO) BY MANUFACTURER

- 3.1 Global 1,4-Pentandiol (1,4-PDO) Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global 1,4-Pentandiol (1,4-PDO) Revenue by Manufacturer (2019-2024)
- 3.3 Global 1,4-Pentandiol (1,4-PDO) Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of 1,4-Pentandiol (1,4-PDO) by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 1,4-Pentandiol (1,4-PDO) Manufacturer Market Share in 2023

3.4.2 Top 6 1,4-Pentandiol (1,4-PDO) Manufacturer Market Share in 2023

3.5 1,4-Pentandiol (1,4-PDO) Market: Overall Company Footprint Analysis

3.5.1 1,4-Pentandiol (1,4-PDO) Market: Region Footprint

3.5.2 1,4-Pentandiol (1,4-PDO) Market: Company Product Type Footprint

3.5.3 1,4-Pentandiol (1,4-PDO) Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global 1,4-Pentandiol (1,4-PDO) Market Size by Region

4.1.1 Global 1,4-Pentandiol (1,4-PDO) Sales Quantity by Region (2019-2030)

4.1.2 Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Region (2019-2030)

4.1.3 Global 1,4-Pentandiol (1,4-PDO) Average Price by Region (2019-2030)

4.2 North America 1,4-Pentandiol (1,4-PDO) Consumption Value (2019-2030)

4.3 Europe 1,4-Pentandiol (1,4-PDO) Consumption Value (2019-2030)

4.4 Asia-Pacific 1,4-Pentandiol (1,4-PDO) Consumption Value (2019-2030)

4.5 South America 1,4-Pentandiol (1,4-PDO) Consumption Value (2019-2030)

4.6 Middle East and Africa 1,4-Pentandiol (1,4-PDO) Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2030)

5.2 Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Type (2019-2030)

5.3 Global 1,4-Pentandiol (1,4-PDO) Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2030)

6.2 Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Application (2019-2030)

6.3 Global 1,4-Pentandiol (1,4-PDO) Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2030)

7.2 North America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2030)

7.3 North America 1,4-Pentandiol (1,4-PDO) Market Size by Country

7.3.1 North America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Country (2019-2030)

7.3.2 North America 1,4-Pentandiol (1,4-PDO) Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2030)

8.2 Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2030)

8.3 Europe 1,4-Pentandiol (1,4-PDO) Market Size by Country

8.3.1 Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity by Country (2019-2030)

8.3.2 Europe 1,4-Pentandiol (1,4-PDO) Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific 1,4-Pentandiol (1,4-PDO) Market Size by Region

9.3.1 Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific 1,4-Pentandiol (1,4-PDO) Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2030)

10.2 South America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2030)

10.3 South America 1,4-Pentandiol (1,4-PDO) Market Size by Country

10.3.1 South America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Country (2019-2030)

10.3.2 South America 1,4-Pentandiol (1,4-PDO) Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa 1,4-Pentandiol (1,4-PDO) Market Size by Country

11.3.1 Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa 1,4-Pentandiol (1,4-PDO) Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 1,4-Pentandiol (1,4-PDO) Market Drivers

12.2 1,4-Pentandiol (1,4-PDO) Market Restraints

12.3 1,4-Pentandiol (1,4-PDO) Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of 1,4-Pentandiol (1,4-PDO) and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of 1,4-Pentandiol (1,4-PDO)
- 13.3 1,4-Pentandiol (1,4-PDO) Production Process
- 13.4 1,4-Pentandiol (1,4-PDO) Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 1,4-Pentandiol (1,4-PDO) Typical Distributors
- 14.3 1,4-Pentandiol (1,4-PDO) Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Haosen (Shandong Yino Biologic Materials) Basic Information, Manufacturing Base and Competitors

Table 4. Haosen (Shandong Yino Biologic Materials) Major Business

Table 5. Haosen (Shandong Yino Biologic Materials) 1,4-Pentandiol (1,4-PDO) Product and Services

Table 6. Haosen (Shandong Yino Biologic Materials) 1,4-Pentandiol (1,4-PDO) Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Haosen (Shandong Yino Biologic Materials) Recent Developments/Updates

Table 8. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity by Manufacturer (2019-2024) & (Tons)

Table 9. Global 1,4-Pentandiol (1,4-PDO) Revenue by Manufacturer (2019-2024) & (USD Million)

Table 10. Global 1,4-Pentandiol (1,4-PDO) Average Price by Manufacturer (2019-2024) & (US\$/Ton)

Table 11. Market Position of Manufacturers in 1,4-Pentandiol (1,4-PDO), (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 12. Head Office and 1,4-Pentandiol (1,4-PDO) Production Site of Key Manufacturer

Table 13. 1,4-Pentandiol (1,4-PDO) Market: Company Product Type Footprint

Table 14. 1,4-Pentandiol (1,4-PDO) Market: Company Product Application Footprint

Table 15. 1,4-Pentandiol (1,4-PDO) New Market Entrants and Barriers to Market Entry

Table 16. 1,4-Pentandiol (1,4-PDO) Mergers, Acquisition, Agreements, and Collaborations

Table 17. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity by Region (2019-2024) & (Tons)

Table 18. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity by Region (2025-2030) & (Tons)

Table 19. Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Region (2019-2024) & (USD Million)

Table 20. Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Region (2025-2030)

& (USD Million)

Table 21. Global 1,4-Pentandiol (1,4-PDO) Average Price by Region (2019-2024) & (US\$/Ton)

Table 22. Global 1,4-Pentandiol (1,4-PDO) Average Price by Region (2025-2030) & (US\$/Ton)

Table 23. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2024) & (Tons)

Table 24. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2025-2030) & (Tons)

Table 25. Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Type (2019-2024) & (USD Million)

Table 26. Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Type (2025-2030) & (USD Million)

Table 27. Global 1,4-Pentandiol (1,4-PDO) Average Price by Type (2019-2024) & (US\$/Ton)

Table 28. Global 1,4-Pentandiol (1,4-PDO) Average Price by Type (2025-2030) & (US\$/Ton)

Table 29. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2024) & (Tons)

Table 30. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2025-2030) & (Tons)

Table 31. Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Application (2019-2024) & (USD Million)

Table 32. Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Application (2025-2030) & (USD Million)

Table 33. Global 1,4-Pentandiol (1,4-PDO) Average Price by Application (2019-2024) & (US\$/Ton)

Table 34. Global 1,4-Pentandiol (1,4-PDO) Average Price by Application (2025-2030) & (US\$/Ton)

Table 35. North America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2024) & (Tons)

Table 36. North America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2025-2030) & (Tons)

Table 37. North America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2024) & (Tons)

Table 38. North America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2025-2030) & (Tons)

Table 39. North America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Country (2019-2024) & (Tons)

Table 40. North America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Country (2025-2030) & (Tons)

Table 41. North America 1,4-Pentandiol (1,4-PDO) Consumption Value by Country (2019-2024) & (USD Million)

Table 42. North America 1,4-Pentandiol (1,4-PDO) Consumption Value by Country (2025-2030) & (USD Million)

Table 43. Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2024) & (Tons)

Table 44. Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2025-2030) & (Tons)

Table 45. Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2024) & (Tons)

Table 46. Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2025-2030) & (Tons)

Table 47. Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity by Country (2019-2024) & (Tons)

Table 48. Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity by Country (2025-2030) & (Tons)

Table 49. Europe 1,4-Pentandiol (1,4-PDO) Consumption Value by Country (2019-2024) & (USD Million)

Table 50. Europe 1,4-Pentandiol (1,4-PDO) Consumption Value by Country (2025-2030) & (USD Million)

Table 51. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2024) & (Tons)

Table 52. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2025-2030) & (Tons)

Table 53. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2024) & (Tons)

Table 54. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2025-2030) & (Tons)

Table 55. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity by Region (2019-2024) & (Tons)

Table 56. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity by Region (2025-2030) & (Tons)

Table 57. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Consumption Value by Region (2019-2024) & (USD Million)

Table 58. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Consumption Value by Region (2025-2030) & (USD Million)

Table 59. South America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2024)

& (Tons)

Table 60. South America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2025-2030)

& (Tons)

Table 61. South America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2024) & (Tons)

Table 62. South America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2025-2030) & (Tons)

Table 63. South America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Country (2019-2024) & (Tons)

Table 64. South America 1,4-Pentandiol (1,4-PDO) Sales Quantity by Country (2025-2030) & (Tons)

Table 65. South America 1,4-Pentandiol (1,4-PDO) Consumption Value by Country (2019-2024) & (USD Million)

Table 66. South America 1,4-Pentandiol (1,4-PDO) Consumption Value by Country (2025-2030) & (USD Million)

Table 67. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2019-2024) & (Tons)

Table 68. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity by Type (2025-2030) & (Tons)

Table 69. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2019-2024) & (Tons)

Table 70. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity by Application (2025-2030) & (Tons)

Table 71. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity by Region (2019-2024) & (Tons)

Table 72. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity by Region (2025-2030) & (Tons)

Table 73. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Consumption Value by Region (2019-2024) & (USD Million)

Table 74. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Consumption Value by Region (2025-2030) & (USD Million)

Table 75. 1,4-Pentandiol (1,4-PDO) Raw Material

Table 76. Key Manufacturers of 1,4-Pentandiol (1,4-PDO) Raw Materials

Table 77. 1,4-Pentandiol (1,4-PDO) Typical Distributors

Table 78. 1,4-Pentandiol (1,4-PDO) Typical Customers

LIST OF FIGURE

s

Figure 1. 1,4-Pentandiol (1,4-PDO) Picture

Figure 2. Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global 1,4-Pentandiol (1,4-PDO) Consumption Value Market Share by Type in 2023

Figure 4. min.97% Examples

Figure 5. min.99% Examples

Figure 6. Global 1,4-Pentandiol (1,4-PDO) Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 7. Global 1,4-Pentandiol (1,4-PDO) Consumption Value Market Share by Application in 2023

Figure 8. Industrial Use (Coatings, Adhesives and Dyes, etc.) Examples

Figure 9. Other Uses (Education and Research) Examples

Figure 10. Global 1,4-Pentandiol (1,4-PDO) Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 11. Global 1,4-Pentandiol (1,4-PDO) Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 12. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity (2019-2030) & (Tons)

Figure 13. Global 1,4-Pentandiol (1,4-PDO) Average Price (2019-2030) & (US\$/Ton)

Figure 14. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Manufacturer in 2023

Figure 15. Global 1,4-Pentandiol (1,4-PDO) Consumption Value Market Share by Manufacturer in 2023

Figure 16. Producer Shipments of 1,4-Pentandiol (1,4-PDO) by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 17. Top 3 1,4-Pentandiol (1,4-PDO) Manufacturer (Consumption Value) Market Share in 2023

Figure 18. Top 6 1,4-Pentandiol (1,4-PDO) Manufacturer (Consumption Value) Market Share in 2023

Figure 19. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Region (2019-2030)

Figure 20. Global 1,4-Pentandiol (1,4-PDO) Consumption Value Market Share by Region (2019-2030)

Figure 21. North America 1,4-Pentandiol (1,4-PDO) Consumption Value (2019-2030) & (USD Million)

Figure 22. Europe 1,4-Pentandiol (1,4-PDO) Consumption Value (2019-2030) & (USD Million)

Figure 23. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Consumption Value (2019-2030) & (USD Million)

Figure 24. South America 1,4-Pentandiol (1,4-PDO) Consumption Value (2019-2030) &

(USD Million)

Figure 25. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Consumption Value (2019-2030) & (USD Million)

Figure 26. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Type (2019-2030)

Figure 27. Global 1,4-Pentandiol (1,4-PDO) Consumption Value Market Share by Type (2019-2030)

Figure 28. Global 1,4-Pentandiol (1,4-PDO) Average Price by Type (2019-2030) & (US\$/Ton)

Figure 29. Global 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Application (2019-2030)

Figure 30. Global 1,4-Pentandiol (1,4-PDO) Consumption Value Market Share by Application (2019-2030)

Figure 31. Global 1,4-Pentandiol (1,4-PDO) Average Price by Application (2019-2030) & (US\$/Ton)

Figure 32. North America 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Type (2019-2030)

Figure 33. North America 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Application (2019-2030)

Figure 34. North America 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Country (2019-2030)

Figure 35. North America 1,4-Pentandiol (1,4-PDO) Consumption Value Market Share by Country (2019-2030)

Figure 36. United States 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 37. Canada 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 38. Mexico 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Type (2019-2030)

Figure 40. Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Application (2019-2030)

Figure 41. Europe 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Country (2019-2030)

Figure 42. Europe 1,4-Pentandiol (1,4-PDO) Consumption Value Market Share by Country (2019-2030)

Figure 43. Germany 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 44. France 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. United Kingdom 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. Russia 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. Italy 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Type (2019-2030)

Figure 49. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Application (2019-2030)

Figure 50. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Region (2019-2030)

Figure 51. Asia-Pacific 1,4-Pentandiol (1,4-PDO) Consumption Value Market Share by Region (2019-2030)

Figure 52. China 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 53. Japan 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. Korea 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. India 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Southeast Asia 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Australia 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. South America 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Type (2019-2030)

Figure 59. South America 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Application (2019-2030)

Figure 60. South America 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Country (2019-2030)

Figure 61. South America 1,4-Pentandiol (1,4-PDO) Consumption Value Market Share by Country (2019-2030)

Figure 62. Brazil 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 63. Argentina 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 64. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Type (2019-2030)

Figure 65. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Application (2019-2030)

Figure 66. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Sales Quantity Market Share by Region (2019-2030)

Figure 67. Middle East & Africa 1,4-Pentandiol (1,4-PDO) Consumption Value Market Share by Region (2019-2030)

Figure 68. Turkey 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 69. Egypt 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 70. Saudi Arabia 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. South Africa 1,4-Pentandiol (1,4-PDO) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. 1,4-Pentandiol (1,4-PDO) Market Drivers

Figure 73. 1,4-Pentandiol (1,4-PDO) Market Restraints

Figure 74. 1,4-Pentandiol (1,4-PDO) Market Trends

Figure 75. Porters Five Forces Analysis

Figure 76. Manufacturing Cost Structure Analysis of 1,4-Pentandiol (1,4-PDO) in 2023

Figure 77. Manufacturing Process Analysis of 1,4-Pentandiol (1,4-PDO)

Figure 78. 1,4-Pentandiol (1,4-PDO) Industrial Chain

Figure 79. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 80. Direct Channel Pros & Cons

Figure 81. Indirect Channel Pros & Cons

Figure 82. Methodology

Figure 83. Research Process and Data Source

I would like to order

Product name: Global 1,4-Pentandiol (1,4-PDO) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/GF161ED9BF25EN.html>

Price: US\$ 3,480.00 (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 <https://marketpublishers.com/r/GF161ED9BF25EN.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

