

Global Bio-based Pentamethylenediamine Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/G74EC1901B71EN.html

Date: May 2023 Pages: 77 Price: US\$ 3,480.00 (Single User License) ID: G74EC1901B71EN

Abstracts

According to our (Global Info Research) latest study, the global Bio-based Pentamethylenediamine market size was valued at USD 21 million in 2022 and is forecast to a readjusted size of USD 30 million by 2029 with a CAGR of 5.4% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Bio-based Pentamethylenediamine market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Purity and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Bio-based Pentamethylenediamine market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Bio-based Pentamethylenediamine market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Bio-based Pentamethylenediamine market size and forecasts, by Purity and by



Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Bio-based Pentamethylenediamine market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Bio-based Pentamethylenediamine

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Bio-based Pentamethylenediamine market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Cathay Biotech, Ningxia Eppen Biotech Co., Ltd, CJ BIO and Yangmei Chemical, etc.

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

Market Segmentation

Bio-based Pentamethylenediamine market is split by Purity and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Purity, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Purity

0.995

0.999



Others

Market segment by Application

Textiles

Epoxy Resin Curing Agent

Organic Synthesis Intermediates

Pharmaceutical Intermediates

Pesticide Intermediates

Others

Major players covered

Cathay Biotech

Ningxia Eppen Biotech Co., Ltd

CJ BIO

Yangmei Chemical

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 Bio-based Pentamethylenediamine product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Bio-based Pentamethylenediamine, with price, sales, revenue and global market share of Bio-based Pentamethylenediamine from 2018 to 2023.

Chapter 3, the Bio-based Pentamethylenediamine competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Bio-based Pentamethylenediamine breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Purity and application, with sales market share and growth rate by purity, application, from 2018 to 2029.

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 2022.and Bio-based Pentamethylenediamine market forecast, by regions, purity and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Bio-based Pentamethylenediamine.

Chapter 14 and 15, to describe Bio-based Pentamethylenediamine sales channel, distributors, customers, research findings and conclusion.



Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Bio-based Pentamethylenediamine
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Purity

1.3.1 Overview: Global Bio-based Pentamethylenediamine Consumption Value by Purity: 2018 Versus 2022 Versus 2029

- 1.3.2 0.995
- 1.3.3 0.999
- 1.3.4 Others
- 1.4 Market Analysis by Application
- 1.4.1 Overview: Global Bio-based Pentamethylenediamine Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Textiles
 - 1.4.3 Epoxy Resin Curing Agent
 - 1.4.4 Organic Synthesis Intermediates
 - 1.4.5 Pharmaceutical Intermediates
 - 1.4.6 Pesticide Intermediates
 - 1.4.7 Others
- 1.5 Global Bio-based Pentamethylenediamine Market Size & Forecast
- 1.5.1 Global Bio-based Pentamethylenediamine Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Bio-based Pentamethylenediamine Sales Quantity (2018-2029)
 - 1.5.3 Global Bio-based Pentamethylenediamine Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 Cathay Biotech
 - 2.1.1 Cathay Biotech Details
 - 2.1.2 Cathay Biotech Major Business
 - 2.1.3 Cathay Biotech Bio-based Pentamethylenediamine Product and Services
 - 2.1.4 Cathay Biotech Bio-based Pentamethylenediamine Sales Quantity, Average
- Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.1.5 Cathay Biotech Recent Developments/Updates
- 2.2 Ningxia Eppen Biotech Co., Ltd
 - 2.2.1 Ningxia Eppen Biotech Co., Ltd Details
 - 2.2.2 Ningxia Eppen Biotech Co., Ltd Major Business



2.2.3 Ningxia Eppen Biotech Co., Ltd Bio-based Pentamethylenediamine Product and Services

2.2.4 Ningxia Eppen Biotech Co., Ltd Bio-based Pentamethylenediamine Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Ningxia Eppen Biotech Co., Ltd Recent Developments/Updates

2.3 CJ BIO

2.3.1 CJ BIO Details

2.3.2 CJ BIO Major Business

2.3.3 CJ BIO Bio-based Pentamethylenediamine Product and Services

2.3.4 CJ BIO Bio-based Pentamethylenediamine Sales Quantity, Average Price,

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

2.3.5 CJ BIO Recent Developments/Updates

2.4 Yangmei Chemical

2.4.1 Yangmei Chemical Details

2.4.2 Yangmei Chemical Major Business

2.4.3 Yangmei Chemical Bio-based Pentamethylenediamine Product and Services

2.4.4 Yangmei Chemical Bio-based Pentamethylenediamine Sales Quantity, Average

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

2.4.5 Yangmei Chemical Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: BIO-BASED PENTAMETHYLENEDIAMINE BY MANUFACTURER

3.1 Global Bio-based Pentamethylenediamine Sales Quantity by Manufacturer (2018-2023)

3.2 Global Bio-based Pentamethylenediamine Revenue by Manufacturer (2018-2023)

3.3 Global Bio-based Pentamethylenediamine Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Bio-based Pentamethylenediamine by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Bio-based Pentamethylenediamine Manufacturer Market Share in 2022
3.4.2 Top 6 Bio-based Pentamethylenediamine Manufacturer Market Share in 2022
3.5 Bio-based Pentamethylenediamine Market: Overall Company Footprint Analysis

3.5.1 Bio-based Pentamethylenediamine Market: Region Footprint

3.5.2 Bio-based Pentamethylenediamine Market: Company Product Type Footprint

3.5.3 Bio-based Pentamethylenediamine 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 Bio-based Pentamethylenediamine Market Size by Region

4.1.1 Global Bio-based Pentamethylenediamine Sales Quantity by Region (2018-2029)

4.1.2 Global Bio-based Pentamethylenediamine Consumption Value by Region (2018-2029)

4.1.3 Global Bio-based Pentamethylenediamine Average Price by Region (2018-2029)
4.2 North America Bio-based Pentamethylenediamine Consumption Value (2018-2029)
4.3 Europe Bio-based Pentamethylenediamine Consumption Value (2018-2029)
4.4 Asia-Pacific Bio-based Pentamethylenediamine Consumption Value (2018-2029)
4.5 South America Bio-based Pentamethylenediamine Consumption Value (2018-2029)
4.6 Middle East and Africa Bio-based Pentamethylenediamine Consumption Value (2018-2029)

5 MARKET SEGMENT BY PURITY

5.1 Global Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2029)5.2 Global Bio-based Pentamethylenediamine Consumption Value by Purity (2018-2029)

5.3 Global Bio-based Pentamethylenediamine Average Price by Purity (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2029)

6.2 Global Bio-based Pentamethylenediamine Consumption Value by Application (2018-2029)

6.3 Global Bio-based Pentamethylenediamine Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2029)

7.2 North America Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2029)

Global Bio-based Pentamethylenediamine Market 2023 by Manufacturers, Regions, Type and Application, Forecast t...



7.3 North America Bio-based Pentamethylenediamine Market Size by Country

7.3.1 North America Bio-based Pentamethylenediamine Sales Quantity by Country (2018-2029)

7.3.2 North America Bio-based Pentamethylenediamine Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2029)

8.2 Europe Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2029)

8.3 Europe Bio-based Pentamethylenediamine Market Size by Country

8.3.1 Europe Bio-based Pentamethylenediamine Sales Quantity by Country (2018-2029)

8.3.2 Europe Bio-based Pentamethylenediamine Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2029)

9.2 Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Bio-based Pentamethylenediamine Market Size by Region

9.3.1 Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Bio-based Pentamethylenediamine Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)



- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2029)

10.2 South America Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2029)

10.3 South America Bio-based Pentamethylenediamine Market Size by Country

10.3.1 South America Bio-based Pentamethylenediamine Sales Quantity by Country (2018-2029)

10.3.2 South America Bio-based Pentamethylenediamine Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2029)

11.2 Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Bio-based Pentamethylenediamine Market Size by Country

11.3.1 Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Bio-based Pentamethylenediamine Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Bio-based Pentamethylenediamine Market Drivers

- 12.2 Bio-based Pentamethylenediamine Market Restraints
- 12.3 Bio-based Pentamethylenediamine Trends Analysis

Global Bio-based Pentamethylenediamine Market 2023 by Manufacturers, Regions, Type and Application, Forecast t...



- 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
- 12.5 Influence of COVID-19 and Russia-Ukraine War
- 12.5.1 Influence of COVID-19
- 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Bio-based Pentamethylenediamine and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Bio-based Pentamethylenediamine
- 13.3 Bio-based Pentamethylenediamine Production Process
- 13.4 Bio-based Pentamethylenediamine Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
- 14.1.2 Distributors
- 14.2 Bio-based Pentamethylenediamine Typical Distributors
- 14.3 Bio-based Pentamethylenediamine Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology16.2 Research Process and Data Source16.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. Global Bio-based Pentamethylenediamine Consumption Value by Purity, (USD Million), 2018 & 2022 & 2029

Table 2. Global Bio-based Pentamethylenediamine Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Cathay Biotech Basic Information, Manufacturing Base and Competitors Table 4. Cathay Biotech Major Business

Table 5. Cathay Biotech Bio-based Pentamethylenediamine Product and Services

Table 6. Cathay Biotech Bio-based Pentamethylenediamine Sales Quantity (Tons),

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

Table 7. Cathay Biotech Recent Developments/Updates

Table 8. Ningxia Eppen Biotech Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 9. Ningxia Eppen Biotech Co., Ltd Major Business

Table 10. Ningxia Eppen Biotech Co., Ltd Bio-based Pentamethylenediamine Product and Services

Table 11. Ningxia Eppen Biotech Co., Ltd Bio-based Pentamethylenediamine Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Ningxia Eppen Biotech Co., Ltd Recent Developments/Updates

Table 13. CJ BIO Basic Information, Manufacturing Base and Competitors

Table 14. CJ BIO Major Business

Table 15. CJ BIO Bio-based Pentamethylenediamine Product and Services

Table 16. CJ BIO Bio-based Pentamethylenediamine Sales Quantity (Tons), Average

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

Table 17. CJ BIO Recent Developments/Updates

Table 18. Yangmei Chemical Basic Information, Manufacturing Base and CompetitorsTable 19. Yangmei Chemical Major Business

Table 20. Yangmei Chemical Bio-based Pentamethylenediamine Product and Services

Table 21. Yangmei Chemical Bio-based Pentamethylenediamine Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Yangmei Chemical Recent Developments/Updates

Table 23. Global Bio-based Pentamethylenediamine Sales Quantity by Manufacturer (2018-2023) & (Tons)



Table 24. Global Bio-based Pentamethylenediamine Revenue by Manufacturer (2018-2023) & (USD Million)

Table 25. Global Bio-based Pentamethylenediamine Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 26. Market Position of Manufacturers in Bio-based Pentamethylenediamine, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 27. Head Office and Bio-based Pentamethylenediamine Production Site of Key Manufacturer

Table 28. Bio-based Pentamethylenediamine Market: Company Product Type Footprint Table 29. Bio-based Pentamethylenediamine Market: Company Product Application Footprint

Table 30. Bio-based Pentamethylenediamine New Market Entrants and Barriers to Market Entry

Table 31. Bio-based Pentamethylenediamine Mergers, Acquisition, Agreements, and Collaborations

Table 32. Global Bio-based Pentamethylenediamine Sales Quantity by Region (2018-2023) & (Tons)

Table 33. Global Bio-based Pentamethylenediamine Sales Quantity by Region (2024-2029) & (Tons)

Table 34. Global Bio-based Pentamethylenediamine Consumption Value by Region (2018-2023) & (USD Million)

Table 35. Global Bio-based Pentamethylenediamine Consumption Value by Region (2024-2029) & (USD Million)

Table 36. Global Bio-based Pentamethylenediamine Average Price by Region (2018-2023) & (US\$/Ton)

Table 37. Global Bio-based Pentamethylenediamine Average Price by Region (2024-2029) & (US\$/Ton)

Table 38. Global Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2023) & (Tons)

Table 39. Global Bio-based Pentamethylenediamine Sales Quantity by Purity (2024-2029) & (Tons)

Table 40. Global Bio-based Pentamethylenediamine Consumption Value by Purity (2018-2023) & (USD Million)

Table 41. Global Bio-based Pentamethylenediamine Consumption Value by Purity (2024-2029) & (USD Million)

Table 42. Global Bio-based Pentamethylenediamine Average Price by Purity (2018-2023) & (US\$/Ton)

Table 43. Global Bio-based Pentamethylenediamine Average Price by Purity (2024-2029) & (US\$/Ton)



Table 44. Global Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2023) & (Tons)

Table 45. Global Bio-based Pentamethylenediamine Sales Quantity by Application (2024-2029) & (Tons)

Table 46. Global Bio-based Pentamethylenediamine Consumption Value by Application (2018-2023) & (USD Million)

Table 47. Global Bio-based Pentamethylenediamine Consumption Value by Application (2024-2029) & (USD Million)

Table 48. Global Bio-based Pentamethylenediamine Average Price by Application (2018-2023) & (US\$/Ton)

Table 49. Global Bio-based Pentamethylenediamine Average Price by Application (2024-2029) & (US\$/Ton)

Table 50. North America Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2023) & (Tons)

Table 51. North America Bio-based Pentamethylenediamine Sales Quantity by Purity (2024-2029) & (Tons)

Table 52. North America Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2023) & (Tons)

Table 53. North America Bio-based Pentamethylenediamine Sales Quantity by Application (2024-2029) & (Tons)

Table 54. North America Bio-based Pentamethylenediamine Sales Quantity by Country (2018-2023) & (Tons)

Table 55. North America Bio-based Pentamethylenediamine Sales Quantity by Country (2024-2029) & (Tons)

Table 56. North America Bio-based Pentamethylenediamine Consumption Value by Country (2018-2023) & (USD Million)

Table 57. North America Bio-based Pentamethylenediamine Consumption Value by Country (2024-2029) & (USD Million)

Table 58. Europe Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2023) & (Tons)

Table 59. Europe Bio-based Pentamethylenediamine Sales Quantity by Purity (2024-2029) & (Tons)

Table 60. Europe Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2023) & (Tons)

Table 61. Europe Bio-based Pentamethylenediamine Sales Quantity by Application (2024-2029) & (Tons)

Table 62. Europe Bio-based Pentamethylenediamine Sales Quantity by Country (2018-2023) & (Tons)

 Table 63. Europe Bio-based Pentamethylenediamine Sales Quantity by Country



(2024-2029) & (Tons) Table 64. Europe Bio-based Pentamethylenediamine Consumption Value by Country (2018-2023) & (USD Million) Table 65. Europe Bio-based Pentamethylenediamine Consumption Value by Country (2024-2029) & (USD Million) Table 66. Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2023) & (Tons) Table 67. Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity by Purity (2024-2029) & (Tons) Table 68. Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2023) & (Tons) Table 69. Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity by Application (2024-2029) & (Tons) Table 70. Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity by Region (2018-2023) & (Tons) Table 71. Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity by Region (2024-2029) & (Tons) Table 72. Asia-Pacific Bio-based Pentamethylenediamine Consumption Value by Region (2018-2023) & (USD Million) Table 73. Asia-Pacific Bio-based Pentamethylenediamine Consumption Value by Region (2024-2029) & (USD Million) Table 74. South America Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2023) & (Tons) Table 75. South America Bio-based Pentamethylenediamine Sales Quantity by Purity (2024-2029) & (Tons) Table 76. South America Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2023) & (Tons) Table 77. South America Bio-based Pentamethylenediamine Sales Quantity by Application (2024-2029) & (Tons) Table 78. South America Bio-based Pentamethylenediamine Sales Quantity by Country (2018-2023) & (Tons) Table 79. South America Bio-based Pentamethylenediamine Sales Quantity by Country (2024-2029) & (Tons) Table 80. South America Bio-based Pentamethylenediamine Consumption Value by Country (2018-2023) & (USD Million) Table 81. South America Bio-based Pentamethylenediamine Consumption Value by Country (2024-2029) & (USD Million) Table 82. Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity by Purity (2018-2023) & (Tons)



Table 83. Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity by Purity (2024-2029) & (Tons)

Table 84. Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity by Application (2018-2023) & (Tons)

Table 85. Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity by Application (2024-2029) & (Tons)

Table 86. Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity by Region (2018-2023) & (Tons)

Table 87. Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity by Region (2024-2029) & (Tons)

Table 88. Middle East & Africa Bio-based Pentamethylenediamine Consumption Value by Region (2018-2023) & (USD Million)

Table 89. Middle East & Africa Bio-based Pentamethylenediamine Consumption Value by Region (2024-2029) & (USD Million)

Table 90. Bio-based Pentamethylenediamine Raw Material

Table 91. Key Manufacturers of Bio-based Pentamethylenediamine Raw Materials

Table 92. Bio-based Pentamethylenediamine Typical Distributors

Table 93. Bio-based Pentamethylenediamine Typical Customers



List Of Figures

LIST OF FIGURES

Figure 1. Bio-based Pentamethylenediamine Picture

Figure 2. Global Bio-based Pentamethylenediamine Consumption Value by Purity,

(USD Million), 2018 & 2022 & 2029

Figure 3. Global Bio-based Pentamethylenediamine Consumption Value Market Share by Purity in 2022

Figure 4. 0.995 Examples

Figure 5. 0.999 Examples

Figure 6. Others Examples

Figure 7. Global Bio-based Pentamethylenediamine Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 8. Global Bio-based Pentamethylenediamine Consumption Value Market Share by Application in 2022

Figure 9. Textiles Examples

Figure 10. Epoxy Resin Curing Agent Examples

Figure 11. Organic Synthesis Intermediates Examples

Figure 12. Pharmaceutical Intermediates Examples

Figure 13. Pesticide Intermediates Examples

Figure 14. Others Examples

Figure 15. Global Bio-based Pentamethylenediamine Consumption Value, (USD

Million): 2018 & 2022 & 2029

Figure 16. Global Bio-based Pentamethylenediamine Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 17. Global Bio-based Pentamethylenediamine Sales Quantity (2018-2029) & (Tons)

Figure 18. Global Bio-based Pentamethylenediamine Average Price (2018-2029) & (US\$/Ton)

Figure 19. Global Bio-based Pentamethylenediamine Sales Quantity Market Share by Manufacturer in 2022

Figure 20. Global Bio-based Pentamethylenediamine Consumption Value Market Share by Manufacturer in 2022

Figure 21. Producer Shipments of Bio-based Pentamethylenediamine by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 22. Top 3 Bio-based Pentamethylenediamine Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Top 6 Bio-based Pentamethylenediamine Manufacturer (Consumption Value)



Market Share in 2022

Figure 24. Global Bio-based Pentamethylenediamine Sales Quantity Market Share by Region (2018-2029)

Figure 25. Global Bio-based Pentamethylenediamine Consumption Value Market Share by Region (2018-2029)

Figure 26. North America Bio-based Pentamethylenediamine Consumption Value (2018-2029) & (USD Million)

Figure 27. Europe Bio-based Pentamethylenediamine Consumption Value (2018-2029) & (USD Million)

Figure 28. Asia-Pacific Bio-based Pentamethylenediamine Consumption Value (2018-2029) & (USD Million)

Figure 29. South America Bio-based Pentamethylenediamine Consumption Value (2018-2029) & (USD Million)

Figure 30. Middle East & Africa Bio-based Pentamethylenediamine Consumption Value (2018-2029) & (USD Million)

Figure 31. Global Bio-based Pentamethylenediamine Sales Quantity Market Share by Purity (2018-2029)

Figure 32. Global Bio-based Pentamethylenediamine Consumption Value Market Share by Purity (2018-2029)

Figure 33. Global Bio-based Pentamethylenediamine Average Price by Purity (2018-2029) & (US\$/Ton)

Figure 34. Global Bio-based Pentamethylenediamine Sales Quantity Market Share by Application (2018-2029)

Figure 35. Global Bio-based Pentamethylenediamine Consumption Value Market Share by Application (2018-2029)

Figure 36. Global Bio-based Pentamethylenediamine Average Price by Application (2018-2029) & (US\$/Ton)

Figure 37. North America Bio-based Pentamethylenediamine Sales Quantity Market Share by Purity (2018-2029)

Figure 38. North America Bio-based Pentamethylenediamine Sales Quantity Market Share by Application (2018-2029)

Figure 39. North America Bio-based Pentamethylenediamine Sales Quantity Market Share by Country (2018-2029)

Figure 40. North America Bio-based Pentamethylenediamine Consumption Value Market Share by Country (2018-2029)

Figure 41. United States Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Canada Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)



Figure 43. Mexico Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Europe Bio-based Pentamethylenediamine Sales Quantity Market Share by Purity (2018-2029)

Figure 45. Europe Bio-based Pentamethylenediamine Sales Quantity Market Share by Application (2018-2029)

Figure 46. Europe Bio-based Pentamethylenediamine Sales Quantity Market Share by Country (2018-2029)

Figure 47. Europe Bio-based Pentamethylenediamine Consumption Value Market Share by Country (2018-2029)

Figure 48. Germany Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. France Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. United Kingdom Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Russia Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Italy Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity Market Share by Purity (2018-2029)

Figure 54. Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity Market Share by Application (2018-2029)

Figure 55. Asia-Pacific Bio-based Pentamethylenediamine Sales Quantity Market Share by Region (2018-2029)

Figure 56. Asia-Pacific Bio-based Pentamethylenediamine Consumption Value Market Share by Region (2018-2029)

Figure 57. China Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Japan Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Korea Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. India Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Southeast Asia Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Australia Bio-based Pentamethylenediamine Consumption Value and Growth



Rate (2018-2029) & (USD Million)

Figure 63. South America Bio-based Pentamethylenediamine Sales Quantity Market Share by Purity (2018-2029)

Figure 64. South America Bio-based Pentamethylenediamine Sales Quantity Market Share by Application (2018-2029)

Figure 65. South America Bio-based Pentamethylenediamine Sales Quantity Market Share by Country (2018-2029)

Figure 66. South America Bio-based Pentamethylenediamine Consumption Value Market Share by Country (2018-2029)

Figure 67. Brazil Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Argentina Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity Market Share by Purity (2018-2029)

Figure 70. Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity Market Share by Application (2018-2029)

Figure 71. Middle East & Africa Bio-based Pentamethylenediamine Sales Quantity Market Share by Region (2018-2029)

Figure 72. Middle East & Africa Bio-based Pentamethylenediamine Consumption Value Market Share by Region (2018-2029)

Figure 73. Turkey Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Egypt Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Saudi Arabia Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. South Africa Bio-based Pentamethylenediamine Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. Bio-based Pentamethylenediamine Market Drivers

Figure 78. Bio-based Pentamethylenediamine Market Restraints

Figure 79. Bio-based Pentamethylenediamine Market Trends

Figure 80. Porters Five Forces Analysis

Figure 81. Manufacturing Cost Structure Analysis of Bio-based Pentamethylenediamine in 2022

Figure 82. Manufacturing Process Analysis of Bio-based Pentamethylenediamine

Figure 83. Bio-based Pentamethylenediamine Industrial Chain

Figure 84. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 85. Direct Channel Pros & Cons

Global Bio-based Pentamethylenediamine Market 2023 by Manufacturers, Regions, Type and Application, Forecast t...



Figure 86. Indirect Channel Pros & Cons Figure 87. Methodology Figure 88. Research Process and Data Source



I would like to order

Product name: Global Bio-based Pentamethylenediamine Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: https://marketpublishers.com/r/G74EC1901B71EN.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 <u>https://marketpublishers.com/r/G74EC1901B71EN.html</u>

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

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

**All fields are required

Custumer signature _____

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

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



Global Bio-based Pentamethylenediamine Market 2023 by Manufacturers, Regions, Type and Application, Forecast t...