

# Global Pentamethyldiethylenetriamine (PMDETA) Market Research Report 2023

<https://marketpublishers.com/r/G7668256F50EEN.html>

Date: December 2023

Pages: 91

Price: US\$ 2,900.00 (Single User License)

ID: G7668256F50EEN

## Abstracts

Pentamethyldiethylenetriamine (CAS 3030-47-5) is a light yellow to clear liquid with the molecular formula C<sub>9</sub>H<sub>23</sub>N<sub>3</sub>. It is a highly active catalyst for the polyurethane reaction. It is widely used in the production of polyurethane soft and rigid foams, which can improve the production process and product quality. It is also used as a raw material for quaternary ammonium salts.

According to QYResearch's new survey, global Pentamethyldiethylenetriamine (PMDETA) market is projected to reach US\$ 44 million in 2029, increasing from US\$ 33 million in 2022, with the CAGR of 4.6% during the period of 2023 to 2029. Influencing issues, such as economy environments, COVID-19 and Russia-Ukraine War, have led to great market fluctuations in the past few years and are considered comprehensively in the whole Pentamethyldiethylenetriamine (PMDETA) market research.

Key manufacturers engaged in the Pentamethyldiethylenetriamine (PMDETA) industry include Huntsman, Tosoh, Koei Chemical, Liyang Jiangdian Chemical, Warshel Chemical, Shandong Fousi Chemical, Tianjin Zhongxin Chemtech, Zhangjiagang City Dawei Assistants Industry and Dongguan Roumei New Material Technology, etc. Among those manufacturers, the top 3 players guaranteed % supply worldwide in 2022.

For production bases, global Pentamethyldiethylenetriamine (PMDETA) production is dominated by and . The two regions contributed to % production share globally in 2022.

When refers to consumption region, % volume of Pentamethyldiethylenetriamine (PMDETA) were sold to North America, Europe and Asia Pacific in 2022. Moreover, China, plays a key role in the whole Pentamethyldiethylenetriamine (PMDETA) market and estimated to attract more attentions from industry insiders and investors.

## Report Scope

This report, based on historical analysis (2018-2022) and forecast calculation (2023-2029), aims to help readers to get a comprehensive understanding of global Pentamethyldiethylenetriamine (PMDETA) market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

## By Company

Huntsman

Tosoh

Koei Chemical

Liyang Jiangdian Chemical

Warshel Chemical

Shandong Fousi Chemical

Tianjin Zhongxin Chemtech

Zhangjiagang City Dawei Assistants Industry

Dongguan Roumei New Material Technology

## Segment by Type

Purity 98%

Purity 99%

Others

## Segment by Application

Polyurethane Reaction Active Catalyst

Quaternary Ammonium Salt Raw Materials

Other

#### Production by Region

North America

Europe

China

Japan

#### Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

Latin America, Middle East & Africa

Mexico

Brazil

Turkey

GCC Countries

The Pentamethyldiethylenetriamine (PMDETA) report covers below items:

Chapter 1: Product Basic Information (Definition, type and application)

Chapter 2: Manufacturers' Competition Patterns

Chapter 3: Production Region Distribution and Analysis

Chapter 4: Country Level Sales Analysis

Chapter 5: Product Type Analysis

Chapter 6: Product Application Analysis

Chapter 7: Manufacturers' Outline

Chapter 8: Industry Chain, Market Channel and Customer Analysis

Chapter 9: Market Opportunities and Challenges

Chapter 10: Market Conclusions

Chapter 11: Research Methodology and Data Source

## Contents

### **1 PENTAMETHYLDIETHYLENETRIAMINE (PMDETA) MARKET OVERVIEW**

#### 1.1 Product Definition

#### 1.2 Pentamethyldiethylenetriamine (PMDETA) Segment by Type

##### 1.2.1 Global Pentamethyldiethylenetriamine (PMDETA) Market Value Growth Rate Analysis by Type 2022 VS 2029

##### 1.2.2 Purity 98%

##### 1.2.3 Purity 99%

##### 1.2.4 Others

#### 1.3 Pentamethyldiethylenetriamine (PMDETA) Segment by Application

##### 1.3.1 Global Pentamethyldiethylenetriamine (PMDETA) Market Value Growth Rate Analysis by Application: 2022 VS 2029

##### 1.3.2 Polyurethane Reaction Active Catalyst

##### 1.3.3 Quaternary Ammonium Salt Raw Materials

##### 1.3.4 Other

#### 1.4 Global Market Growth Prospects

##### 1.4.1 Global Pentamethyldiethylenetriamine (PMDETA) Production Value Estimates and Forecasts (2018-2029)

##### 1.4.2 Global Pentamethyldiethylenetriamine (PMDETA) Production Capacity Estimates and Forecasts (2018-2029)

##### 1.4.3 Global Pentamethyldiethylenetriamine (PMDETA) Production Estimates and Forecasts (2018-2029)

##### 1.4.4 Global Pentamethyldiethylenetriamine (PMDETA) Market Average Price Estimates and Forecasts (2018-2029)

#### 1.5 Assumptions and Limitations

### **2 MARKET COMPETITION BY MANUFACTURERS**

#### 2.1 Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share by Manufacturers (2018-2023)

#### 2.2 Global Pentamethyldiethylenetriamine (PMDETA) Production Value Market Share by Manufacturers (2018-2023)

#### 2.3 Global Key Players of Pentamethyldiethylenetriamine (PMDETA), Industry Ranking, 2021 VS 2022 VS 2023

#### 2.4 Global Pentamethyldiethylenetriamine (PMDETA) Market Share by Company Type (Tier 1, Tier 2 and Tier 3)

#### 2.5 Global Pentamethyldiethylenetriamine (PMDETA) Average Price by Manufacturers

(2018-2023)

2.6 Global Key Manufacturers of Pentamethyldiethylenetriamine (PMDETA),  
Manufacturing Base Distribution and Headquarters

2.7 Global Key Manufacturers of Pentamethyldiethylenetriamine (PMDETA), Product  
Offered and Application

2.8 Global Key Manufacturers of Pentamethyldiethylenetriamine (PMDETA), Date of  
Enter into This Industry

2.9 Pentamethyldiethylenetriamine (PMDETA) Market Competitive Situation and Trends

2.9.1 Pentamethyldiethylenetriamine (PMDETA) Market Concentration Rate

2.9.2 Global 5 and 10 Largest Pentamethyldiethylenetriamine (PMDETA) Players

Market Share by Revenue

2.10 Mergers & Acquisitions, Expansion

### **3 PENTAMETHYLDIETHYLENETRIAMINE (PMDETA) PRODUCTION BY REGION**

3.1 Global Pentamethyldiethylenetriamine (PMDETA) Production Value Estimates and  
Forecasts by Region: 2018 VS 2022 VS 2029

3.2 Global Pentamethyldiethylenetriamine (PMDETA) Production Value by Region  
(2018-2029)

3.2.1 Global Pentamethyldiethylenetriamine (PMDETA) Production Value Market  
Share by Region (2018-2023)

3.2.2 Global Forecasted Production Value of Pentamethyldiethylenetriamine  
(PMDETA) by Region (2024-2029)

3.3 Global Pentamethyldiethylenetriamine (PMDETA) Production Estimates and  
Forecasts by Region: 2018 VS 2022 VS 2029

3.4 Global Pentamethyldiethylenetriamine (PMDETA) Production by Region  
(2018-2029)

3.4.1 Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share by  
Region (2018-2023)

3.4.2 Global Forecasted Production of Pentamethyldiethylenetriamine (PMDETA) by  
Region (2024-2029)

3.5 Global Pentamethyldiethylenetriamine (PMDETA) Market Price Analysis by Region  
(2018-2023)

3.6 Global Pentamethyldiethylenetriamine (PMDETA) Production and Value, Year-over-  
Year Growth

3.6.1 North America Pentamethyldiethylenetriamine (PMDETA) Production Value  
Estimates and Forecasts (2018-2029)

3.6.2 Europe Pentamethyldiethylenetriamine (PMDETA) Production Value Estimates  
and Forecasts (2018-2029)

3.6.3 China Pentamethyldiethylenetriamine (PMDETA) Production Value Estimates and Forecasts (2018-2029)

3.6.4 Japan Pentamethyldiethylenetriamine (PMDETA) Production Value Estimates and Forecasts (2018-2029)

## **4 PENTAMETHYLDIETHYLENETRIAMINE (PMDETA) CONSUMPTION BY REGION**

4.1 Global Pentamethyldiethylenetriamine (PMDETA) Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

4.2 Global Pentamethyldiethylenetriamine (PMDETA) Consumption by Region (2018-2029)

4.2.1 Global Pentamethyldiethylenetriamine (PMDETA) Consumption by Region (2018-2023)

4.2.2 Global Pentamethyldiethylenetriamine (PMDETA) Forecasted Consumption by Region (2024-2029)

4.3 North America

4.3.1 North America Pentamethyldiethylenetriamine (PMDETA) Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

4.3.2 North America Pentamethyldiethylenetriamine (PMDETA) Consumption by Country (2018-2029)

4.3.3 United States

4.3.4 Canada

4.4 Europe

4.4.1 Europe Pentamethyldiethylenetriamine (PMDETA) Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

4.4.2 Europe Pentamethyldiethylenetriamine (PMDETA) Consumption by Country (2018-2029)

4.4.3 Germany

4.4.4 France

4.4.5 U.K.

4.4.6 Italy

4.4.7 Russia

4.5 Asia Pacific

4.5.1 Asia Pacific Pentamethyldiethylenetriamine (PMDETA) Consumption Growth Rate by Region: 2018 VS 2022 VS 2029

4.5.2 Asia Pacific Pentamethyldiethylenetriamine (PMDETA) Consumption by Region (2018-2029)

4.5.3 China

4.5.4 Japan



- 4.5.5 South Korea
- 4.5.6 China Taiwan
- 4.5.7 Southeast Asia
- 4.5.8 India
- 4.6 Latin America, Middle East & Africa
  - 4.6.1 Latin America, Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
  - 4.6.2 Latin America, Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Consumption by Country (2018-2029)
    - 4.6.3 Mexico
    - 4.6.4 Brazil
    - 4.6.5 Turkey

## **5 SEGMENT BY TYPE**

- 5.1 Global Pentamethyldiethylenetriamine (PMDETA) Production by Type (2018-2029)
  - 5.1.1 Global Pentamethyldiethylenetriamine (PMDETA) Production by Type (2018-2023)
  - 5.1.2 Global Pentamethyldiethylenetriamine (PMDETA) Production by Type (2024-2029)
  - 5.1.3 Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share by Type (2018-2029)
- 5.2 Global Pentamethyldiethylenetriamine (PMDETA) Production Value by Type (2018-2029)
  - 5.2.1 Global Pentamethyldiethylenetriamine (PMDETA) Production Value by Type (2018-2023)
  - 5.2.2 Global Pentamethyldiethylenetriamine (PMDETA) Production Value by Type (2024-2029)
  - 5.2.3 Global Pentamethyldiethylenetriamine (PMDETA) Production Value Market Share by Type (2018-2029)
- 5.3 Global Pentamethyldiethylenetriamine (PMDETA) Price by Type (2018-2029)

## **6 SEGMENT BY APPLICATION**

- 6.1 Global Pentamethyldiethylenetriamine (PMDETA) Production by Application (2018-2029)
  - 6.1.1 Global Pentamethyldiethylenetriamine (PMDETA) Production by Application (2018-2023)
  - 6.1.2 Global Pentamethyldiethylenetriamine (PMDETA) Production by Application

(2024-2029)

6.1.3 Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share by Application (2018-2029)

6.2 Global Pentamethyldiethylenetriamine (PMDETA) Production Value by Application (2018-2029)

6.2.1 Global Pentamethyldiethylenetriamine (PMDETA) Production Value by Application (2018-2023)

6.2.2 Global Pentamethyldiethylenetriamine (PMDETA) Production Value by Application (2024-2029)

6.2.3 Global Pentamethyldiethylenetriamine (PMDETA) Production Value Market Share by Application (2018-2029)

6.3 Global Pentamethyldiethylenetriamine (PMDETA) Price by Application (2018-2029)

## **7 KEY COMPANIES PROFILED**

7.1 Huntsman

7.1.1 Huntsman Pentamethyldiethylenetriamine (PMDETA) Corporation Information

7.1.2 Huntsman Pentamethyldiethylenetriamine (PMDETA) Product Portfolio

7.1.3 Huntsman Pentamethyldiethylenetriamine (PMDETA) Production, Value, Price and Gross Margin (2018-2023)

7.1.4 Huntsman Main Business and Markets Served

7.1.5 Huntsman Recent Developments/Updates

7.2 Tosoh

7.2.1 Tosoh Pentamethyldiethylenetriamine (PMDETA) Corporation Information

7.2.2 Tosoh Pentamethyldiethylenetriamine (PMDETA) Product Portfolio

7.2.3 Tosoh Pentamethyldiethylenetriamine (PMDETA) Production, Value, Price and Gross Margin (2018-2023)

7.2.4 Tosoh Main Business and Markets Served

7.2.5 Tosoh Recent Developments/Updates

7.3 Koei Chemical

7.3.1 Koei Chemical Pentamethyldiethylenetriamine (PMDETA) Corporation Information

7.3.2 Koei Chemical Pentamethyldiethylenetriamine (PMDETA) Product Portfolio

7.3.3 Koei Chemical Pentamethyldiethylenetriamine (PMDETA) Production, Value, Price and Gross Margin (2018-2023)

7.3.4 Koei Chemical Main Business and Markets Served

7.3.5 Koei Chemical Recent Developments/Updates

7.4 Liyang Jiangdian Chemical

7.4.1 Liyang Jiangdian Chemical Pentamethyldiethylenetriamine (PMDETA)

## Corporation Information

7.4.2 Liyang Jiangdian Chemical Pentamethyldiethylenetriamine (PMDETA) Product Portfolio

7.4.3 Liyang Jiangdian Chemical Pentamethyldiethylenetriamine (PMDETA) Production, Value, Price and Gross Margin (2018-2023)

7.4.4 Liyang Jiangdian Chemical Main Business and Markets Served

7.4.5 Liyang Jiangdian Chemical Recent Developments/Updates

## 7.5 Warshel Chemical

7.5.1 Warshel Chemical Pentamethyldiethylenetriamine (PMDETA) Corporation Information

7.5.2 Warshel Chemical Pentamethyldiethylenetriamine (PMDETA) Product Portfolio

7.5.3 Warshel Chemical Pentamethyldiethylenetriamine (PMDETA) Production, Value, Price and Gross Margin (2018-2023)

7.5.4 Warshel Chemical Main Business and Markets Served

7.5.5 Warshel Chemical Recent Developments/Updates

## 7.6 Shandong Fousi Chemical

7.6.1 Shandong Fousi Chemical Pentamethyldiethylenetriamine (PMDETA) Corporation Information

7.6.2 Shandong Fousi Chemical Pentamethyldiethylenetriamine (PMDETA) Product Portfolio

7.6.3 Shandong Fousi Chemical Pentamethyldiethylenetriamine (PMDETA) Production, Value, Price and Gross Margin (2018-2023)

7.6.4 Shandong Fousi Chemical Main Business and Markets Served

7.6.5 Shandong Fousi Chemical Recent Developments/Updates

## 7.7 Tianjin Zhongxin Chemtech

7.7.1 Tianjin Zhongxin Chemtech Pentamethyldiethylenetriamine (PMDETA) Corporation Information

7.7.2 Tianjin Zhongxin Chemtech Pentamethyldiethylenetriamine (PMDETA) Product Portfolio

7.7.3 Tianjin Zhongxin Chemtech Pentamethyldiethylenetriamine (PMDETA) Production, Value, Price and Gross Margin (2018-2023)

7.7.4 Tianjin Zhongxin Chemtech Main Business and Markets Served

7.7.5 Tianjin Zhongxin Chemtech Recent Developments/Updates

## 7.8 Zhangjiagang City Dawei Assistants Industry

7.8.1 Zhangjiagang City Dawei Assistants Industry Pentamethyldiethylenetriamine (PMDETA) Corporation Information

7.8.2 Zhangjiagang City Dawei Assistants Industry Pentamethyldiethylenetriamine (PMDETA) Product Portfolio

7.8.3 Zhangjiagang City Dawei Assistants Industry Pentamethyldiethylenetriamine

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

7.8.4 Zhangjiagang City Dawei Assistants Industry Main Business and Markets Served

7.7.5 Zhangjiagang City Dawei Assistants Industry Recent Developments/Updates

7.9 Dongguan Roumei New Material Technology

7.9.1 Dongguan Roumei New Material Technology Pentamethyldiethylenetriamine (PMDETA) Corporation Information

7.9.2 Dongguan Roumei New Material Technology Pentamethyldiethylenetriamine (PMDETA) Product Portfolio

7.9.3 Dongguan Roumei New Material Technology Pentamethyldiethylenetriamine (PMDETA) Production, Value, Price and Gross Margin (2018-2023)

7.9.4 Dongguan Roumei New Material Technology Main Business and Markets Served

7.9.5 Dongguan Roumei New Material Technology Recent Developments/Updates

## **8 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS**

8.1 Pentamethyldiethylenetriamine (PMDETA) Industry Chain Analysis

8.2 Pentamethyldiethylenetriamine (PMDETA) Key Raw Materials

8.2.1 Key Raw Materials

8.2.2 Raw Materials Key Suppliers

8.3 Pentamethyldiethylenetriamine (PMDETA) Production Mode & Process

8.4 Pentamethyldiethylenetriamine (PMDETA) Sales and Marketing

8.4.1 Pentamethyldiethylenetriamine (PMDETA) Sales Channels

8.4.2 Pentamethyldiethylenetriamine (PMDETA) Distributors

8.5 Pentamethyldiethylenetriamine (PMDETA) Customers

## **9 PENTAMETHYLDIETHYLENETRIAMINE (PMDETA) MARKET DYNAMICS**

9.1 Pentamethyldiethylenetriamine (PMDETA) Industry Trends

9.2 Pentamethyldiethylenetriamine (PMDETA) Market Drivers

9.3 Pentamethyldiethylenetriamine (PMDETA) Market Challenges

9.4 Pentamethyldiethylenetriamine (PMDETA) Market Restraints

## **10 RESEARCH FINDING AND CONCLUSION**

## **11 METHODOLOGY AND DATA SOURCE**

11.1 Methodology/Research Approach

11.1.1 Research Programs/Design

- 11.1.2 Market Size Estimation
- 11.1.3 Market Breakdown and Data Triangulation
- 11.2 Data Source
  - 11.2.1 Secondary Sources
  - 11.2.2 Primary Sources
- 11.3 Author List
- 11.4 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Pentamethyldiethylenetriamine (PMDETA) Market Value by Type, (US\$ Million) & (2022 VS 2029)

Table 2. Global Pentamethyldiethylenetriamine (PMDETA) Market Value by Application, (US\$ Million) & (2022 VS 2029)

Table 3. Global Pentamethyldiethylenetriamine (PMDETA) Production Capacity (Kiloton) by Manufacturers in 2022

Table 4. Global Pentamethyldiethylenetriamine (PMDETA) Production by Manufacturers (2018-2023) & (Kiloton)

Table 5. Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share by Manufacturers (2018-2023)

Table 6. Global Pentamethyldiethylenetriamine (PMDETA) Production Value by Manufacturers (2018-2023) & (US\$ Million)

Table 7. Global Pentamethyldiethylenetriamine (PMDETA) Production Value Share by Manufacturers (2018-2023)

Table 8. Global Pentamethyldiethylenetriamine (PMDETA) Industry Ranking 2021 VS 2022 VS 2023

Table 9. Company Type (Tier 1, Tier 2 and Tier 3) & (based on the Revenue in Pentamethyldiethylenetriamine (PMDETA) as of 2022)

Table 10. Global Market Pentamethyldiethylenetriamine (PMDETA) Average Price by Manufacturers (US\$/Ton) & (2018-2023)

Table 11. Manufacturers Pentamethyldiethylenetriamine (PMDETA) Production Sites and Area Served

Table 12. Manufacturers Pentamethyldiethylenetriamine (PMDETA) Product Types

Table 13. Global Pentamethyldiethylenetriamine (PMDETA) Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion

Table 15. Global Pentamethyldiethylenetriamine (PMDETA) Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 16. Global Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$ Million) by Region (2018-2023)

Table 17. Global Pentamethyldiethylenetriamine (PMDETA) Production Value Market Share by Region (2018-2023)

Table 18. Global Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$ Million) Forecast by Region (2024-2029)

Table 19. Global Pentamethyldiethylenetriamine (PMDETA) Production Value Market

Share Forecast by Region (2024-2029)

Table 20. Global Pentamethyldiethylenetriamine (PMDETA) Production Comparison by Region: 2018 VS 2022 VS 2029 (Kiloton)

Table 21. Global Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton) by Region (2018-2023)

Table 22. Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share by Region (2018-2023)

Table 23. Global Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton) Forecast by Region (2024-2029)

Table 24. Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share Forecast by Region (2024-2029)

Table 25. Global Pentamethyldiethylenetriamine (PMDETA) Market Average Price (US\$/Ton) by Region (2018-2023)

Table 26. Global Pentamethyldiethylenetriamine (PMDETA) Market Average Price (US\$/Ton) by Region (2024-2029)

Table 27. Global Pentamethyldiethylenetriamine (PMDETA) Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (Kiloton)

Table 28. Global Pentamethyldiethylenetriamine (PMDETA) Consumption by Region (2018-2023) & (Kiloton)

Table 29. Global Pentamethyldiethylenetriamine (PMDETA) Consumption Market Share by Region (2018-2023)

Table 30. Global Pentamethyldiethylenetriamine (PMDETA) Forecasted Consumption by Region (2024-2029) & (Kiloton)

Table 31. Global Pentamethyldiethylenetriamine (PMDETA) Forecasted Consumption Market Share by Region (2018-2023)

Table 32. North America Pentamethyldiethylenetriamine (PMDETA) Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Kiloton)

Table 33. North America Pentamethyldiethylenetriamine (PMDETA) Consumption by Country (2018-2023) & (Kiloton)

Table 34. North America Pentamethyldiethylenetriamine (PMDETA) Consumption by Country (2024-2029) & (Kiloton)

Table 35. Europe Pentamethyldiethylenetriamine (PMDETA) Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Kiloton)

Table 36. Europe Pentamethyldiethylenetriamine (PMDETA) Consumption by Country (2018-2023) & (Kiloton)

Table 37. Europe Pentamethyldiethylenetriamine (PMDETA) Consumption by Country (2024-2029) & (Kiloton)

Table 38. Asia Pacific Pentamethyldiethylenetriamine (PMDETA) Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (Kiloton)

Table 39. Asia Pacific Pentamethyldiethylenetriamine (PMDETA) Consumption by Region (2018-2023) & (Kiloton)

Table 40. Asia Pacific Pentamethyldiethylenetriamine (PMDETA) Consumption by Region (2024-2029) & (Kiloton)

Table 41. Latin America, Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Kiloton)

Table 42. Latin America, Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Consumption by Country (2018-2023) & (Kiloton)

Table 43. Latin America, Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Consumption by Country (2024-2029) & (Kiloton)

Table 44. Global Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton) by Type (2018-2023)

Table 45. Global Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton) by Type (2024-2029)

Table 46. Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share by Type (2018-2023)

Table 47. Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share by Type (2024-2029)

Table 48. Global Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$ Million) by Type (2018-2023)

Table 49. Global Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$ Million) by Type (2024-2029)

Table 50. Global Pentamethyldiethylenetriamine (PMDETA) Production Value Share by Type (2018-2023)

Table 51. Global Pentamethyldiethylenetriamine (PMDETA) Production Value Share by Type (2024-2029)

Table 52. Global Pentamethyldiethylenetriamine (PMDETA) Price (US\$/Ton) by Type (2018-2023)

Table 53. Global Pentamethyldiethylenetriamine (PMDETA) Price (US\$/Ton) by Type (2024-2029)

Table 54. Global Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton) by Application (2018-2023)

Table 55. Global Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton) by Application (2024-2029)

Table 56. Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share by Application (2018-2023)

Table 57. Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share by Application (2024-2029)

Table 58. Global Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$



Million) by Application (2018-2023)

Table 59. Global Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$ Million) by Application (2024-2029)

Table 60. Global Pentamethyldiethylenetriamine (PMDETA) Production Value Share by Application (2018-2023)

Table 61. Global Pentamethyldiethylenetriamine (PMDETA) Production Value Share by Application (2024-2029)

Table 62. Global Pentamethyldiethylenetriamine (PMDETA) Price (US\$/Ton) by Application (2018-2023)

Table 63. Global Pentamethyldiethylenetriamine (PMDETA) Price (US\$/Ton) by Application (2024-2029)

Table 64. Huntsman Pentamethyldiethylenetriamine (PMDETA) Corporation Information

Table 65. Huntsman Specification and Application

Table 66. Huntsman Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 67. Huntsman Main Business and Markets Served

Table 68. Huntsman Recent Developments/Updates

Table 69. Tosoh Pentamethyldiethylenetriamine (PMDETA) Corporation Information

Table 70. Tosoh Specification and Application

Table 71. Tosoh Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 72. Tosoh Main Business and Markets Served

Table 73. Tosoh Recent Developments/Updates

Table 74. Koei Chemical Pentamethyldiethylenetriamine (PMDETA) Corporation Information

Table 75. Koei Chemical Specification and Application

Table 76. Koei Chemical Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 77. Koei Chemical Main Business and Markets Served

Table 78. Koei Chemical Recent Developments/Updates

Table 79. Liyang Jiangdian Chemical Pentamethyldiethylenetriamine (PMDETA) Corporation Information

Table 80. Liyang Jiangdian Chemical Specification and Application

Table 81. Liyang Jiangdian Chemical Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 82. Liyang Jiangdian Chemical Main Business and Markets Served

Table 83. Liyang Jiangdian Chemical Recent Developments/Updates

Table 84. Warshel Chemical Pentamethyldiethylenetriamine (PMDETA) Corporation

## Information

Table 85. Warshel Chemical Specification and Application

Table 86. Warshel Chemical Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 87. Warshel Chemical Main Business and Markets Served

Table 88. Warshel Chemical Recent Developments/Updates

Table 89. Shandong Fousi Chemical Pentamethyldiethylenetriamine (PMDETA) Corporation Information

Table 90. Shandong Fousi Chemical Specification and Application

Table 91. Shandong Fousi Chemical Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 92. Shandong Fousi Chemical Main Business and Markets Served

Table 93. Shandong Fousi Chemical Recent Developments/Updates

Table 94. Tianjin Zhongxin Chemtech Pentamethyldiethylenetriamine (PMDETA) Corporation Information

Table 95. Tianjin Zhongxin Chemtech Specification and Application

Table 96. Tianjin Zhongxin Chemtech Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 97. Tianjin Zhongxin Chemtech Main Business and Markets Served

Table 98. Tianjin Zhongxin Chemtech Recent Developments/Updates

Table 99. Zhangjiagang City Dawei Assistants Industry Pentamethyldiethylenetriamine (PMDETA) Corporation Information

Table 100. Zhangjiagang City Dawei Assistants Industry Specification and Application

Table 101. Zhangjiagang City Dawei Assistants Industry Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 102. Zhangjiagang City Dawei Assistants Industry Main Business and Markets Served

Table 103. Zhangjiagang City Dawei Assistants Industry Recent Developments/Updates

Table 104. Dongguan Roumei New Material Technology Pentamethyldiethylenetriamine (PMDETA) Corporation Information

Table 105. Dongguan Roumei New Material Technology Specification and Application

Table 106. Dongguan Roumei New Material Technology Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 107. Dongguan Roumei New Material Technology Main Business and Markets Served

Table 108. Dongguan Roumei New Material Technology Recent Developments/Updates

Table 109. Key Raw Materials Lists

Table 110. Raw Materials Key Suppliers Lists

Table 111. Pentamethyldiethylenetriamine (PMDETA) Distributors List

Table 112. Pentamethyldiethylenetriamine (PMDETA) Customers List

Table 113. Pentamethyldiethylenetriamine (PMDETA) Market Trends

Table 114. Pentamethyldiethylenetriamine (PMDETA) Market Drivers

Table 115. Pentamethyldiethylenetriamine (PMDETA) Market Challenges

Table 116. Pentamethyldiethylenetriamine (PMDETA) Market Restraints

Table 117. Research Programs/Design for This Report

Table 118. Key Data Information from Secondary Sources

Table 119. Key Data Information from Primary Sources

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Pentamethyldiethylenetriamine (PMDETA)
- Figure 2. Global Pentamethyldiethylenetriamine (PMDETA) Market Value by Type, (US\$ Million) & (2022 VS 2029)
- Figure 3. Global Pentamethyldiethylenetriamine (PMDETA) Market Share by Type: 2022 VS 2029
- Figure 4. Purity 98% Product Picture
- Figure 5. Purity 99% Product Picture
- Figure 6. Others Product Picture
- Figure 7. Global Pentamethyldiethylenetriamine (PMDETA) Market Value by Application, (US\$ Million) & (2022 VS 2029)
- Figure 8. Global Pentamethyldiethylenetriamine (PMDETA) Market Share by Application: 2022 VS 2029
- Figure 9. Polyurethane Reaction Active Catalyst
- Figure 10. Quaternary Ammonium Salt Raw Materials
- Figure 11. Other
- Figure 12. Global Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$ Million), 2018 VS 2022 VS 2029
- Figure 13. Global Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$ Million) & (2018-2029)
- Figure 14. Global Pentamethyldiethylenetriamine (PMDETA) Production Capacity (Kiloton) & (2018-2029)
- Figure 15. Global Pentamethyldiethylenetriamine (PMDETA) Production (Kiloton) & (2018-2029)
- Figure 16. Global Pentamethyldiethylenetriamine (PMDETA) Average Price (US\$/Ton) & (2018-2029)
- Figure 17. Pentamethyldiethylenetriamine (PMDETA) Report Years Considered
- Figure 18. Pentamethyldiethylenetriamine (PMDETA) Production Share by Manufacturers in 2022
- Figure 19. Pentamethyldiethylenetriamine (PMDETA) Market Share by Company Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022
- Figure 20. The Global 5 and 10 Largest Players: Market Share by Pentamethyldiethylenetriamine (PMDETA) Revenue in 2022
- Figure 21. Global Pentamethyldiethylenetriamine (PMDETA) Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Figure 22. Global Pentamethyldiethylenetriamine (PMDETA) Production Value Market

Share by Region: 2018 VS 2022 VS 2029

Figure 23. Global Pentamethyldiethylenetriamine (PMDETA) Production Comparison by Region: 2018 VS 2022 VS 2029 (Kiloton)

Figure 24. Global Pentamethyldiethylenetriamine (PMDETA) Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 25. North America Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 26. Europe Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 27. China Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. Japan Pentamethyldiethylenetriamine (PMDETA) Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. Global Pentamethyldiethylenetriamine (PMDETA) Consumption by Region: 2018 VS 2022 VS 2029 (Kiloton)

Figure 30. Global Pentamethyldiethylenetriamine (PMDETA) Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 31. North America Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 32. North America Pentamethyldiethylenetriamine (PMDETA) Consumption Market Share by Country (2018-2029)

Figure 33. Canada Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 34. U.S. Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 35. Europe Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 36. Europe Pentamethyldiethylenetriamine (PMDETA) Consumption Market Share by Country (2018-2029)

Figure 37. Germany Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 38. France Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 39. U.K. Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 40. Italy Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 41. Russia Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 42. Asia Pacific Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 43. Asia Pacific Pentamethyldiethylenetriamine (PMDETA) Consumption Market Share by Regions (2018-2029)

Figure 44. China Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 45. Japan Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 46. South Korea Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 47. China Taiwan Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 48. Southeast Asia Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 49. India Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 50. Latin America, Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 51. Latin America, Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Consumption Market Share by Country (2018-2029)

Figure 52. Mexico Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 53. Brazil Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 54. Turkey Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 55. GCC Countries Pentamethyldiethylenetriamine (PMDETA) Consumption and Growth Rate (2018-2023) & (Kiloton)

Figure 56. Global Production Market Share of Pentamethyldiethylenetriamine (PMDETA) by Type (2018-2029)

Figure 57. Global Production Value Market Share of Pentamethyldiethylenetriamine (PMDETA) by Type (2018-2029)

Figure 58. Global Pentamethyldiethylenetriamine (PMDETA) Price (US\$/Ton) by Type (2018-2029)

Figure 59. Global Production Market Share of Pentamethyldiethylenetriamine (PMDETA) by Application (2018-2029)

Figure 60. Global Production Value Market Share of Pentamethyldiethylenetriamine (PMDETA) by Application (2018-2029)

Figure 61. Global Pentamethyldiethylenetriamine (PMDETA) Price (US\$/Ton) by

Application (2018-2029)

Figure 62. Pentamethyldiethylenetriamine (PMDETA) Value Chain

Figure 63. Pentamethyldiethylenetriamine (PMDETA) Production Process

Figure 64. Channels of Distribution (Direct Vs Distribution)

Figure 65. Distributors Profiles

Figure 66. Bottom-up and Top-down Approaches for This Report

Figure 67. Data Triangulation

## I would like to order

Product name: Global Pentamethyldiethylenetriamine (PMDETA) Market Research Report 2023

Product link: <https://marketpublishers.com/r/G7668256F50EEN.html>

Price: US\$ 2,900.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7668256F50EEN.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