

# Global Pentamethyldiethylenetriamine (PMDETA) Market Growth 2023-2029

https://marketpublishers.com/r/G1CBD1C1541BEN.html

Date: January 2023 Pages: 103 Price: US\$ 3,660.00 (Single User License) ID: G1CBD1C1541BEN

# **Abstracts**

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

Pentamethyldiethylenetriamine (CAS 3030-47-5) is a light yellow to clear liquid with the molecular formula C9H23N3. 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.

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

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



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

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

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

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

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

Global key Pentamethyldiethylenetriamine (PMDETA) players cover Huntsman, Tosoh, Koei Chemical, Liyang Jiangdian Chemical, Warshel Chemical, Newtop Chemical Materials (Shanghai), Capot Chemical, Shandong Fousi Chemical and Tianjin Zhongxin Chemtech, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Pentamethyldiethylenetriamine (PMDETA) market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Purity 98%



Purity 99%

Others

#### Segmentation by application

Polyurethane Reaction Active Catalyst

Quaternary Ammonium Salt Raw Materials

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

#### APAC

China

Japan

Korea

Southeast Asia

India



#### Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

**GCC** Countries

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

Huntsman

Tosoh

Koei Chemical

Liyang Jiangdian Chemical



Warshel Chemical

Newtop Chemical Materials (Shanghai)

**Capot Chemical** 

Shandong Fousi Chemical

Tianjin Zhongxin Chemtech

Haihang Industry

Zhangjiagang City Dawei Assistants Industry

Dongguan Roumei New Material Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Pentamethyldiethylenetriamine (PMDETA) market?

What factors are driving Pentamethyldiethylenetriamine (PMDETA) market growth, globally and by region?

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

How do Pentamethyldiethylenetriamine (PMDETA) market opportunities vary by end market size?

How does Pentamethyldiethylenetriamine (PMDETA) break out type, application?

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



# Contents

#### **1 SCOPE OF THE REPORT**

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

#### **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
  - 2.1.1 Global Pentamethyldiethylenetriamine (PMDETA) Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Pentamethyldiethylenetriamine (PMDETA) by Geographic Region, 2018, 2022 & 2029

2.1.3 World Current & Future Analysis for Pentamethyldiethylenetriamine (PMDETA) by Country/Region, 2018, 2022 & 2029

2.2 Pentamethyldiethylenetriamine (PMDETA) Segment by Type

- 2.2.1 Purity 98%
- 2.2.2 Purity 99%
- 2.2.3 Others

2.3 Pentamethyldiethylenetriamine (PMDETA) Sales by Type

2.3.1 Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Type (2018-2023)

2.3.2 Global Pentamethyldiethylenetriamine (PMDETA) Revenue and Market Share by Type (2018-2023)

2.3.3 Global Pentamethyldiethylenetriamine (PMDETA) Sale Price by Type (2018-2023)

2.4 Pentamethyldiethylenetriamine (PMDETA) Segment by Application

- 2.4.1 Polyurethane Reaction Active Catalyst
- 2.4.2 Quaternary Ammonium Salt Raw Materials
- 2.4.3 Other
- 2.5 Pentamethyldiethylenetriamine (PMDETA) Sales by Application

2.5.1 Global Pentamethyldiethylenetriamine (PMDETA) Sale Market Share by Application (2018-2023)



2.5.2 Global Pentamethyldiethylenetriamine (PMDETA) Revenue and Market Share by Application (2018-2023)

2.5.3 Global Pentamethyldiethylenetriamine (PMDETA) Sale Price by Application (2018-2023)

#### 3 GLOBAL PENTAMETHYLDIETHYLENETRIAMINE (PMDETA) BY COMPANY

3.1 Global Pentamethyldiethylenetriamine (PMDETA) Breakdown Data by Company

3.1.1 Global Pentamethyldiethylenetriamine (PMDETA) Annual Sales by Company (2018-2023)

3.1.2 Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Company (2018-2023)

3.2 Global Pentamethyldiethylenetriamine (PMDETA) Annual Revenue by Company (2018-2023)

3.2.1 Global Pentamethyldiethylenetriamine (PMDETA) Revenue by Company (2018-2023)

3.2.2 Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Company (2018-2023)

3.3 Global Pentamethyldiethylenetriamine (PMDETA) Sale Price by Company

3.4 Key Manufacturers Pentamethyldiethylenetriamine (PMDETA) Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Pentamethyldiethylenetriamine (PMDETA) Product Location Distribution

3.4.2 Players Pentamethyldiethylenetriamine (PMDETA) Products Offered 3.5 Market Concentration Rate Analysis

- 3.5.1 Competition Landscape Analysis
- 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

### 4 WORLD HISTORIC REVIEW FOR PENTAMETHYLDIETHYLENETRIAMINE (PMDETA) BY GEOGRAPHIC REGION

4.1 World Historic Pentamethyldiethylenetriamine (PMDETA) Market Size by Geographic Region (2018-2023)

4.1.1 Global Pentamethyldiethylenetriamine (PMDETA) Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Pentamethyldiethylenetriamine (PMDETA) Annual Revenue by Geographic Region (2018-2023)



4.2 World Historic Pentamethyldiethylenetriamine (PMDETA) Market Size by Country/Region (2018-2023)

4.2.1 Global Pentamethyldiethylenetriamine (PMDETA) Annual Sales by Country/Region (2018-2023)

4.2.2 Global Pentamethyldiethylenetriamine (PMDETA) Annual Revenue by Country/Region (2018-2023)

4.3 Americas Pentamethyldiethylenetriamine (PMDETA) Sales Growth

4.4 APAC Pentamethyldiethylenetriamine (PMDETA) Sales Growth

4.5 Europe Pentamethyldiethylenetriamine (PMDETA) Sales Growth

4.6 Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales Growth

### **5 AMERICAS**

5.1 Americas Pentamethyldiethylenetriamine (PMDETA) Sales by Country

5.1.1 Americas Pentamethyldiethylenetriamine (PMDETA) Sales by Country (2018-2023)

5.1.2 Americas Pentamethyldiethylenetriamine (PMDETA) Revenue by Country (2018-2023)

5.2 Americas Pentamethyldiethylenetriamine (PMDETA) Sales by Type

5.3 Americas Pentamethyldiethylenetriamine (PMDETA) Sales by Application

- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

# 6 APAC

6.1 APAC Pentamethyldiethylenetriamine (PMDETA) Sales by Region

6.1.1 APAC Pentamethyldiethylenetriamine (PMDETA) Sales by Region (2018-2023)

6.1.2 APAC Pentamethyldiethylenetriamine (PMDETA) Revenue by Region (2018-2023)

6.2 APAC Pentamethyldiethylenetriamine (PMDETA) Sales by Type

- 6.3 APAC Pentamethyldiethylenetriamine (PMDETA) Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia



#### 6.10 China Taiwan

#### 7 EUROPE

- 7.1 Europe Pentamethyldiethylenetriamine (PMDETA) by Country
- 7.1.1 Europe Pentamethyldiethylenetriamine (PMDETA) Sales by Country (2018-2023)
- 7.1.2 Europe Pentamethyldiethylenetriamine (PMDETA) Revenue by Country (2018-2023)
- 7.2 Europe Pentamethyldiethylenetriamine (PMDETA) Sales by Type
- 7.3 Europe Pentamethyldiethylenetriamine (PMDETA) Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

#### 8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) by Country

8.1.1 Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales by Country (2018-2023)

8.1.2 Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Revenue by Country (2018-2023)

8.2 Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales by Type 8.3 Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales by Application

- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

#### 9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

#### **10 MANUFACTURING COST STRUCTURE ANALYSIS**



10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Pentamethyldiethylenetriamine (PMDETA)

10.3 Manufacturing Process Analysis of Pentamethyldiethylenetriamine (PMDETA)

10.4 Industry Chain Structure of Pentamethyldiethylenetriamine (PMDETA)

### 11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
- 11.1.1 Direct Channels
- 11.1.2 Indirect Channels
- 11.2 Pentamethyldiethylenetriamine (PMDETA) Distributors
- 11.3 Pentamethyldiethylenetriamine (PMDETA) Customer

# 12 WORLD FORECAST REVIEW FOR PENTAMETHYLDIETHYLENETRIAMINE (PMDETA) BY GEOGRAPHIC REGION

12.1 Global Pentamethyldiethylenetriamine (PMDETA) Market Size Forecast by Region

12.1.1 Global Pentamethyldiethylenetriamine (PMDETA) Forecast by Region (2024-2029)

12.1.2 Global Pentamethyldiethylenetriamine (PMDETA) Annual Revenue Forecast by Region (2024-2029)

12.2 Americas Forecast by Country

- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Pentamethyldiethylenetriamine (PMDETA) Forecast by Type
- 12.7 Global Pentamethyldiethylenetriamine (PMDETA) Forecast by Application

# 13 KEY PLAYERS ANALYSIS

13.1 Huntsman

13.1.1 Huntsman Company Information

13.1.2 Huntsman Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

13.1.3 Huntsman Pentamethyldiethylenetriamine (PMDETA) Sales, Revenue, Price and Gross Margin (2018-2023)

13.1.4 Huntsman Main Business Overview



13.1.5 Huntsman Latest Developments

13.2 Tosoh

13.2.1 Tosoh Company Information

13.2.2 Tosoh Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

13.2.3 Tosoh Pentamethyldiethylenetriamine (PMDETA) Sales, Revenue, Price and Gross Margin (2018-2023)

13.2.4 Tosoh Main Business Overview

13.2.5 Tosoh Latest Developments

13.3 Koei Chemical

13.3.1 Koei Chemical Company Information

13.3.2 Koei Chemical Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

13.3.3 Koei Chemical Pentamethyldiethylenetriamine (PMDETA) Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 Koei Chemical Main Business Overview

13.3.5 Koei Chemical Latest Developments

13.4 Liyang Jiangdian Chemical

13.4.1 Liyang Jiangdian Chemical Company Information

13.4.2 Liyang Jiangdian Chemical Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

13.4.3 Liyang Jiangdian Chemical Pentamethyldiethylenetriamine (PMDETA) Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 Liyang Jiangdian Chemical Main Business Overview

13.4.5 Liyang Jiangdian Chemical Latest Developments

13.5 Warshel Chemical

13.5.1 Warshel Chemical Company Information

13.5.2 Warshel Chemical Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

13.5.3 Warshel Chemical Pentamethyldiethylenetriamine (PMDETA) Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 Warshel Chemical Main Business Overview

13.5.5 Warshel Chemical Latest Developments

13.6 Newtop Chemical Materials (Shanghai)

13.6.1 Newtop Chemical Materials (Shanghai) Company Information

13.6.2 Newtop Chemical Materials (Shanghai) Pentamethyldiethylenetriamine

(PMDETA) Product Portfolios and Specifications

13.6.3 Newtop Chemical Materials (Shanghai) Pentamethyldiethylenetriamine (PMDETA) Sales, Revenue, Price and Gross Margin (2018-2023)



13.6.4 Newtop Chemical Materials (Shanghai) Main Business Overview

13.6.5 Newtop Chemical Materials (Shanghai) Latest Developments

13.7 Capot Chemical

13.7.1 Capot Chemical Company Information

13.7.2 Capot Chemical Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

13.7.3 Capot Chemical Pentamethyldiethylenetriamine (PMDETA) Sales, Revenue, Price and Gross Margin (2018-2023)

13.7.4 Capot Chemical Main Business Overview

13.7.5 Capot Chemical Latest Developments

13.8 Shandong Fousi Chemical

13.8.1 Shandong Fousi Chemical Company Information

13.8.2 Shandong Fousi Chemical Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

13.8.3 Shandong Fousi Chemical Pentamethyldiethylenetriamine (PMDETA) Sales,

Revenue, Price and Gross Margin (2018-2023)

13.8.4 Shandong Fousi Chemical Main Business Overview

13.8.5 Shandong Fousi Chemical Latest Developments

13.9 Tianjin Zhongxin Chemtech

13.9.1 Tianjin Zhongxin Chemtech Company Information

13.9.2 Tianjin Zhongxin Chemtech Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

13.9.3 Tianjin Zhongxin Chemtech Pentamethyldiethylenetriamine (PMDETA) Sales, Revenue, Price and Gross Margin (2018-2023)

13.9.4 Tianjin Zhongxin Chemtech Main Business Overview

13.9.5 Tianjin Zhongxin Chemtech Latest Developments

13.10 Haihang Industry

13.10.1 Haihang Industry Company Information

13.10.2 Haihang Industry Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

13.10.3 Haihang Industry Pentamethyldiethylenetriamine (PMDETA) Sales, Revenue, Price and Gross Margin (2018-2023)

13.10.4 Haihang Industry Main Business Overview

13.10.5 Haihang Industry Latest Developments

13.11 Zhangjiagang City Dawei Assistants Industry

13.11.1 Zhangjiagang City Dawei Assistants Industry Company Information

13.11.2 Zhangjiagang City Dawei Assistants Industry Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

13.11.3 Zhangjiagang City Dawei Assistants Industry Pentamethyldiethylenetriamine



(PMDETA) Sales, Revenue, Price and Gross Margin (2018-2023)

13.11.4 Zhangjiagang City Dawei Assistants Industry Main Business Overview

13.11.5 Zhangjiagang City Dawei Assistants Industry Latest Developments

13.12 Dongguan Roumei New Material Technology

13.12.1 Dongguan Roumei New Material Technology Company Information

13.12.2 Dongguan Roumei New Material Technology Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

13.12.3 Dongguan Roumei New Material Technology Pentamethyldiethylenetriamine (PMDETA) Sales, Revenue, Price and Gross Margin (2018-2023)

13.12.4 Dongguan Roumei New Material Technology Main Business Overview

13.12.5 Dongguan Roumei New Material Technology Latest Developments

#### 14 RESEARCH FINDINGS AND CONCLUSION



# **List Of Tables**

#### LIST OF TABLES

Table 1. Pentamethyldiethylenetriamine (PMDETA) Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions) Table 2. Pentamethyldiethylenetriamine (PMDETA) Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions) Table 3. Major Players of Purity 98% Table 4. Major Players of Purity 99% Table 5. Major Players of Others Table 6. Global Pentamethyldiethylenetriamine (PMDETA) Sales by Type (2018-2023) & (Kiloton) Table 7. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Type (2018-2023)Table 8. Global Pentamethyldiethylenetriamine (PMDETA) Revenue by Type (2018-2023) & (\$ million) Table 9. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Type (2018-2023) Table 10. Global Pentamethyldiethylenetriamine (PMDETA) Sale Price by Type (2018-2023) & (US\$/Ton) Table 11. Global Pentamethyldiethylenetriamine (PMDETA) Sales by Application (2018-2023) & (Kiloton) Table 12. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Application (2018-2023) Table 13. Global Pentamethyldiethylenetriamine (PMDETA) Revenue by Application (2018 - 2023)Table 14. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Application (2018-2023) Table 15. Global Pentamethyldiethylenetriamine (PMDETA) Sale Price by Application (2018-2023) & (US\$/Ton) Table 16. Global Pentamethyldiethylenetriamine (PMDETA) Sales by Company (2018-2023) & (Kiloton) Table 17. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Company (2018-2023) Table 18. Global Pentamethyldiethylenetriamine (PMDETA) Revenue by Company (2018-2023) (\$ Millions) Table 19. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Company (2018-2023)



Table 20. Global Pentamethyldiethylenetriamine (PMDETA) Sale Price by Company (2018-2023) & (US\$/Ton) Table 21. Key Manufacturers Pentamethyldiethylenetriamine (PMDETA) Producing Area Distribution and Sales Area Table 22. Players Pentamethyldiethylenetriamine (PMDETA) Products Offered Table 23. Pentamethyldiethylenetriamine (PMDETA) Concentration Ratio (CR3, CR5 and CR10) & (2018-2023) Table 24. New Products and Potential Entrants Table 25. Mergers & Acquisitions, Expansion Table 26. Global Pentamethyldiethylenetriamine (PMDETA) Sales by Geographic Region (2018-2023) & (Kiloton) Table 27. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share Geographic Region (2018-2023) Table 28. Global Pentamethyldiethylenetriamine (PMDETA) Revenue by Geographic Region (2018-2023) & (\$ millions) Table 29. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Geographic Region (2018-2023) Table 30. Global Pentamethyldiethylenetriamine (PMDETA) Sales by Country/Region (2018-2023) & (Kiloton) Table 31. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Country/Region (2018-2023) Table 32. Global Pentamethyldiethylenetriamine (PMDETA) Revenue by Country/Region (2018-2023) & (\$ millions) Table 33. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Country/Region (2018-2023) Table 34. Americas Pentamethyldiethylenetriamine (PMDETA) Sales by Country (2018-2023) & (Kiloton) Table 35. Americas Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Country (2018-2023) Table 36. Americas Pentamethyldiethylenetriamine (PMDETA) Revenue by Country (2018-2023) & (\$ Millions) Table 37. Americas Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Country (2018-2023) Table 38. Americas Pentamethyldiethylenetriamine (PMDETA) Sales by Type (2018-2023) & (Kiloton) Table 39. Americas Pentamethyldiethylenetriamine (PMDETA) Sales by Application (2018-2023) & (Kiloton) Table 40. APAC Pentamethyldiethylenetriamine (PMDETA) Sales by Region



Table 41. APAC Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Region (2018-2023)

Table 42. APAC Pentamethyldiethylenetriamine (PMDETA) Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Region (2018-2023)

Table 44. APAC Pentamethyldiethylenetriamine (PMDETA) Sales by Type (2018-2023) & (Kiloton)

Table 45. APAC Pentamethyldiethylenetriamine (PMDETA) Sales by Application (2018-2023) & (Kiloton)

Table 46. Europe Pentamethyldiethylenetriamine (PMDETA) Sales by Country (2018-2023) & (Kiloton)

Table 47. Europe Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Country (2018-2023)

Table 48. Europe Pentamethyldiethylenetriamine (PMDETA) Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Country (2018-2023)

Table 50. Europe Pentamethyldiethylenetriamine (PMDETA) Sales by Type (2018-2023) & (Kiloton)

Table 51. Europe Pentamethyldiethylenetriamine (PMDETA) Sales by Application (2018-2023) & (Kiloton)

Table 52. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales by Country (2018-2023) & (Kiloton)

Table 53. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales by Type (2018-2023) & (Kiloton)

Table 57. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales by Application (2018-2023) & (Kiloton)

Table 58. Key Market Drivers & Growth Opportunities of Pentamethyldiethylenetriamine (PMDETA)

Table 59. Key Market Challenges & Risks of Pentamethyldiethylenetriamine (PMDETA)

Table 60. Key Industry Trends of Pentamethyldiethylenetriamine (PMDETA)

Table 61. Pentamethyldiethylenetriamine (PMDETA) Raw Material



Table 62. Key Suppliers of Raw Materials Table 63. Pentamethyldiethylenetriamine (PMDETA) Distributors List Table 64. Pentamethyldiethylenetriamine (PMDETA) Customer List Table 65. Global Pentamethyldiethylenetriamine (PMDETA) Sales Forecast by Region (2024-2029) & (Kiloton) Table 66. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Forecast by Region (2024-2029) & (\$ millions) Table 67. Americas Pentamethyldiethylenetriamine (PMDETA) Sales Forecast by Country (2024-2029) & (Kiloton) Table 68. Americas Pentamethyldiethylenetriamine (PMDETA) Revenue Forecast by Country (2024-2029) & (\$ millions) Table 69. APAC Pentamethyldiethylenetriamine (PMDETA) Sales Forecast by Region (2024-2029) & (Kiloton) Table 70. APAC Pentamethyldiethylenetriamine (PMDETA) Revenue Forecast by Region (2024-2029) & (\$ millions) Table 71. Europe Pentamethyldiethylenetriamine (PMDETA) Sales Forecast by Country (2024-2029) & (Kiloton) Table 72. Europe Pentamethyldiethylenetriamine (PMDETA) Revenue Forecast by Country (2024-2029) & (\$ millions) Table 73. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales Forecast by Country (2024-2029) & (Kiloton) Table 74. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Revenue Forecast by Country (2024-2029) & (\$ millions) Table 75. Global Pentamethyldiethylenetriamine (PMDETA) Sales Forecast by Type (2024-2029) & (Kiloton) Table 76. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Forecast by Type (2024-2029) & (\$ Millions) Table 77. Global Pentamethyldiethylenetriamine (PMDETA) Sales Forecast by Application (2024-2029) & (Kiloton) Table 78. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Forecast by Application (2024-2029) & (\$ Millions) Table 79. Huntsman Basic Information, Pentamethyldiethylenetriamine (PMDETA) Manufacturing Base, Sales Area and Its Competitors Table 80. Huntsman Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and **Specifications** Table 81. Huntsman Pentamethyldiethylenetriamine (PMDETA) Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023) Table 82. Huntsman Main Business Table 83. Huntsman Latest Developments



Table 84. Tosoh Basic Information, Pentamethyldiethylenetriamine (PMDETA)Manufacturing Base, Sales Area and Its Competitors

Table 85. Tosoh Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

Table 86. Tosoh Pentamethyldiethylenetriamine (PMDETA) Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 87. Tosoh Main Business

Table 88. Tosoh Latest Developments

Table 89. Koei Chemical Basic Information, Pentamethyldiethylenetriamine (PMDETA) Manufacturing Base, Sales Area and Its Competitors

Table 90. Koei Chemical Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications

Table 91. Koei Chemical Pentamethyldiethylenetriamine (PMDETA) Sales (Kiloton),

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

Table 92. Koei Chemical Main Business

Table 93. Koei Chemical Latest Developments

Table 94. Liyang Jiangdian Chemical Basic Information, Pentamethyldiethylenetriamine

(PMDETA) Manufacturing Base, Sales Area and Its Competitors

Table 95. Liyang Jiangdian Chemical Pentamethyldiethylenetriamine (PMDETA)

Product Portfolios and Specifications

Table 96. Liyang Jiangdian Chemical Pentamethyldiethylenetriamine (PMDETA) Sales

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

Table 97. Liyang Jiangdian Chemical Main Business

Table 98. Liyang Jiangdian Chemical Latest Developments

Table 99. Warshel Chemical Basic Information, Pentamethyldiethylenetriamine

(PMDETA) Manufacturing Base, Sales Area and Its Competitors

Table 100. Warshel Chemical Pentamethyldiethylenetriamine (PMDETA) ProductPortfolios and Specifications

Table 101. Warshel Chemical Pentamethyldiethylenetriamine (PMDETA) Sales

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

Table 102. Warshel Chemical Main Business

Table 103. Warshel Chemical Latest Developments

Table 104. Newtop Chemical Materials (Shanghai) Basic Information,

Pentamethyldiethylenetriamine (PMDETA) Manufacturing Base, Sales Area and Its Competitors

Table 105. Newtop Chemical Materials (Shanghai) Pentamethyldiethylenetriamine(PMDETA) Product Portfolios and Specifications

Table 106. Newtop Chemical Materials (Shanghai) Pentamethyldiethylenetriamine (PMDETA) Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin



(2018-2023)

Table 107. Newtop Chemical Materials (Shanghai) Main Business Table 108. Newtop Chemical Materials (Shanghai) Latest Developments Table 109. Capot Chemical Basic Information, Pentamethyldiethylenetriamine (PMDETA) Manufacturing Base, Sales Area and Its Competitors Table 110. Capot Chemical Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications Table 111. Capot Chemical Pentamethyldiethylenetriamine (PMDETA) Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023) Table 112. Capot Chemical Main Business Table 113. Capot Chemical Latest Developments Table 114. Shandong Fousi Chemical Basic Information, Pentamethyldiethylenetriamine (PMDETA) Manufacturing Base, Sales Area and Its Competitors Table 115. Shandong Fousi Chemical Pentamethyldiethylenetriamine (PMDETA) **Product Portfolios and Specifications** Table 116. Shandong Fousi Chemical Pentamethyldiethylenetriamine (PMDETA) Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023) Table 117. Shandong Fousi Chemical Main Business Table 118. Shandong Fousi Chemical Latest Developments Table 119. Tianjin Zhongxin Chemtech Basic Information, Pentamethyldiethylenetriamine (PMDETA) Manufacturing Base, Sales Area and Its Competitors Table 120. Tianjin Zhongxin Chemtech Pentamethyldiethylenetriamine (PMDETA) **Product Portfolios and Specifications** Table 121. Tianjin Zhongxin Chemtech Pentamethyldiethylenetriamine (PMDETA) Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023) Table 122. Tianjin Zhongxin Chemtech Main Business Table 123. Tianjin Zhongxin Chemtech Latest Developments Table 124. Haihang Industry Basic Information, Pentamethyldiethylenetriamine (PMDETA) Manufacturing Base, Sales Area and Its Competitors Table 125. Haihang Industry Pentamethyldiethylenetriamine (PMDETA) Product Portfolios and Specifications Table 126. Haihang Industry Pentamethyldiethylenetriamine (PMDETA) Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023) Table 127. Haihang Industry Main Business Table 128. Haihang Industry Latest Developments Table 129. Zhangjiagang City Dawei Assistants Industry Basic Information, Pentamethyldiethylenetriamine (PMDETA) Manufacturing Base, Sales Area and Its Competitors



Table 130. Zhangjiagang City Dawei Assistants Industry Pentamethyldiethylenetriamine(PMDETA) Product Portfolios and Specifications

Table 131. Zhangjiagang City Dawei Assistants Industry Pentamethyldiethylenetriamine (PMDETA) Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 132. Zhangjiagang City Dawei Assistants Industry Main Business

Table 133. Zhangjiagang City Dawei Assistants Industry Latest Developments

Table 134. Dongguan Roumei New Material Technology Basic Information,

Pentamethyldiethylenetriamine (PMDETA) Manufacturing Base, Sales Area and Its Competitors

Table 135. Dongguan Roumei New Material Technology Pentamethyldiethylenetriamine(PMDETA) Product Portfolios and Specifications

Table 136. Dongguan Roumei New Material Technology Pentamethyldiethylenetriamine (PMDETA) Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 137. Dongguan Roumei New Material Technology Main Business

 Table 138. Dongguan Roumei New Material Technology Latest Developments



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Picture of Pentamethyldiethylenetriamine (PMDETA)
- Figure 2. Pentamethyldiethylenetriamine (PMDETA) Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Pentamethyldiethylenetriamine (PMDETA) Sales Growth Rate 2018-2029 (Kiloton)
- Figure 7. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Pentamethyldiethylenetriamine (PMDETA) Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Purity 98%
- Figure 10. Product Picture of Purity 99%
- Figure 11. Product Picture of Others
- Figure 12. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Type in 2022
- Figure 13. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Type (2018-2023)
- Figure 14. Pentamethyldiethylenetriamine (PMDETA) Consumed in Polyurethane Reaction Active Catalyst
- Figure 15. Global Pentamethyldiethylenetriamine (PMDETA) Market: Polyurethane Reaction Active Catalyst (2018-2023) & (Kiloton)
- Figure 16. Pentamethyldiethylenetriamine (PMDETA) Consumed in Quaternary Ammonium Salt Raw Materials
- Figure 17. Global Pentamethyldiethylenetriamine (PMDETA) Market: Quaternary Ammonium Salt Raw Materials (2018-2023) & (Kiloton)
- Figure 18. Pentamethyldiethylenetriamine (PMDETA) Consumed in Other
- Figure 19. Global Pentamethyldiethylenetriamine (PMDETA) Market: Other (2018-2023) & (Kiloton)
- Figure 20. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Application (2022)
- Figure 21. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Application in 2022
- Figure 22. Pentamethyldiethylenetriamine (PMDETA) Sales Market by Company in 2022 (Kiloton)



Figure 23. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Company in 2022

Figure 24. Pentamethyldiethylenetriamine (PMDETA) Revenue Market by Company in 2022 (\$ Million)

Figure 25. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Company in 2022

Figure 26. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Geographic Region (2018-2023)

Figure 27. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Geographic Region in 2022

Figure 28. Americas Pentamethyldiethylenetriamine (PMDETA) Sales 2018-2023 (Kiloton)

Figure 29. Americas Pentamethyldiethylenetriamine (PMDETA) Revenue 2018-2023 (\$ Millions)

Figure 30. APAC Pentamethyldiethylenetriamine (PMDETA) Sales 2018-2023 (Kiloton)

Figure 31. APAC Pentamethyldiethylenetriamine (PMDETA) Revenue 2018-2023 (\$ Millions)

Figure 32. Europe Pentamethyldiethylenetriamine (PMDETA) Sales 2018-2023 (Kiloton)

Figure 33. Europe Pentamethyldiethylenetriamine (PMDETA) Revenue 2018-2023 (\$ Millions)

Figure 34. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales 2018-2023 (Kiloton)

Figure 35. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Revenue 2018-2023 (\$ Millions)

Figure 36. Americas Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Country in 2022

Figure 37. Americas Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Country in 2022

Figure 38. Americas Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Type (2018-2023)

Figure 39. Americas Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Application (2018-2023)

Figure 40. United States Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions)

Figure 41. Canada Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions)

Figure 42. Mexico Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions)

Figure 43. Brazil Pentamethyldiethylenetriamine (PMDETA) Revenue Growth



2018-2023 (\$ Millions) Figure 44. APAC Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Region in 2022 Figure 45. APAC Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Regions in 2022 Figure 46. APAC Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Type (2018-2023) Figure 47. APAC Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Application (2018-2023) Figure 48. China Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 49. Japan Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 50. South Korea Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 51. Southeast Asia Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 52. India Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 53. Australia Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 54. China Taiwan Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 55. Europe Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Country in 2022 Figure 56. Europe Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Country in 2022 Figure 57. Europe Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Type (2018-2023) Figure 58. Europe Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Application (2018-2023) Figure 59. Germany Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 60. France Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 61. UK Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 62. Italy Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions)



Figure 63. Russia Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 64. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Country in 2022 Figure 65. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share by Country in 2022 Figure 66. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Type (2018-2023) Figure 67. Middle East & Africa Pentamethyldiethylenetriamine (PMDETA) Sales Market Share by Application (2018-2023) Figure 68. Egypt Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 69. South Africa Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 70. Israel Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 71. Turkey Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 72. GCC Country Pentamethyldiethylenetriamine (PMDETA) Revenue Growth 2018-2023 (\$ Millions) Figure 73. Manufacturing Cost Structure Analysis of Pentamethyldiethylenetriamine (PMDETA) in 2022 Figure 74. Manufacturing Process Analysis of Pentamethyldiethylenetriamine (PMDETA) Figure 75. Industry Chain Structure of Pentamethyldiethylenetriamine (PMDETA) Figure 76. Channels of Distribution Figure 77. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Forecast by Region (2024-2029) Figure 78. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share Forecast by Region (2024-2029) Figure 79. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share Forecast by Type (2024-2029) Figure 80. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share Forecast by Type (2024-2029) Figure 81. Global Pentamethyldiethylenetriamine (PMDETA) Sales Market Share Forecast by Application (2024-2029) Figure 82. Global Pentamethyldiethylenetriamine (PMDETA) Revenue Market Share Forecast by Application (2024-2029)



#### I would like to order

Product name: Global Pentamethyldiethylenetriamine (PMDETA) Market Growth 2023-2029 Product link: <u>https://marketpublishers.com/r/G1CBD1C1541BEN.html</u>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G1CBD1C1541BEN.html</u>