

# Global High Performance Bentonite Market Research Report 2024(Status and Outlook)

https://marketpublishers.com/r/G1BD32298C12EN.html

Date: July 2024

Pages: 171

Price: US\$ 3,200.00 (Single User License)

ID: G1BD32298C12EN

# **Abstracts**

#### Report Overview:

Bentonites are used as extender (drilling fluids), Absorbents, binders, sealants, clarification agents, suspending agent and gellant used in paper, coating, environmental, pharmaceuticals, household products, etc.

The Global High Performance Bentonite Market Size was estimated at USD 585.55 million in 2023 and is projected to reach USD 736.64 million by 2029, exhibiting a CAGR of 3.90% during the forecast period.

This report provides a deep insight into the global High Performance Bentonite market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global High Performance Bentonite Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

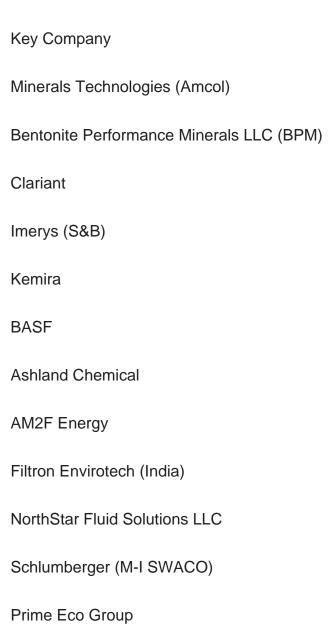
In a word, this report is a must-read for industry players, investors, researchers,



consultants, business strategists, and all those who have any kind of stake or are planning to foray into the High Performance Bentonite market in any manner.

Global High Performance Bentonite Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.



OSS Ltd



Black Hills Bentonite LLC			
Wyo-Ben Inc			
Bentonite Company LLC (Russia)			
Tolsa Group			
Laviosa Minerals SpA			
Hojun Group			
LKAB Minerals			
Ashapura Minechem Limited			
Kunimine Industries			
Elementis			
R.T. Vanderbilt Company			
Baroid IDP			
Polymer Drilling Systems (PDS)			
Jiangsu Feymer Technology			
Zhejiang Chang'an Renheng Technology			
Market Segmentation (by Type)			
Sodium Bentonite			
Calcium Bentonite			
Market Segmentation (by Application)			



Household & Personal Care

**Environmental Products & Building Materials** 

Pet Care (Cat Litter)

Paper & Coating

Food & Pharmaceuticals

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered



Historical, current, and projected market size, in terms of value

In-depth analysis of the High Performance Bentonite Market

Overview of the regional outlook of the High Performance Bentonite Market:

#### Key Reasons to Buy this Report:

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

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

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

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

Provision of market value (USD Billion) data for each segment and sub-segment

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

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

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

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

The current as well as the future market outlook of the industry concerning



recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

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

Provides insight into the market through Value Chain

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

6-month post-sales analyst support

## Customization of the Report

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

Note: this report may need to undergo a final check or review and this could take about 48 hours.

#### Chapter Outline

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

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

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

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



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

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

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

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

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.



# **Contents**

## 1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

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

#### 2 HIGH PERFORMANCE BENTONITE MARKET OVERVIEW

- 2.1 Global Market Overview
- 2.1.1 Global High Performance Bentonite Market Size (M USD) Estimates and Forecasts (2019-2030)
  - 2.1.2 Global High Performance Bentonite Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

#### 3 HIGH PERFORMANCE BENTONITE MARKET COMPETITIVE LANDSCAPE

- 3.1 Global High Performance Bentonite Sales by Manufacturers (2019-2024)
- 3.2 Global High Performance Bentonite Revenue Market Share by Manufacturers (2019-2024)
- 3.3 High Performance Bentonite Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global High Performance Bentonite Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers High Performance Bentonite Sales Sites, Area Served, Product Type
- 3.6 High Performance Bentonite Market Competitive Situation and Trends
  - 3.6.1 High Performance Bentonite Market Concentration Rate
- 3.6.2 Global 5 and 10 Largest High Performance Bentonite Players Market Share by Revenue
  - 3.6.3 Mergers & Acquisitions, Expansion



#### 4 HIGH PERFORMANCE BENTONITE INDUSTRY CHAIN ANALYSIS

- 4.1 High Performance Bentonite Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

# 5 THE DEVELOPMENT AND DYNAMICS OF HIGH PERFORMANCE BENTONITE MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
  - 5.5.1 New Product Developments
  - 5.5.2 Mergers & Acquisitions
  - 5.5.3 Expansions
  - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

#### **6 HIGH PERFORMANCE BENTONITE MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global High Performance Bentonite Sales Market Share by Type (2019-2024)
- 6.3 Global High Performance Bentonite Market Size Market Share by Type (2019-2024)
- 6.4 Global High Performance Bentonite Price by Type (2019-2024)

# 7 HIGH PERFORMANCE BENTONITE MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global High Performance Bentonite Market Sales by Application (2019-2024)
- 7.3 Global High Performance Bentonite Market Size (M USD) by Application (2019-2024)
- 7.4 Global High Performance Bentonite Sales Growth Rate by Application (2019-2024)

#### 8 HIGH PERFORMANCE BENTONITE MARKET SEGMENTATION BY REGION



- 8.1 Global High Performance Bentonite Sales by Region
  - 8.1.1 Global High Performance Bentonite Sales by Region
  - 8.1.2 Global High Performance Bentonite Sales Market Share by Region
- 8.2 North America
  - 8.2.1 North America High Performance Bentonite Sales by Country
  - 8.2.2 U.S.
  - 8.2.3 Canada
  - 8.2.4 Mexico
- 8.3 Europe
  - 8.3.1 Europe High Performance Bentonite Sales by Country
  - 8.3.2 Germany
  - 8.3.3 France
  - 8.3.4 U.K.
  - 8.3.5 Italy
  - 8.3.6 Russia
- 8.4 Asia Pacific
  - 8.4.1 Asia Pacific High Performance Bentonite Sales by Region
  - 8.4.2 China
  - 8.4.3 Japan
  - 8.4.4 South Korea
  - 8.4.5 India
  - 8.4.6 Southeast Asia
- 8.5 South America
  - 8.5.1 South America High Performance Bentonite Sales by Country
  - 8.5.2 Brazil
  - 8.5.3 Argentina
  - 8.5.4 Columbia
- 8.6 Middle East and Africa
  - 8.6.1 Middle East and Africa High Performance Bentonite Sales by Region
  - 8.6.2 Saudi Arabia
  - 8.6.3 UAE
  - 8.6.4 Egypt
  - 8.6.5 Nigeria
  - 8.6.6 South Africa

#### 9 KEY COMPANIES PROFILE

- 9.1 Minerals Technologies (Amcol)
  - 9.1.1 Minerals Technologies (Amcol) High Performance Bentonite Basic Information



- 9.1.2 Minerals Technologies (Amcol) High Performance Bentonite Product Overview
- 9.1.3 Minerals Technologies (Amcol) High Performance Bentonite Product Market Performance
- 9.1.4 Minerals Technologies (Amcol) Business Overview
- 9.1.5 Minerals Technologies (Amcol) High Performance Bentonite SWOT Analysis
- 9.1.6 Minerals Technologies (Amcol) Recent Developments
- 9.2 Bentonite Performance Minerals LLC (BPM)
- 9.2.1 Bentonite Performance Minerals LLC (BPM) High Performance Bentonite Basic Information
- 9.2.2 Bentonite Performance Minerals LLC (BPM) High Performance Bentonite Product Overview
- 9.2.3 Bentonite Performance Minerals LLC (BPM) High Performance Bentonite Product Market Performance
- 9.2.4 Bentonite Performance Minerals LLC (BPM) Business Overview
- 9.2.5 Bentonite Performance Minerals LLC (BPM) High Performance Bentonite SWOT Analysis
- 9.2.6 Bentonite Performance Minerals LLC (BPM) Recent Developments
- 9.3 Clariant
  - 9.3.1 Clariant High Performance Bentonite Basic Information
  - 9.3.2 Clariant High Performance Bentonite Product Overview
  - 9.3.3 Clariant High Performance Bentonite Product Market Performance
  - 9.3.4 Clariant High Performance Bentonite SWOT Analysis
  - 9.3.5 Clariant Business Overview
  - 9.3.6 Clariant Recent Developments
- 9.4 Imerys (SandB)
- 9.4.1 Imerys (SandB) High Performance Bentonite Basic Information
- 9.4.2 Imerys (SandB) High Performance Bentonite Product Overview
- 9.4.3 Imerys (SandB) High Performance Bentonite Product Market Performance
- 9.4.4 Imerys (SandB) Business Overview
- 9.4.5 Imerys (SandB) Recent Developments
- 9.5 Kemira
  - 9.5.1 Kemira High Performance Bentonite Basic Information
  - 9.5.2 Kemira High Performance Bentonite Product Overview
  - 9.5.3 Kemira High Performance Bentonite Product Market Performance
  - 9.5.4 Kemira Business Overview
  - 9.5.5 Kemira Recent Developments
- 9.6 BASF
  - 9.6.1 BASF High Performance Bentonite Basic Information
  - 9.6.2 BASF High Performance Bentonite Product Overview



- 9.6.3 BASF High Performance Bentonite Product Market Performance
- 9.6.4 BASF Business Overview
- 9.6.5 BASF Recent Developments
- 9.7 Ashland Chemical
- 9.7.1 Ashland Chemical High Performance Bentonite Basic Information
- 9.7.2 Ashland Chemical High Performance Bentonite Product Overview
- 9.7.3 Ashland Chemical High Performance Bentonite Product Market Performance
- 9.7.4 Ashland Chemical Business Overview
- 9.7.5 Ashland Chemical Recent Developments
- 9.8 AM2F Energy
  - 9.8.1 AM2F Energy High Performance Bentonite Basic Information
  - 9.8.2 AM2F Energy High Performance Bentonite Product Overview
  - 9.8.3 AM2F Energy High Performance Bentonite Product Market Performance
  - 9.8.4 AM2F Energy Business Overview
  - 9.8.5 AM2F Energy Recent Developments
- 9.9 Filtron Envirotech (India)
  - 9.9.1 Filtron Envirotech (India) High Performance Bentonite Basic Information
  - 9.9.2 Filtron Envirotech (India) High Performance Bentonite Product Overview
- 9.9.3 Filtron Envirotech (India) High Performance Bentonite Product Market

# Performance

- 9.9.4 Filtron Envirotech (India) Business Overview
- 9.9.5 Filtron Envirotech (India) Recent Developments
- 9.10 NorthStar Fluid Solutions LLC
  - 9.10.1 NorthStar Fluid Solutions LLC High Performance Bentonite Basic Information
  - 9.10.2 NorthStar Fluid Solutions LLC High Performance Bentonite Product Overview
- 9.10.3 NorthStar Fluid Solutions LLC High Performance Bentonite Product Market

# Performance

- 9.10.4 NorthStar Fluid Solutions LLC Business Overview
- 9.10.5 NorthStar Fluid Solutions LLC Recent Developments
- 9.11 Schlumberger (M-I SWACO)
  - 9.11.1 Schlumberger (M-I SWACO) High Performance Bentonite Basic Information
  - 9.11.2 Schlumberger (M-I SWACO) High Performance Bentonite Product Overview
- 9.11.3 Schlumberger (M-I SWACO) High Performance Bentonite Product Market

#### Performance

- 9.11.4 Schlumberger (M-I SWACO) Business Overview
- 9.11.5 Schlumberger (M-I SWACO) Recent Developments
- 9.12 Prime Eco Group
- 9.12.1 Prime Eco Group High Performance Bentonite Basic Information
- 9.12.2 Prime Eco Group High Performance Bentonite Product Overview



- 9.12.3 Prime Eco Group High Performance Bentonite Product Market Performance
- 9.12.4 Prime Eco Group Business Overview
- 9.12.5 Prime Eco Group Recent Developments
- 9.13 OSS Ltd
  - 9.13.1 OSS Ltd High Performance Bentonite Basic Information
  - 9.13.2 OSS Ltd High Performance Bentonite Product Overview
  - 9.13.3 OSS Ltd High Performance Bentonite Product Market Performance
  - 9.13.4 OSS Ltd Business Overview
  - 9.13.5 OSS Ltd Recent Developments
- 9.14 Black Hills Bentonite LLC
- 9.14.1 Black Hills Bentonite LLC High Performance Bentonite Basic Information
- 9.14.2 Black Hills Bentonite LLC High Performance Bentonite Product Overview
- 9.14.3 Black Hills Bentonite LLC High Performance Bentonite Product Market Performance
  - 9.14.4 Black Hills Bentonite LLC Business Overview
- 9.14.5 Black Hills Bentonite LLC Recent Developments
- 9.15 Wyo-Ben Inc
  - 9.15.1 Wyo-Ben Inc High Performance Bentonite Basic Information
  - 9.15.2 Wyo-Ben Inc High Performance Bentonite Product Overview
  - 9.15.3 Wyo-Ben Inc High Performance Bentonite Product Market Performance
  - 9.15.4 Wyo-Ben Inc Business Overview
  - 9.15.5 Wyo-Ben Inc Recent Developments
- 9.16 Bentonite Company LLC (Russia)
- 9.16.1 Bentonite Company LLC (Russia) High Performance Bentonite Basic Information
- 9.16.2 Bentonite Company LLC (Russia) High Performance Bentonite Product Overview
- 9.16.3 Bentonite Company LLC (Russia) High Performance Bentonite Product Market Performance
  - 9.16.4 Bentonite Company LLC (Russia) Business Overview
  - 9.16.5 Bentonite Company LLC (Russia) Recent Developments
- 9.17 Tolsa Group
  - 9.17.1 Tolsa Group High Performance Bentonite Basic Information
  - 9.17.2 Tolsa Group High Performance Bentonite Product Overview
  - 9.17.3 Tolsa Group High Performance Bentonite Product Market Performance
  - 9.17.4 Tolsa Group Business Overview
  - 9.17.5 Tolsa Group Recent Developments
- 9.18 Laviosa Minerals SpA
  - 9.18.1 Laviosa Minerals SpA High Performance Bentonite Basic Information



- 9.18.2 Laviosa Minerals SpA High Performance Bentonite Product Overview
- 9.18.3 Laviosa Minerals SpA High Performance Bentonite Product Market

#### Performance

- 9.18.4 Laviosa Minerals SpA Business Overview
- 9.18.5 Laviosa Minerals SpA Recent Developments
- 9.19 Hojun Group
  - 9.19.1 Hojun Group High Performance Bentonite Basic Information
  - 9.19.2 Hojun Group High Performance Bentonite Product Overview
  - 9.19.3 Hojun Group High Performance Bentonite Product Market Performance
  - 9.19.4 Hojun Group Business Overview
  - 9.19.5 Hojun Group Recent Developments
- 9.20 LKAB Minerals
  - 9.20.1 LKAB Minerals High Performance Bentonite Basic Information
- 9.20.2 LKAB Minerals High Performance Bentonite Product Overview
- 9.20.3 LKAB Minerals High Performance Bentonite Product Market Performance
- 9.20.4 LKAB Minerals Business Overview
- 9.20.5 LKAB Minerals Recent Developments
- 9.21 Ashapura Minechem Limited
  - 9.21.1 Ashapura Minechem Limited High Performance Bentonite Basic Information
  - 9.21.2 Ashapura Minechem Limited High Performance Bentonite Product Overview
- 9.21.3 Ashapura Minechem Limited High Performance Bentonite Product Market Performance
- 9.21.4 Ashapura Minechem Limited Business Overview
- 9.21.5 Ashapura Minechem Limited Recent Developments
- 9.22 Kunimine Industries
  - 9.22.1 Kunimine Industries High Performance Bentonite Basic Information
  - 9.22.2 Kunimine Industries High Performance Bentonite Product Overview
  - 9.22.3 Kunimine Industries High Performance Bentonite Product Market Performance
  - 9.22.4 Kunimine Industries Business Overview
  - 9.22.5 Kunimine Industries Recent Developments
- 9.23 Elementis
  - 9.23.1 Elementis High Performance Bentonite Basic Information
  - 9.23.2 Elementis High Performance Bentonite Product Overview
  - 9.23.3 Elementis High Performance Bentonite Product Market Performance
  - 9.23.4 Elementis Business Overview
  - 9.23.5 Elementis Recent Developments
- 9.24 R.T. Vanderbilt Company
- 9.24.1 R.T. Vanderbilt Company High Performance Bentonite Basic Information
- 9.24.2 R.T. Vanderbilt Company High Performance Bentonite Product Overview



- 9.24.3 R.T. Vanderbilt Company High Performance Bentonite Product Market Performance
- 9.24.4 R.T. Vanderbilt Company Business Overview
- 9.24.5 R.T. Vanderbilt Company Recent Developments
- 9.25 Baroid IDP
  - 9.25.1 Baroid IDP High Performance Bentonite Basic Information
  - 9.25.2 Baroid IDP High Performance Bentonite Product Overview
  - 9.25.3 Baroid IDP High Performance Bentonite Product Market Performance
  - 9.25.4 Baroid IDP Business Overview
  - 9.25.5 Baroid IDP Recent Developments
- 9.26 Polymer Drilling Systems (PDS)
  - 9.26.1 Polymer Drilling Systems (PDS) High Performance Bentonite Basic Information
- 9.26.2 Polymer Drilling Systems (PDS) High Performance Bentonite Product Overview
- 9.26.3 Polymer Drilling Systems (PDS) High Performance Bentonite Product Market Performance
- 9.26.4 Polymer Drilling Systems (PDS) Business Overview
- 9.26.5 Polymer Drilling Systems (PDS) Recent Developments
- 9.27 Jiangsu Feymer Technology
  - 9.27.1 Jiangsu Feymer Technology High Performance Bentonite Basic Information
  - 9.27.2 Jiangsu Feymer Technology High Performance Bentonite Product Overview
- 9.27.3 Jiangsu Feymer Technology High Performance Bentonite Product Market Performance
  - 9.27.4 Jiangsu Feymer Technology Business Overview
- 9.27.5 Jiangsu Feymer Technology Recent Developments
- 9.28 Zhejiang Chang'an Renheng Technology
- 9.28.1 Zhejiang Chang'an Renheng Technology High Performance Bentonite Basic Information
- 9.28.2 Zhejiang Chang'an Renheng Technology High Performance Bentonite Product Overview
- 9.28.3 Zhejiang Chang'an Renheng Technology High Performance Bentonite Product Market Performance
  - 9.28.4 Zhejiang Chang'an Renheng Technology Business Overview
  - 9.28.5 Zhejiang Chang'an Renheng Technology Recent Developments

#### 10 HIGH PERFORMANCE BENTONITE MARKET FORECAST BY REGION

- 10.1 Global High Performance Bentonite Market Size Forecast
- 10.2 Global High Performance Bentonite Market Forecast by Region
  - 10.2.1 North America Market Size Forecast by Country



- 10.2.2 Europe High Performance Bentonite Market Size Forecast by Country
- 10.2.3 Asia Pacific High Performance Bentonite Market Size Forecast by Region
- 10.2.4 South America High Performance Bentonite Market Size Forecast by Country
- 10.2.5 Middle East and Africa Forecasted Consumption of High Performance Bentonite by Country

# 11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)

- 11.1 Global High Performance Bentonite Market Forecast by Type (2025-2030)
  - 11.1.1 Global Forecasted Sales of High Performance Bentonite by Type (2025-2030)
- 11.1.2 Global High Performance Bentonite Market Size Forecast by Type (2025-2030)
- 11.1.3 Global Forecasted Price of High Performance Bentonite by Type (2025-2030)
- 11.2 Global High Performance Bentonite Market Forecast by Application (2025-2030)
- 11.2.1 Global High Performance Bentonite Sales (Kilotons) Forecast by Application
- 11.2.2 Global High Performance Bentonite Market Size (M USD) Forecast by Application (2025-2030)

#### 12 CONCLUSION AND KEY FINDINGS



# **List Of Tables**

## **LIST OF TABLES**

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. High Performance Bentonite Market Size Comparison by Region (M USD)
- Table 5. Global High Performance Bentonite Sales (Kilotons) by Manufacturers (2019-2024)
- Table 6. Global High Performance Bentonite Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global High Performance Bentonite Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global High Performance Bentonite Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in High Performance Bentonite as of 2022)
- Table 10. Global Market High Performance Bentonite Average Price (USD/Ton) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers High Performance Bentonite Sales Sites and Area Served
- Table 12. Manufacturers High Performance Bentonite Product Type
- Table 13. Global High Performance Bentonite Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of High Performance Bentonite
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. High Performance Bentonite Market Challenges
- Table 22. Global High Performance Bentonite Sales by Type (Kilotons)
- Table 23. Global High Performance Bentonite Market Size by Type (M USD)
- Table 24. Global High Performance Bentonite Sales (Kilotons) by Type (2019-2024)
- Table 25. Global High Performance Bentonite Sales Market Share by Type (2019-2024)
- Table 26. Global High Performance Bentonite Market Size (M USD) by Type (2019-2024)
- Table 27. Global High Performance Bentonite Market Size Share by Type (2019-2024)



- Table 28. Global High Performance Bentonite Price (USD/Ton) by Type (2019-2024)
- Table 29. Global High Performance Bentonite Sales (Kilotons) by Application
- Table 30. Global High Performance Bentonite Market Size by Application
- Table 31. Global High Performance Bentonite Sales by Application (2019-2024) & (Kilotons)
- Table 32. Global High Performance Bentonite Sales Market Share by Application (2019-2024)
- Table 33. Global High Performance Bentonite Sales by Application (2019-2024) & (M USD)
- Table 34. Global High Performance Bentonite Market Share by Application (2019-2024)
- Table 35. Global High Performance Bentonite Sales Growth Rate by Application (2019-2024)
- Table 36. Global High Performance Bentonite Sales by Region (2019-2024) & (Kilotons)
- Table 37. Global High Performance Bentonite Sales Market Share by Region (2019-2024)
- Table 38. North America High Performance Bentonite Sales by Country (2019-2024) & (Kilotons)
- Table 39. Europe High Performance Bentonite Sales by Country (2019-2024) & (Kilotons)
- Table 40. Asia Pacific High Performance Bentonite Sales by Region (2019-2024) & (Kilotons)
- Table 41. South America High Performance Bentonite Sales by Country (2019-2024) & (Kilotons)
- Table 42. Middle East and Africa High Performance Bentonite Sales by Region (2019-2024) & (Kilotons)
- Table 43. Minerals Technologies (Amcol) High Performance Bentonite Basic Information
- Table 44. Minerals Technologies (Amcol) High Performance Bentonite Product Overview
- Table 45. Minerals Technologies (Amcol) High Performance Bentonite Sales (Kilotons),
- Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 46. Minerals Technologies (Amcol) Business Overview
- Table 47. Minerals Technologies (Amcol) High Performance Bentonite SWOT Analysis
- Table 48. Minerals Technologies (Amcol) Recent Developments
- Table 49. Bentonite Performance Minerals LLC (BPM) High Performance Bentonite Basic Information
- Table 50. Bentonite Performance Minerals LLC (BPM) High Performance Bentonite Product Overview
- Table 51. Bentonite Performance Minerals LLC (BPM) High Performance Bentonite



Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 52. Bentonite Performance Minerals LLC (BPM) Business Overview

Table 53. Bentonite Performance Minerals LLC (BPM) High Performance Bentonite SWOT Analysis

Table 54. Bentonite Performance Minerals LLC (BPM) Recent Developments

Table 55. Clariant High Performance Bentonite Basic Information

Table 56. Clariant High Performance Bentonite Product Overview

Table 57. Clariant High Performance Bentonite Sales (Kilotons), Revenue (M USD),

Price (USD/Ton) and Gross Margin (2019-2024)

Table 58. Clariant High Performance Bentonite SWOT Analysis

Table 59. Clariant Business Overview

Table 60. Clariant Recent Developments

Table 61. Imerys (SandB) High Performance Bentonite Basic Information

Table 62. Imerys (SandB) High Performance Bentonite Product Overview

Table 63. Imerys (SandB) High Performance Bentonite Sales (Kilotons), Revenue (M

USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 64. Imerys (SandB) Business Overview

Table 65. Imerys (SandB) Recent Developments

Table 66. Kemira High Performance Bentonite Basic Information

Table 67. Kemira High Performance Bentonite Product Overview

Table 68. Kemira High Performance Bentonite Sales (Kilotons), Revenue (M USD),

Price (USD/Ton) and Gross Margin (2019-2024)

Table 69. Kemira Business Overview

Table 70. Kemira Recent Developments

Table 71. BASF High Performance Bentonite Basic Information

Table 72. BASF High Performance Bentonite Product Overview

Table 73. BASF High Performance Bentonite Sales (Kilotons), Revenue (M USD), Price

(USD/Ton) and Gross Margin (2019-2024)

Table 74. BASF Business Overview

Table 75. BASF Recent Developments

Table 76. Ashland Chemical High Performance Bentonite Basic Information

Table 77. Ashland Chemical High Performance Bentonite Product Overview

Table 78. Ashland Chemical High Performance Bentonite Sales (Kilotons), Revenue (M.

USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 79. Ashland Chemical Business Overview

Table 80. Ashland Chemical Recent Developments

Table 81. AM2F Energy High Performance Bentonite Basic Information

Table 82. AM2F Energy High Performance Bentonite Product Overview

Table 83. AM2F Energy High Performance Bentonite Sales (Kilotons), Revenue (M.



USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 84. AM2F Energy Business Overview

Table 85. AM2F Energy Recent Developments

Table 86. Filtron Envirotech (India) High Performance Bentonite Basic Information

Table 87. Filtron Envirotech (India) High Performance Bentonite Product Overview

Table 88. Filtron Envirotech (India) High Performance Bentonite Sales (Kilotons),

Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 89. Filtron Envirotech (India) Business Overview

Table 90. Filtron Envirotech (India) Recent Developments

Table 91. NorthStar Fluid Solutions LLC High Performance Bentonite Basic Information

Table 92. NorthStar Fluid Solutions LLC High Performance Bentonite Product Overview

Table 93. NorthStar Fluid Solutions LLC High Performance Bentonite Sales (Kilotons),

Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 94. NorthStar Fluid Solutions LLC Business Overview

Table 95. NorthStar Fluid Solutions LLC Recent Developments

Table 96. Schlumberger (M-I SWACO) High Performance Bentonite Basic Information

Table 97. Schlumberger (M-I SWACO) High Performance Bentonite Product Overview

Table 98. Schlumberger (M-I SWACO) High Performance Bentonite Sales (Kilotons),

Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 99. Schlumberger (M-I SWACO) Business Overview

Table 100. Schlumberger (M-I SWACO) Recent Developments

Table 101. Prime Eco Group High Performance Bentonite Basic Information

Table 102. Prime Eco Group High Performance Bentonite Product Overview

Table 103. Prime Eco Group High Performance Bentonite Sales (Kilotons), Revenue (M

USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 104. Prime Eco Group Business Overview

Table 105. Prime Eco Group Recent Developments

Table 106. OSS Ltd High Performance Bentonite Basic Information

Table 107. OSS Ltd High Performance Bentonite Product Overview

Table 108. OSS Ltd High Performance Bentonite Sales (Kilotons), Revenue (M USD),

Price (USD/Ton) and Gross Margin (2019-2024)

Table 109. OSS Ltd Business Overview

Table 110. OSS Ltd Recent Developments

Table 111. Black Hills Bentonite LLC High Performance Bentonite Basic Information

Table 112. Black Hills Bentonite LLC High Performance Bentonite Product Overview

Table 113. Black Hills Bentonite LLC High Performance Bentonite Sales (Kilotons),

Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 114. Black Hills Bentonite LLC Business Overview

Table 115. Black Hills Bentonite LLC Recent Developments



- Table 116. Wyo-Ben Inc High Performance Bentonite Basic Information
- Table 117. Wyo-Ben Inc High Performance Bentonite Product Overview
- Table 118. Wyo-Ben Inc High Performance Bentonite Sales (Kilotons), Revenue (M.
- USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 119. Wyo-Ben Inc Business Overview
- Table 120. Wyo-Ben Inc Recent Developments
- Table 121. Bentonite Company LLC (Russia) High Performance Bentonite Basic Information
- Table 122. Bentonite Company LLC (Russia) High Performance Bentonite Product Overview
- Table 123. Bentonite Company LLC (Russia) High Performance Bentonite Sales
- (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 124. Bentonite Company LLC (Russia) Business Overview
- Table 125. Bentonite Company LLC (Russia) Recent Developments
- Table 126. Tolsa Group High Performance Bentonite Basic Information
- Table 127. Tolsa Group High Performance Bentonite Product Overview
- Table 128. Tolsa Group High Performance Bentonite Sales (Kilotons), Revenue (M.
- USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 129. Tolsa Group Business Overview
- Table 130. Tolsa Group Recent Developments
- Table 131. Laviosa Minerals SpA High Performance Bentonite Basic Information
- Table 132. Laviosa Minerals SpA High Performance Bentonite Product Overview
- Table 133. Laviosa Minerals SpA High Performance Bentonite Sales (Kilotons),
- Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 134. Laviosa Minerals SpA Business Overview
- Table 135. Laviosa Minerals SpA Recent Developments
- Table 136. Hojun Group High Performance Bentonite Basic Information
- Table 137. Hojun Group High Performance Bentonite Product Overview
- Table 138. Hojun Group High Performance Bentonite Sales (Kilotons), Revenue (M.
- USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 139. Hojun Group Business Overview
- Table 140. Hojun Group Recent Developments
- Table 141. LKAB Minerals High Performance Bentonite Basic Information
- Table 142. LKAB Minerals High Performance Bentonite Product Overview
- Table 143. LKAB Minerals High Performance Bentonite Sales (Kilotons), Revenue (M.
- USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 144. LKAB Minerals Business Overview
- Table 145. LKAB Minerals Recent Developments
- Table 146. Ashapura Minechem Limited High Performance Bentonite Basic Information



Table 147. Ashapura Minechem Limited High Performance Bentonite Product Overview

Table 148. Ashapura Minechem Limited High Performance Bentonite Sales (Kilotons),

Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 149. Ashapura Minechem Limited Business Overview

Table 150. Ashapura Minechem Limited Recent Developments

Table 151. Kunimine Industries High Performance Bentonite Basic Information

Table 152. Kunimine Industries High Performance Bentonite Product Overview

Table 153. Kunimine Industries High Performance Bentonite Sales (Kilotons), Revenue

(M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 154. Kunimine Industries Business Overview

Table 155. Kunimine Industries Recent Developments

Table 156. Elementis High Performance Bentonite Basic Information

Table 157. Elementis High Performance Bentonite Product Overview

Table 158. Elementis High Performance Bentonite Sales (Kilotons), Revenue (M USD),

Price (USD/Ton) and Gross Margin (2019-2024)

Table 159. Elementis Business Overview

Table 160. Elementis Recent Developments

Table 161. R.T. Vanderbilt Company High Performance Bentonite Basic Information

Table 162. R.T. Vanderbilt Company High Performance Bentonite Product Overview

Table 163. R.T. Vanderbilt Company High Performance Bentonite Sales (Kilotons),

Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 164. R.T. Vanderbilt Company Business Overview

Table 165. R.T. Vanderbilt Company Recent Developments

Table 166. Baroid IDP High Performance Bentonite Basic Information

Table 167. Baroid IDP High Performance Bentonite Product Overview

Table 168. Baroid IDP High Performance Bentonite Sales (Kilotons), Revenue (M USD),

Price (USD/Ton) and Gross Margin (2019-2024)

Table 169. Baroid IDP Business Overview

Table 170. Baroid IDP Recent Developments

Table 171. Polymer Drilling Systems (PDS) High Performance Bentonite Basic

Information

Table 172. Polymer Drilling Systems (PDS) High Performance Bentonite Product

Overview

Table 173. Polymer Drilling Systems (PDS) High Performance Bentonite Sales

(Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 174. Polymer Drilling Systems (PDS) Business Overview

Table 175. Polymer Drilling Systems (PDS) Recent Developments

Table 176. Jiangsu Feymer Technology High Performance Bentonite Basic Information

Table 177. Jiangsu Feymer Technology High Performance Bentonite Product Overview



Table 178. Jiangsu Feymer Technology High Performance Bentonite Sales (Kilotons),

Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 179. Jiangsu Feymer Technology Business Overview

Table 180. Jiangsu Feymer Technology Recent Developments

Table 181. Zhejiang Chang'an Renheng Technology High Performance Bentonite Basic Information

Table 182. Zhejiang Chang'an Renheng Technology High Performance Bentonite Product Overview

Table 183. Zhejiang Chang'an Renheng Technology High Performance Bentonite Sales

(Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 184. Zhejiang Chang'an Renheng Technology Business Overview

Table 185. Zhejiang Chang'an Renheng Technology Recent Developments

Table 186. Global High Performance Bentonite Sales Forecast by Region (2025-2030) & (Kilotons)

Table 187. Global High Performance Bentonite Market Size Forecast by Region (2025-2030) & (M USD)

Table 188. North America High Performance Bentonite Sales Forecast by Country (2025-2030) & (Kilotons)

Table 189. North America High Performance Bentonite Market Size Forecast by Country (2025-2030) & (M USD)

Table 190. Europe High Performance Bentonite Sales Forecast by Country (2025-2030) & (Kilotons)

Table 191. Europe High Performance Bentonite Market Size Forecast by Country (2025-2030) & (M USD)

Table 192. Asia Pacific High Performance Bentonite Sales Forecast by Region (2025-2030) & (Kilotons)

Table 193. Asia Pacific High Performance Bentonite Market Size Forecast by Region (2025-2030) & (M USD)

Table 194. South America High Performance Bentonite Sales Forecast by Country (2025-2030) & (Kilotons)

Table 195. South America High Performance Bentonite Market Size Forecast by Country (2025-2030) & (M USD)

Table 196. Middle East and Africa High Performance Bentonite Consumption Forecast by Country (2025-2030) & (Units)

Table 197. Middle East and Africa High Performance Bentonite Market Size Forecast by Country (2025-2030) & (M USD)

Table 198. Global High Performance Bentonite Sales Forecast by Type (2025-2030) & (Kilotons)

Table 199. Global High Performance Bentonite Market Size Forecast by Type



(2025-2030) & (M USD)

Table 200. Global High Performance Bentonite Price Forecast by Type (2025-2030) & (USD/Ton)

Table 201. Global High Performance Bentonite Sales (Kilotons) Forecast by Application (2025-2030)

Table 202. Global High Performance Bentonite Market Size Forecast by Application (2025-2030) & (M USD)



# **List Of Figures**

#### **LIST OF FIGURES**

- Figure 1. Product Picture of High Performance Bentonite
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global High Performance Bentonite Market Size (M USD), 2019-2030
- Figure 5. Global High Performance Bentonite Market Size (M USD) (2019-2030)
- Figure 6. Global High Performance Bentonite Sales (Kilotons) & (2019-2030)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. High Performance Bentonite Market Size by Country (M USD)
- Figure 11. High Performance Bentonite Sales Share by Manufacturers in 2023
- Figure 12. Global High Performance Bentonite Revenue Share by Manufacturers in 2023
- Figure 13. High Performance Bentonite Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market High Performance Bentonite Average Price (USD/Ton) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by High Performance Bentonite Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global High Performance Bentonite Market Share by Type
- Figure 18. Sales Market Share of High Performance Bentonite by Type (2019-2024)
- Figure 19. Sales Market Share of High Performance Bentonite by Type in 2023
- Figure 20. Market Size Share of High Performance Bentonite by Type (2019-2024)
- Figure 21. Market Size Market Share of High Performance Bentonite by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global High Performance Bentonite Market Share by Application
- Figure 24. Global High Performance Bentonite Sales Market Share by Application (2019-2024)
- Figure 25. Global High Performance Bentonite Sales Market Share by Application in 2023
- Figure 26. Global High Performance Bentonite Market Share by Application (2019-2024)
- Figure 27. Global High Performance Bentonite Market Share by Application in 2023
- Figure 28. Global High Performance Bentonite Sales Growth Rate by Application



(2019-2024)

Figure 29. Global High Performance Bentonite Sales Market Share by Region (2019-2024)

Figure 30. North America High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 31. North America High Performance Bentonite Sales Market Share by Country in 2023

Figure 32. U.S. High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 33. Canada High Performance Bentonite Sales (Kilotons) and Growth Rate (2019-2024)

Figure 34. Mexico High Performance Bentonite Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 36. Europe High Performance Bentonite Sales Market Share by Country in 2023

Figure 37. Germany High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 38. France High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 39. U.K. High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 40. Italy High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 41. Russia High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 42. Asia Pacific High Performance Bentonite Sales and Growth Rate (Kilotons)

Figure 43. Asia Pacific High Performance Bentonite Sales Market Share by Region in 2023

Figure 44. China High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 45. Japan High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 46. South Korea High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 47. India High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 48. Southeast Asia High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)



- Figure 49. South America High Performance Bentonite Sales and Growth Rate (Kilotons)
- Figure 50. South America High Performance Bentonite Sales Market Share by Country in 2023
- Figure 51. Brazil High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)
- Figure 52. Argentina High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)
- Figure 53. Columbia High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)
- Figure 54. Middle East and Africa High Performance Bentonite Sales and Growth Rate (Kilotons)
- Figure 55. Middle East and Africa High Performance Bentonite Sales Market Share by Region in 2023
- Figure 56. Saudi Arabia High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)
- Figure 57. UAE High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)
- Figure 58. Egypt High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)
- Figure 59. Nigeria High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)
- Figure 60. South Africa High Performance Bentonite Sales and Growth Rate (2019-2024) & (Kilotons)
- Figure 61. Global High Performance Bentonite Sales Forecast by Volume (2019-2030) & (Kilotons)
- Figure 62. Global High Performance Bentonite Market Size Forecast by Value (2019-2030) & (M USD)
- Figure 63. Global High Performance Bentonite Sales Market Share Forecast by Type (2025-2030)
- Figure 64. Global High Performance Bentonite Market Share Forecast by Type (2025-2030)
- Figure 65. Global High Performance Bentonite Sales Forecast by Application (2025-2030)
- Figure 66. Global High Performance Bentonite Market Share Forecast by Application (2025-2030)



#### I would like to order

Product name: Global High Performance Bentonite Market Research Report 2024(Status and Outlook)

Product link: <a href="https://marketpublishers.com/r/G1BD32298C12EN.html">https://marketpublishers.com/r/G1BD32298C12EN.html</a>

Price: US\$ 3,200.00 (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 <a href="https://marketpublishers.com/r/G1BD32298C12EN.html">https://marketpublishers.com/r/G1BD32298C12EN.html</a>

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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