

# Green Chelates (Natural Chelating Agents) Industry Research Report 2024

https://marketpublishers.com/r/GA748ACDB2B2EN.html

Date: April 2024

Pages: 120

Price: US\$ 2,950.00 (Single User License)

ID: GA748ACDB2B2EN

### **Abstracts**

### Summary

Chelants, also known as chelating agents, complexing, or sequestering agents, are compounds that are able to form stable complexes with metal ions.

Chelants achieve this by coordinating with metal ions at a minimum of two sites, thus solubilizing and inactivating the metal ions that would otherwise produce adverse effects in the system on which they are used.

According to APO Research, The global Green Chelates (Natural Chelating Agents) market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

North American market for Green Chelates (Natural Chelating Agents) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Green Chelates (Natural Chelating Agents) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Green Chelates (Natural Chelating Agents) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Green Chelates (Natural Chelating Agents) include



etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

### Report Scope

This report aims to provide a comprehensive presentation of the global market for Green Chelates (Natural Chelating Agents), with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Green Chelates (Natural Chelating Agents).

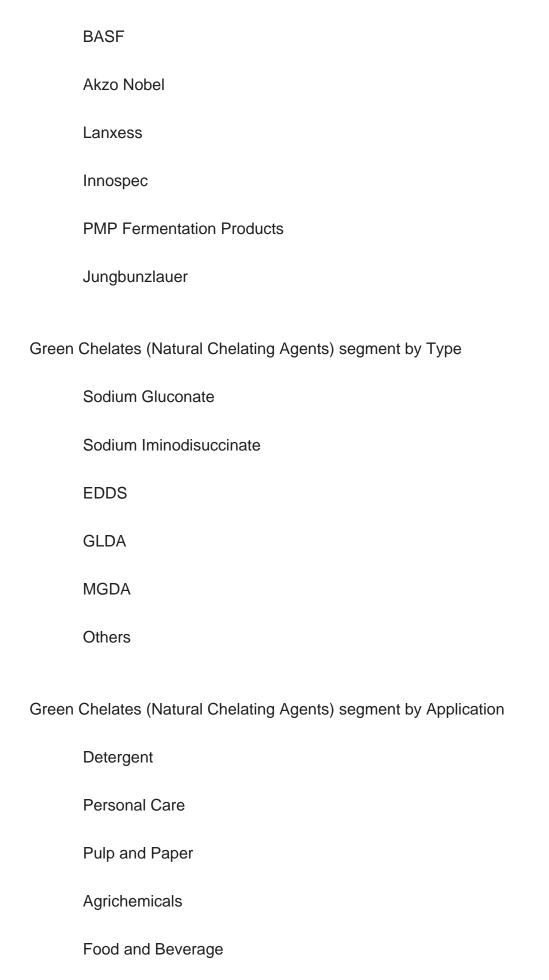
The report will help the Green Chelates (Natural Chelating Agents) manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Green Chelates (Natural Chelating Agents) market size, estimations, and forecasts are provided in terms of sales volume (Ton) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Green Chelates (Natural Chelating Agents) market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:







### Others

### G

Green Chelates (Natural Chelating Agents) Segment by Region			
North America			
	U.S.		
	Canada		
Europe			
	Germany		
	France		
	U.K.		
	Italy		
	Russia		
Asia-Pacific			
	China		
	Japan		
	South Korea		
	India		
	Australia		
	China Taiwan		

Indonesia



Thailand				
Malaysia				
Latin America				
Mexico				
Brazil				
Argentina	1			
Middle East & Africa				
Turkey				
Saudi Ara	abia			
UAE				

### **Key Drivers & Barriers**

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Green Chelates (Natural Chelating Agents) market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the



market.

- 2. This report will help stakeholders to understand the global industry status and trends of Green Chelates (Natural Chelating Agents) and provides them with information on key market drivers, restraints, challenges, and opportunities.
- 3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
- 4. This report stays updated with novel technology integration, features, and the latest developments in the market
- 5. This report helps stakeholders to gain insights into which regions to target globally
- 6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Green Chelates (Natural Chelating Agents).
- 7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, 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 market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Green Chelates (Natural Chelating Agents) manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.



Chapter 5: Production/output, value of Green Chelates (Natural Chelating Agents) by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Green Chelates (Natural Chelating Agents) in regional level and country level. It 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 production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by 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 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, 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 11: The main points and conclusions of the report.



### **Contents**

#### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### **2 MARKET OVERVIEW**

- 2.1 Product Definition
- 2.2 Green Chelates (Natural Chelating Agents) by Type
  - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.2.2 Sodium Gluconate
  - 2.2.3 Sodium Iminodisuccinate
  - 2.2.4 EDDS
  - 2.2.5 GLDA
  - 2.2.6 MGDA
  - 2.2.7 Others
- 2.3 Green Chelates (Natural Chelating Agents) by Application
- 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.3.2 Detergent
  - 2.3.3 Personal Care
  - 2.3.4 Pulp and Paper
  - 2.3.5 Agrichemicals
  - 2.3.6 Food and Beverage
  - 2.3.7 Others
- 2.4 Global Market Growth Prospects
- 2.4.1 Global Green Chelates (Natural Chelating Agents) Production Value Estimates and Forecasts (2019-2030)
- 2.4.2 Global Green Chelates (Natural Chelating Agents) Production Capacity Estimates and Forecasts (2019-2030)
- 2.4.3 Global Green Chelates (Natural Chelating Agents) Production Estimates and Forecasts (2019-2030)



2.4.4 Global Green Chelates (Natural Chelating Agents) Market Average Price (2019-2030)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Green Chelates (Natural Chelating Agents) Production by Manufacturers (2019-2024)
- 3.2 Global Green Chelates (Natural Chelating Agents) Production Value by Manufacturers (2019-2024)
- 3.3 Global Green Chelates (Natural Chelating Agents) Average Price by Manufacturers (2019-2024)
- 3.4 Global Green Chelates (Natural Chelating Agents) Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Green Chelates (Natural Chelating Agents) Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Green Chelates (Natural Chelating Agents) Manufacturers, Product Type & Application
- 3.7 Global Green Chelates (Natural Chelating Agents) Manufacturers, Date of Enter into This Industry
- 3.8 Global Green Chelates (Natural Chelating Agents) Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

#### 4 MANUFACTURERS PROFILED

- **4.1 BASF** 
  - 4.1.1 BASF Green Chelates (Natural Chelating Agents) Company Information
  - 4.1.2 BASF Green Chelates (Natural Chelating Agents) Business Overview
- 4.1.3 BASF Green Chelates (Natural Chelating Agents) Production Capacity, Value and Gross Margin (2019-2024)
- 4.1.4 BASF Product Portfolio
- 4.1.5 BASF Recent Developments
- 4.2 Akzo Nobel
  - 4.2.1 Akzo Nobel Green Chelates (Natural Chelating Agents) Company Information
  - 4.2.2 Akzo Nobel Green Chelates (Natural Chelating Agents) Business Overview
- 4.2.3 Akzo Nobel Green Chelates (Natural Chelating Agents) Production Capacity,
- Value and Gross Margin (2019-2024)
  - 4.2.4 Akzo Nobel Product Portfolio
  - 4.2.5 Akzo Nobel Recent Developments
- 4.3 Lanxess



- 4.3.1 Lanxess Green Chelates (Natural Chelating Agents) Company Information
- 4.3.2 Lanxess Green Chelates (Natural Chelating Agents) Business Overview
- 4.3.3 Lanxess Green Chelates (Natural Chelating Agents) Production Capacity, Value and Gross Margin (2019-2024)
  - 4.3.4 Lanxess Product Portfolio
- 4.3.5 Lanxess Recent Developments
- 4.4 Innospec
- 4.4.1 Innospec Green Chelates (Natural Chelating Agents) Company Information
- 4.4.2 Innospec Green Chelates (Natural Chelating Agents) Business Overview
- 4.4.3 Innospec Green Chelates (Natural Chelating Agents) Production Capacity, Value and Gross Margin (2019-2024)
  - 4.4.4 Innospec Product Portfolio
  - 4.4.5 Innospec Recent Developments
- 4.5 PMP Fermentation Products
- 4.5.1 PMP Fermentation Products Green Chelates (Natural Chelating Agents) Company Information
- 4.5.2 PMP Fermentation Products Green Chelates (Natural Chelating Agents)
  Business Overview
- 4.5.3 PMP Fermentation Products Green Chelates (Natural Chelating Agents) Production Capacity, Value and Gross Margin (2019-2024)
- 4.5.4 PMP Fermentation Products Product Portfolio
- 4.5.5 PMP Fermentation Products Recent Developments
- 4.6 Jungbunzlauer
- 4.6.1 Jungbunzlauer Green Chelates (Natural Chelating Agents) Company Information
- 4.6.2 Jungbunzlauer Green Chelates (Natural Chelating Agents) Business Overview
- 4.6.3 Jungbunzlauer Green Chelates (Natural Chelating Agents) Production Capacity, Value and Gross Margin (2019-2024)
- 4.6.4 Jungbunzlauer Product Portfolio
- 4.6.5 Jungbunzlauer Recent Developments

# 5 GLOBAL GREEN CHELATES (NATURAL CHELATING AGENTS) PRODUCTION BY REGION

- 5.1 Global Green Chelates (Natural Chelating Agents) Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.2 Global Green Chelates (Natural Chelating Agents) Production by Region: 2019-2030
- 5.2.1 Global Green Chelates (Natural Chelating Agents) Production by Region: 2019-2024



- 5.2.2 Global Green Chelates (Natural Chelating Agents) Production Forecast by Region (2025-2030)
- 5.3 Global Green Chelates (Natural Chelating Agents) Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.4 Global Green Chelates (Natural Chelating Agents) Production Value by Region: 2019-2030
- 5.4.1 Global Green Chelates (Natural Chelating Agents) Production Value by Region: 2019-2024
- 5.4.2 Global Green Chelates (Natural Chelating Agents) Production Value Forecast by Region (2025-2030)
- 5.5 Global Green Chelates (Natural Chelating Agents) Market Price Analysis by Region (2019-2024)
- 5.6 Global Green Chelates (Natural Chelating Agents) Production and Value, YOY Growth
- 5.6.1 North America Green Chelates (Natural Chelating Agents) Production Value Estimates and Forecasts (2019-2030)
- 5.6.2 Europe Green Chelates (Natural Chelating Agents) Production Value Estimates and Forecasts (2019-2030)
- 5.6.3 China Green Chelates (Natural Chelating Agents) Production Value Estimates and Forecasts (2019-2030)
- 5.6.4 Southeast Asia Green Chelates (Natural Chelating Agents) Production Value Estimates and Forecasts (2019-2030)
- 5.6.5 India Green Chelates (Natural Chelating Agents) Production Value Estimates and Forecasts (2019-2030)

# 6 GLOBAL GREEN CHELATES (NATURAL CHELATING AGENTS) CONSUMPTION BY REGION

- 6.1 Global Green Chelates (Natural Chelating Agents) Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 6.2 Global Green Chelates (Natural Chelating Agents) Consumption by Region (2019-2030)
- 6.2.1 Global Green Chelates (Natural Chelating Agents) Consumption by Region: 2019-2030
- 6.2.2 Global Green Chelates (Natural Chelating Agents) Forecasted Consumption by Region (2025-2030)
- 6.3 North America
- 6.3.1 North America Green Chelates (Natural Chelating Agents) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030



- 6.3.2 North America Green Chelates (Natural Chelating Agents) Consumption by Country (2019-2030)
  - 6.3.3 U.S.
  - 6.3.4 Canada
- 6.4 Europe
- 6.4.1 Europe Green Chelates (Natural Chelating Agents) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
- 6.4.2 Europe Green Chelates (Natural Chelating Agents) Consumption by Country (2019-2030)
  - 6.4.3 Germany
  - 6.4.4 France
  - 6.4.5 U.K.
  - 6.4.6 Italy
- 6.4.7 Russia
- 6.5 Asia Pacific
- 6.5.1 Asia Pacific Green Chelates (Natural Chelating Agents) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
- 6.5.2 Asia Pacific Green Chelates (Natural Chelating Agents) Consumption by Country (2019-2030)
  - 6.5.3 China
  - 6.5.4 Japan
  - 6.5.5 South Korea
  - 6.5.6 China Taiwan
  - 6.5.7 Southeast Asia
  - 6.5.8 India
  - 6.5.9 Australia
- 6.6 Latin America, Middle East & Africa
- 6.6.1 Latin America, Middle East & Africa Green Chelates (Natural Chelating Agents) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
- 6.6.2 Latin America, Middle East & Africa Green Chelates (Natural Chelating Agents) Consumption by Country (2019-2030)
  - 6.6.3 Mexico
  - 6.6.4 Brazil
  - 6.6.5 Turkey
  - 6.6.5 GCC Countries

### **7 SEGMENT BY TYPE**

7.1 Global Green Chelates (Natural Chelating Agents) Production by Type (2019-2030)



- 7.1.1 Global Green Chelates (Natural Chelating Agents) Production by Type (2019-2030) & (Ton)
- 7.1.2 Global Green Chelates (Natural Chelating Agents) Production Market Share by Type (2019-2030)
- 7.2 Global Green Chelates (Natural Chelating Agents) Production Value by Type (2019-2030)
- 7.2.1 Global Green Chelates (Natural Chelating Agents) Production Value by Type (2019-2030) & (US\$ Million)
- 7.2.2 Global Green Chelates (Natural Chelating Agents) Production Value Market Share by Type (2019-2030)
- 7.3 Global Green Chelates (Natural Chelating Agents) Price by Type (2019-2030)

### **8 SEGMENT BY APPLICATION**

- 8.1 Global Green Chelates (Natural Chelating Agents) Production by Application (2019-2030)
- 8.1.1 Global Green Chelates (Natural Chelating Agents) Production by Application (2019-2030) & (Ton)
- 8.1.2 Global Green Chelates (Natural Chelating Agents) Production by Application (2019-2030) & (Ton)
- 8.2 Global Green Chelates (Natural Chelating Agents) Production Value by Application (2019-2030)
- 8.2.1 Global Green Chelates (Natural Chelating Agents) Production Value by Application (2019-2030) & (US\$ Million)
- 8.2.2 Global Green Chelates (Natural Chelating Agents) Production Value Market Share by Application (2019-2030)
- 8.3 Global Green Chelates (Natural Chelating Agents) Price by Application (2019-2030)

### 9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

- 9.1 Green Chelates (Natural Chelating Agents) Value Chain Analysis
  - 9.1.1 Green Chelates (Natural Chelating Agents) Key Raw Materials
  - 9.1.2 Raw Materials Key Suppliers
  - 9.1.3 Green Chelates (Natural Chelating Agents) Production Mode & Process
- 9.2 Green Chelates (Natural Chelating Agents) Sales Channels Analysis
  - 9.2.1 Direct Comparison with Distribution Share
  - 9.2.2 Green Chelates (Natural Chelating Agents) Distributors
  - 9.2.3 Green Chelates (Natural Chelating Agents) Customers



# 10 GLOBAL GREEN CHELATES (NATURAL CHELATING AGENTS) ANALYZING MARKET DYNAMICS

- 10.1 Green Chelates (Natural Chelating Agents) Industry Trends
- 10.2 Green Chelates (Natural Chelating Agents) Industry Drivers
- 10.3 Green Chelates (Natural Chelating Agents) Industry Opportunities and Challenges
- 10.4 Green Chelates (Natural Chelating Agents) Industry Restraints

### 11 REPORT CONCLUSION

### **12 DISCLAIMER**



### **List Of Tables**

### LIST OF TABLES

- Table 1. Secondary Sources
- Table 2. Primary Sources
- Table 3. Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 4. Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 5. Global Green Chelates (Natural Chelating Agents) Production by Manufacturers (Ton) & (2019-2024)
- Table 6. Global Green Chelates (Natural Chelating Agents) Production Market Share by Manufacturers
- Table 7. Global Green Chelates (Natural Chelating Agents) Production Value by Manufacturers (US\$ Million) & (2019-2024)
- Table 8. Global Green Chelates (Natural Chelating Agents) Production Value Market Share by Manufacturers (2019-2024)
- Table 9. Global Green Chelates (Natural Chelating Agents) Average Price (USD/Ton) of Key Manufacturers (2019-2024)
- Table 10. Global Green Chelates (Natural Chelating Agents) Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- Table 11. Global Green Chelates (Natural Chelating Agents) Manufacturers, Product Type & Application
- Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 13. Global Green Chelates (Natural Chelating Agents) by Manufacturers Type
- (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2023)
- Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)
- Table 15. BASF Green Chelates (Natural Chelating Agents) Company Information
- Table 16. BASF Business Overview
- Table 17. BASF Green Chelates (Natural Chelating Agents) Production Capacity (Ton),
- Value (US\$ Million), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 18. BASF Product Portfolio
- Table 19. BASF Recent Developments
- Table 20. Akzo Nobel Green Chelates (Natural Chelating Agents) Company Information
- Table 21. Akzo Nobel Business Overview
- Table 22. Akzo Nobel Green Chelates (Natural Chelating Agents) Production Capacity
- (Ton), Value (US\$ Million), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 23. Akzo Nobel Product Portfolio
- Table 24. Akzo Nobel Recent Developments



- Table 25. Lanxess Green Chelates (Natural Chelating Agents) Company Information
- Table 26. Lanxess Business Overview
- Table 27. Lanxess Green Chelates (Natural Chelating Agents) Production Capacity
- (Ton), Value (US\$ Million), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 28. Lanxess Product Portfolio
- Table 29. Lanxess Recent Developments
- Table 30. Innospec Green Chelates (Natural Chelating Agents) Company Information
- Table 31. Innospec Business Overview
- Table 32. Innospec Green Chelates (Natural Chelating Agents) Production Capacity
- (Ton), Value (US\$ Million), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 33. Innospec Product Portfolio
- Table 34. Innospec Recent Developments
- Table 35. PMP Fermentation Products Green Chelates (Natural Chelating Agents)
  Company Information
- Table 36. PMP Fermentation Products Business Overview
- Table 37. PMP Fermentation Products Green Chelates (Natural Chelating Agents)
- Production Capacity (Ton), Value (US\$ Million), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 38. PMP Fermentation Products Product Portfolio
- Table 39. PMP Fermentation Products Recent Developments
- Table 40. Jungbunzlauer Green Chelates (Natural Chelating Agents) Company Information
- Table 41. Jungbunzlauer Business Overview
- Table 42. Jungbunzlauer Green Chelates (Natural Chelating Agents) Production
- Capacity (Ton), Value (US\$ Million), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 43. Jungbunzlauer Product Portfolio
- Table 44. Jungbunzlauer Recent Developments
- Table 45. Global Green Chelates (Natural Chelating Agents) Production Comparison by Region: 2019 VS 2023 VS 2030 (Ton)
- Table 46. Global Green Chelates (Natural Chelating Agents) Production by Region (2019-2024) & (Ton)
- Table 47. Global Green Chelates (Natural Chelating Agents) Production Market Share by Region (2019-2024)
- Table 48. Global Green Chelates (Natural Chelating Agents) Production Forecast by Region (2025-2030) & (Ton)
- Table 49. Global Green Chelates (Natural Chelating Agents) Production Market Share Forecast by Region (2025-2030)
- Table 50. Global Green Chelates (Natural Chelating Agents) Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)



- Table 51. Global Green Chelates (Natural Chelating Agents) Production Value by Region (2019-2024) & (US\$ Million)
- Table 52. Global Green Chelates (Natural Chelating Agents) Production Value Market Share by Region (2019-2024)
- Table 53. Global Green Chelates (Natural Chelating Agents) Production Value Forecast by Region (2025-2030) & (US\$ Million)
- Table 54. Global Green Chelates (Natural Chelating Agents) Production Value Market Share Forecast by Region (2025-2030)
- Table 55. Global Green Chelates (Natural Chelating Agents) Market Average Price (USD/Ton) by Region (2019-2024)
- Table 56. Global Green Chelates (Natural Chelating Agents) Consumption Comparison by Region: 2019 VS 2023 VS 2030 (Ton)
- Table 57. Global Green Chelates (Natural Chelating Agents) Consumption by Region (2019-2024) & (Ton)
- Table 58. Global Green Chelates (Natural Chelating Agents) Consumption Market Share by Region (2019-2024)
- Table 59. Global Green Chelates (Natural Chelating Agents) Forecasted Consumption by Region (2025-2030) & (Ton)
- Table 60. Global Green Chelates (Natural Chelating Agents) Forecasted Consumption Market Share by Region (2025-2030)
- Table 61. North America Green Chelates (Natural Chelating Agents) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Ton)
- Table 62. North America Green Chelates (Natural Chelating Agents) Consumption by Country (2019-2024) & (Ton)
- Table 63. North America Green Chelates (Natural Chelating Agents) Consumption by Country (2025-2030) & (Ton)
- Table 64. Europe Green Chelates (Natural Chelating Agents) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Ton)
- Table 65. Europe Green Chelates (Natural Chelating Agents) Consumption by Country (2019-2024) & (Ton)
- Table 66. Europe Green Chelates (Natural Chelating Agents) Consumption by Country (2025-2030) & (Ton)
- Table 67. Asia Pacific Green Chelates (Natural Chelating Agents) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Ton)
- Table 68. Asia Pacific Green Chelates (Natural Chelating Agents) Consumption by Country (2019-2024) & (Ton)
- Table 69. Asia Pacific Green Chelates (Natural Chelating Agents) Consumption by Country (2025-2030) & (Ton)
- Table 70. Latin America, Middle East & Africa Green Chelates (Natural Chelating



Agents) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Ton)

Table 71. Latin America, Middle East & Africa Green Chelates (Natural Chelating Agents) Consumption by Country (2019-2024) & (Ton)

Table 72. Latin America, Middle East & Africa Green Chelates (Natural Chelating Agents) Consumption by Country (2025-2030) & (Ton)

Table 73. Global Green Chelates (Natural Chelating Agents) Production by Type (2019-2024) & (Ton)

Table 74. Global Green Chelates (Natural Chelating Agents) Production by Type (2025-2030) & (Ton)

Table 75. Global Green Chelates (Natural Chelating Agents) Production Market Share by Type (2019-2024)

Table 76. Global Green Chelates (Natural Chelating Agents) Production Market Share by Type (2025-2030)

Table 77. Global Green Chelates (Natural Chelating Agents) Production Value by Type (2019-2024) & (US\$ Million)

Table 78. Global Green Chelates (Natural Chelating Agents) Production Value by Type (2025-2030) & (US\$ Million)

Table 79. Global Green Chelates (Natural Chelating Agents) Production Value Market Share by Type (2019-2024)

Table 80. Global Green Chelates (Natural Chelating Agents) Production Value Market Share by Type (2025-2030)

Table 81. Global Green Chelates (Natural Chelating Agents) Price by Type (2019-2024) & (USD/Ton)

Table 82. Global Green Chelates (Natural Chelating Agents) Price by Type (2025-2030) & (USD/Ton)

Table 83. Global Green Chelates (Natural Chelating Agents) Production by Application (2019-2024) & (Ton)

Table 84. Global Green Chelates (Natural Chelating Agents) Production by Application (2025-2030) & (Ton)

Table 85. Global Green Chelates (Natural Chelating Agents) Production Market Share by Application (2019-2024)

Table 86. Global Green Chelates (Natural Chelating Agents) Production Market Share by Application (2025-2030)

Table 87. Global Green Chelates (Natural Chelating Agents) Production Value by Application (2019-2024) & (US\$ Million)

Table 88. Global Green Chelates (Natural Chelating Agents) Production Value by Application (2025-2030) & (US\$ Million)

Table 89. Global Green Chelates (Natural Chelating Agents) Production Value Market Share by Application (2019-2024)



Table 90. Global Green Chelates (Natural Chelating Agents) Production Value Market Share by Application (2025-2030)

Table 91. Global Green Chelates (Natural Chelating Agents) Price by Application (2019-2024) & (USD/Ton)

Table 92. Global Green Chelates (Natural Chelating Agents) Price by Application (2025-2030) & (USD/Ton)

Table 93. Key Raw Materials

Table 94. Raw Materials Key Suppliers

Table 95. Green Chelates (Natural Chelating Agents) Distributors List

Table 96. Green Chelates (Natural Chelating Agents) Customers List

Table 97. Green Chelates (Natural Chelating Agents) Industry Trends

Table 98. Green Chelates (Natural Chelating Agents) Industry Drivers

Table 99. Green Chelates (Natural Chelating Agents) Industry Restraints

Table 100. Authors List of This Report



### **List Of Figures**

### LIST OF FIGURES

- Figure 1. Research Methodology
- Figure 2. Research Process
- Figure 3. Key Executives Interviewed
- Figure 4. Green Chelates (Natural Chelating Agents)Product Picture
- Figure 5. Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
- Figure 6. Sodium Gluconate Product Picture
- Figure 7. Sodium Iminodisuccinate Product Picture
- Figure 8. EDDS Product Picture
- Figure 9. GLDA Product Picture
- Figure 10. MGDA Product Picture
- Figure 11. Others Product Picture
- Figure 12. Detergent Product Picture
- Figure 13. Personal Care Product Picture
- Figure 14. Pulp and Paper Product Picture
- Figure 15. Agrichemicals Product Picture
- Figure 16. Food and Beverage Product Picture
- Figure 17. Others Product Picture
- Figure 18. Global Green Chelates (Natural Chelating Agents) Production Value (US\$ Million), 2019 VS 2023 VS 2030
- Figure 19. Global Green Chelates (Natural Chelating Agents) Production Value (2019-2030) & (US\$ Million)
- Figure 20. Global Green Chelates (Natural Chelating Agents) Production Capacity (2019-2030) & (Ton)
- Figure 21. Global Green Chelates (Natural Chelating Agents) Production (2019-2030) & (Ton)
- Figure 22. Global Green Chelates (Natural Chelating Agents) Average Price (USD/Ton) & (2019-2030)
- Figure 23. Global Green Chelates (Natural Chelating Agents) Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 24. Global Green Chelates (Natural Chelating Agents) Manufacturers, Date of Enter into This Industry
- Figure 25. Global Top 5 and 10 Green Chelates (Natural Chelating Agents) Players Market Share by Production Valu in 2023
- Figure 26. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023
- Figure 27. Global Green Chelates (Natural Chelating Agents) Production Comparison



by Region: 2019 VS 2023 VS 2030 (Ton)

Figure 28. Global Green Chelates (Natural Chelating Agents) Production Market Share

by Region: 2019 VS 2023 VS 2030

Figure 29. Global Green Chelates (Natural Chelating Agents) Production Value

Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 30. Global Green Chelates (Natural Chelating Agents) Production Value Market

Share by Region: 2019 VS 2023 VS 2030

Figure 31. North America Green Chelates (Natural Chelating Agents) Production Value

(US\$ Million) Growth Rate (2019-2030)

Figure 32. Europe Green Chelates (Natural Chelating Agents) Production Value (US\$

Million) Growth Rate (2019-2030)

Figure 33. China Green Chelates (Natural Chelating Agents) Production Value (US\$

Million) Growth Rate (2019-2030)

Figure 34. Southeast Asia Green Chelates (Natural Chelating Agents) Production Value

(US\$ Million) Growth Rate (2019-2030)

Figure 35. India Green Chelates (Natural Chelating Agents) Production Value (US\$

Million) Growth Rate (2019-2030)

Figure 36. Global Green Chelates (Natural Chelating Agents) Consumption Comparison

by Region: 2019 VS 2023 VS 2030 (Ton)

Figure 37. Global Green Chelates (Natural Chelating Agents) Consumption Market

Share by Region: 2019 VS 2023 VS 2030

Figure 38. North America Green Chelates (Natural Chelating Agents) Consumption and

Growth Rate (2019-2030) & (Ton)

Figure 39. North America Green Chelates (Natural Chelating Agents) Consumption

Market Share by Country (2019-2030)

Figure 40. United States Green Chelates (Natural Chelating Agents) Consumption and

Growth Rate (2019-2030) & (Ton)

Figure 41. Canada Green Chelates (Natural Chelating Agents) Consumption and

Growth Rate (2019-2030) & (Ton)

Figure 42. Europe Green Chelates (Natural Chelating Agents) Consumption and Growth

Rate (2019-2030) & (Ton)

Figure 43. Europe Green Chelates (Natural Chelating Agents) Consumption Market

Share by Country (2019-2030)

Figure 44. Germany Green Chelates (Natural Chelating Agents) Consumption and

Growth Rate (2019-2030) & (Ton)

Figure 45. France Green Chelates (Natural Chelating Agents) Consumption and Growth

Rate (2019-2030) & (Ton)

Figure 46. U.K. Green Chelates (Natural Chelating Agents) Consumption and Growth

Rate (2019-2030) & (Ton)



Figure 47. Italy Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 48. Netherlands Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 49. Asia Pacific Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 50. Asia Pacific Green Chelates (Natural Chelating Agents) Consumption Market Share by Country (2019-2030)

Figure 51. China Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 52. Japan Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 53. South Korea Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 54. China Taiwan Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 55. Southeast Asia Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 56. India Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 57. Australia Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 58. Latin America, Middle East & Africa Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 59. Latin America, Middle East & Africa Green Chelates (Natural Chelating Agents) Consumption Market Share by Country (2019-2030)

Figure 60. Mexico Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 61. Brazil Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 62. Turkey Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 63. GCC Countries Green Chelates (Natural Chelating Agents) Consumption and Growth Rate (2019-2030) & (Ton)

Figure 64. Global Green Chelates (Natural Chelating Agents) Production Market Share by Type (2019-2030)

Figure 65. Global Green Chelates (Natural Chelating Agents) Production Value Market Share by Type (2019-2030)

Figure 66. Global Green Chelates (Natural Chelating Agents) Price (USD/Ton) by Type



(2019-2030)

Figure 67. Global Green Chelates (Natural Chelating Agents) Production Market Share by Application (2019-2030)

Figure 68. Global Green Chelates (Natural Chelating Agents) Production Value Market Share by Application (2019-2030)

Figure 69. Global Green Chelates (Natural Chelating Agents) Price (USD/Ton) by Application (2019-2030)

Figure 70. Green Chelates (Natural Chelating Agents) Value Chain

Figure 71. Green Chelates (Natural Chelating Agents) Production Mode & Process

Figure 72. Direct Comparison with Distribution Share

Figure 73. Distributors Profiles

Figure 74. Green Chelates (Natural Chelating Agents) Industry Opportunities and Challenges



### I would like to order

Product name: Green Chelates (Natural Chelating Agents) Industry Research Report 2024

Product link: https://marketpublishers.com/r/GA748ACDB2B2EN.html

Price: US\$ 2,950.00 (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/GA748ACDB2B2EN.html">https://marketpublishers.com/r/GA748ACDB2B2EN.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