

Global Green Chelating Agents Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Green Chelating Agents market size was valued at USD 2536.5 million in 2023 and is forecast to a readjusted size of USD 3522.8 million by 2030 with a CAGR of 4.8% during review period.

Green chelates agents are biodegradable materials mainly used for washing or cleaning. These materials are primarily used in Laundry, surface care, detergents, and homecare. Common chelating agents are poorly biodegradable and there are concerns about their environmental effects. Heavy metals, which are very toxic for water and soil are used in these. Therefore, biotechnological approaches and computational tools are used to produce green chelating agents. The main area of application for this market is cleaning, which can be categorized into industrial cleaning and household cleaning. Industrial cleaning involves mechanical dishwashing, equipment cleaning, and others, where green chelates/natural chelating agents are used for the removal of metal ions. Household cleaning includes automatic dishwashing, laundry detergents, hand dishwashing, and surface cleaning.

The use of green chelates as a natural agricultural nutrient will drive the growth prospects for the global green chelating agents market in the forthcoming years. The growing use of agrochemicals due to the economic development witnessed in emerging countries such as Brazil, Russia, India, and China, increasing disposable income of its citizens, and changes in the standard of living, will drive the growth in demand for green chelating agents. In addition, a large number of agrochemical manufacturers are increasingly adopting green chelating agents to produce high-quality food items, formulating effective micronutrients for crops, and enhancing their uptake. Additionally, to address the environmental issues and their impacts the coming years will also

witness an increased demand for eco-friendly chelating agents from the agrochemicals industry, which will consequently drive market growth.

The Global Info Research report includes an overview of the development of the Green Chelating Agents industry chain, the market status of Cleaners (Sodium Gluconate, Ethylenediamine-N, N'-Disuccinic Acid), Water Treatment (Sodium Gluconate, Ethylenediamine-N, N'-Disuccinic Acid), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Green Chelating Agents.

Regionally, the report analyzes the Green Chelating Agents markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Green Chelating Agents market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Green Chelating Agents market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Green Chelating Agents industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Sodium Gluconate, Ethylenediamine-N, N'-Disuccinic Acid).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Green Chelating Agents market.

Regional Analysis: The report involves examining the Green Chelating Agents market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Green Chelating Agents market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Green Chelating Agents:

Company Analysis: Report covers individual Green Chelating Agents manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Green Chelating Agents. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Cleaners, Water Treatment).

Technology Analysis: Report covers specific technologies relevant to Green Chelating Agents. It assesses the current state, advancements, and potential future developments in Green Chelating Agents areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Green Chelating Agents market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Green Chelating Agents market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Sodium Gluconate

Ethylenediamine-N, N'-Disuccinic Acid

L-Glutamic Acid N, N-Diacetic Acid

Methyl Glycindiacytic Acid

Others

Market segment by Application

Cleaners

Water Treatment

Pulp & Paper

Agrochemicals

Personal Care

Pharmaceutical

Food & Beverage

Others

Major players covered

AkzoNobel

BASF

Dow Chemical

Kemira

NIPPON SHOKUBAI

Innospec

Jungbunzlauer Suisse

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Green Chelating Agents product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Green Chelating Agents, with price, sales, revenue and global market share of Green Chelating Agents from 2019 to 2024.

Chapter 3, the Green Chelating Agents competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Green Chelating Agents breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Green Chelating Agents market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Green Chelating Agents.

Chapter 14 and 15, to describe Green Chelating Agents sales channel, distributors, customers, research findings and conclusion.

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