Green chelates agents are biodegradable materials mainly used for washing or cleaning. These materials are primarily used in laundry, surface care, detergents, and home care. 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.

Europe accounted for the maximum market share during 2016 and will continue to dominate the market in the forthcoming years as well. Some of the major factors responsible for the market's growth in the region is the increasing consumer awareness and stringent water resource protection laws. Moreover, as the maturity of the market for conventional chelating agents such as ethylenediaminetetraacetic acid tetrasodium salt (EDTA), will also drive the growth of the market for green chelating agents in this region.

Global Green Chelating Agents market size will increase to xx Million US$ by 2025, from xx Million US$ in 2018, at a CAGR of xx% during the forecast period. In this study, 2018 has been considered as the base year and 2019 to 2025 as the forecast period to estimate the market size for Green Chelating Agents.

This report researches the worldwide Green Chelating Agents market size (value, capacity, production and consumption) in key regions like United States, Europe, Asia Pacific (China, Japan) and other regions.

This study categorizes the global Green Chelating Agents breakdown data by manufacturers, region, type and application, also analyzes the market status, market share, growth rate, future trends, market drivers, opportunities and challenges, risks and entry barriers, sales channels, distributors and Porter’s Five Forces Analysis.

The following manufacturers are covered in this report:
AkzoNobel
BASF
Dow Chemical
Kemira
NIPPON SHOKUBAI
Innospec
Jungbunzlauer Suisse
Green Chelating Agents Breakdown Data by Type
Sodium Gluconate
Ethylenediamine-N, N'-Disuccinic Acid
L-Glutamic Acid N, N-Diacetic Acid
Methyl Glycindiacetic Acid
Others
Green Chelating Agents Breakdown Data by Application
Cleaners
Water Treatment
Pulp & Paper
Agrochemicals
Personal Care
Pharmaceutical
Food & Beverage
Others
Green Chelating Agents Production Breakdown Data by Region
United States
Europe
China
Japan
Other Regions
Green Chelating Agents Consumption Breakdown Data by Region
North America
United States
Canada
Mexico
Asia-Pacific
China
The study objectives are:
To analyze and research the global Green Chelating Agents capacity, production, value, consumption, status and forecast;
To focus on the key Green Chelating Agents manufacturers and study the capacity, production, value, market share and development plans in next few years.
To focuses on the global key manufacturers, to define, describe and analyze the market competition landscape, SWOT analysis.
To define, describe and forecast the market by type, application and region.
To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.
To identify significant trends and factors driving or inhibiting the market growth.
To analyze the opportunities in the market for stakeholders by identifying the high growth segments.
To strategically analyze each submarket with respect to individual growth trend and their contribution to the market.
To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.
To strategically profile the key players and comprehensively analyze their growth strategies.
In this study, the years considered to estimate the market size of Green Chelating Agents:
History Year: 2014-2018
Base Year: 2018
Estimated Year: 2019
Forecast Year 2019 to 2025
For the data information by region, company, type and application, 2018 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

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