

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Green Chelates/Natural Chelating Agents Market 2018, Forecast to 2023

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# **Abstracts**

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.

Scope of the Report:

This report focuses on the Green Chelates/Natural Chelating Agents in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

The technical barriers of green chelates/natural chelating agents are relatively high. In the United States market, there are some local manufacturers, such as BASF, Akzo Nobel and PMP Fermentation Products. Lanxess, Innospec, Jungbunzlauer and some Chinese manufacturers export green chelates/natural chelating agents to United States. Green chelates/natural chelating agents are likely to show a significant grow in the coming years, owing to potential health and environmental hazards associated with nonbiodegradable organic chelating compounds.

Green chelates/natural chelating agents have a wide range of application. The Detergent industry presents immense growth opportunities for the chelating agents



market. Personal Care application and Pulp & Paper application also offer huge potential. The demand for green chelates/natural chelating agents is expected to continue increasing during the remaining years of the forecast period of 2018-2023.

In the past few years, the price of green chelates/natural chelating agents has decreased and we expect the price will slightly lower. However, the improvement of energy, transportation costs, employee wages, and equipment depreciation will play a significant role in promoting the cost of green chelates/natural chelating agents.

As the same time, companies are focusing on technological innovation, equipment upgrades, and process improvements, to reduce costs and improve quality. With the snatch for market share in emerging regions, the competition in green chelates/natural chelating agents industry will become more intense.

The worldwide market for Green Chelates/Natural Chelating Agents is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

BASF

Akzo Nobel

Lanxess

Innospec

PMP Fermentation Products

Jungbunzlauer

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)



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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

#### Market Segment by Type, covers

Sodium Gluconate

Sodium Iminodisuccinate

EDDS

GLDA

MGDA

Others

#### Market Segment by Applications, can be divided into

Detergent

Personal Care

Pulp & Paper

Agrichemicals

Food & Beverage

Others

There are 15 Chapters to deeply display the global Green Chelates/Natural Chelating Agents market.

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Green Chelates/Natural Che...



Chapter 1, to describe Green Chelates/Natural Chelating Agents Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Green Chelates/Natural Chelating Agents, with sales, revenue, and price of Green Chelates/Natural Chelating Agents, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Green Chelates/Natural Chelating Agents, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Green Chelates/Natural Chelating Agents market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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