

Global Industrial Biodegradable Chelating Agents Market Growth 2026-2032

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Abstracts

The global Industrial Biodegradable Chelating Agents market size is predicted to grow from US\$ 1125 million in 2025 to US\$ 1862 million in 2032; it is expected to grow at a CAGR of 7.3% from 2026 to 2032.

Industrial biodegradable chelating agents are functional chemicals that complex metal ions such as calcium, magnesium, iron and copper while offering better environmental degradability. Common products include GLDA, MGDA, IDS, EDDS and gluconates. They are used to replace selected traditional EDTA, NTA and phosphorus-containing additives, improving cleaning, scale inhibition, bleach stabilization and metal-ion control. In 2025, global Industrial Biodegradable Chelating Agents production reached approximately 426 K MT.

Detergent, industrial cleaning and water-treatment formulations are reducing the use of poorly degradable chelants and phosphorus-containing builders, creating broader opportunities for biodegradable chelating agents. GLDA and MGDA perform well in high-pH, hard-water and bleach-containing systems, making them suitable for home care, institutional cleaning and industrial cleaning. Agriculture and pulp and paper are also seeking lower-environmental-burden metal-ion control solutions.

The main constraint is cost, which remains higher than traditional chelants, and different applications require different balances among chelation strength, stability and corrosion. Future growth will expand through regulatory substitution, formulation upgrades and green-label certification. Suppliers that offer high-concentration products, low-salt byproduct control and application support will be more competitive.

From an application-expansion perspective, volume growth for biodegradable chelating

agents depends on customer acceptance of total formulation cost and environmental-compliance value. Industrial cleaning, home care, water treatment, agriculture and pulp-and-paper customers select different routes based on chelation strength, pH tolerance, corrosion control and biodegradability.

LP Information, Inc. (LPI) ' newest research report, the "Industrial Biodegradable Chelating Agents Industry Forecast" looks at past sales and reviews total world Industrial Biodegradable Chelating Agents sales in 2025, providing a comprehensive analysis by region and market sector of projected Industrial Biodegradable Chelating Agents sales for 2026 through 2032. With Industrial Biodegradable Chelating Agents sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Industrial Biodegradable Chelating Agents industry.

This Insight Report provides a comprehensive analysis of the global Industrial Biodegradable Chelating Agents landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Industrial Biodegradable Chelating Agents portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Industrial Biodegradable Chelating Agents market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Industrial Biodegradable Chelating Agents and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Industrial Biodegradable Chelating Agents.

This report presents a comprehensive overview, market shares, and growth opportunities of Industrial Biodegradable Chelating Agents market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Detergent-Grade Chelants

Water-Treatment Chelants

Pulp And Paper Chelants

Agricultural Chelants

Oilfield Chelants

Other

Segmentation by Feature:

Readily Biodegradable Chelants

Bio-Based Chelants

Segmentation by Channel:

Direct Sales

Distribution

Segmentation by Application:

Industrial Cleaning

Detergents

Water Treatment

Pulp And Paper

Agriculture

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Nouryon

BASF

Jungbunzlauer

Innospec

Jarchem

AVA Biochem

Kemira

Itaconix

Shandong IRO Chelating

Nippon Shokubai

Key Questions Addressed in this Report

What is the 10-year outlook for the global Industrial Biodegradable Chelating Agents

market?

What factors are driving Industrial Biodegradable Chelating Agents market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Industrial Biodegradable Chelating Agents market opportunities vary by end market size?

How does Industrial Biodegradable Chelating Agents break out by Type, by Application?

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