Global Chitin, Chitosan, and Derivatives Market: Information by Type (Chitin, Chitosan, Glucosamine, and Others), Application (Food & Beverages, Pharmaceuticals & Nutraceuticals, Animal Feed, Agriculture, and Others) and Region (North America, Europe, Asia-Pacific, South America, and Middle East & Africa) - Forecast till 2025

Market Overview

Chitin, Chitosan, and Derivatives Market has witnessed significant growth over the last few years and is projected to reach by USD 8,531.7 Million by 2025 at a CAGR of 8.7% from 2019 to 2025. Chitin is a natural polysaccharide found in crustacean shells, insect skin, and the cell walls of fungal species. Its derivatives such as chitosan and glucosamine find application in various industries. The global chitin, chitosan, and derivatives market is highly competitive with key industry players focusing on product portfolios, regional presence, strategic alliances, and industry experience. The key players are taking steps toward business expansions and market development, expanding their customer base. The international players may strengthen their presence worldwide through acquisitions during the review period.

Market Dynamics

Naturally obtained chitin and its derivatives are widely used in various application industries such as food & beverages, personal care, pharmaceuticals, nutraceuticals, textile, wastewater treatment, paper manufacturing, and agriculture. Thus, the wide application scope of chitin and its derivatives is fueling the growth of the global chitin, chitosan, and derivatives market. The abundant availability of raw material is another factor driving the growth of the market as it ensures the continuous and economical supply of raw material.

Global Chitin, Chitosan, and Derivatives Market Share, by Type, 2018 (%)

Source: MRFR Analysis

Segmentation

The Global Chitin, Chitosan, and Derivatives Market has been segmented on the Basis of Type, Application, and Region.

Based on type, the market has been segregated into chitin, chitosan, glucosamine, and others. The chitosan segment accounted for the largest market share in 2018. The dominance of the segment...
can be attributed to the high demand for chitosan in various application industries such as food & beverages, agriculture, aquaculture, food packaging, water treatment, and pharmaceuticals. By application, the market has been divided into food & beverages, pharmaceuticals & nutraceuticals, animal feed, agriculture, and others. The food & beverages segment is projected to be the fastest growing during the forecast period owing to the rising consumption of natural food products and beverages, mainly in North America and Europe.

Chitin, Chitosan, and Derivatives Market Size, by Application, 2017–2025 (USD Million)

Sources: MRFR Analysis

Regional Analysis

On the basis of region, the Global Chitin, Chitosan and Derivatives Market has been categorized as North America, Europe, Asia-Pacific, South America, and the Middle East & Africa.

North America accounted for the largest market share in 2018 while the market in Asia-Pacific is expected to register the highest CAGR during the review period. Growing health consciousness and increasing awareness regarding the benefits of chitin, chitosan, and their derivatives are the key factors driving the growth of the North American market. The presence of numerous pharmaceutical and nutraceutical manufacturers in North America is another factor boosting the consumption of chitin, chitosan, and derivatives in the region, with the US being the largest country-level market.

Key Players

The Prominent Players in the Global Chitin, Chitosan and Derivatives Market include Advanced Biopolymers AS (Norway), G.T.C. Bio Corporation (China), Golden-Shell Pharmaceutical Co. Ltd. (China), Hepe Medical Chitosan GmbH (Germany), Kitozyme, LLC (Belgium), Zhejiang Shinfuda Marine Biotechnology Corp. (China), Meron Group (India), Primex EHF (Iceland), Zhejiang Candorly Pharmaceutical Co. (China), and Panvo Organics Pvt Ltd (India).

Chitin, Chitosan and Derivatives Market Segmentation

Global Chitin, Chitosan, and Derivatives Market, by Type

- Chitin
- Chitosan
- Glucosamine
- Others

Global Chitin, Chitosan, and Derivatives Market, by Application

- Food & Beverages
- Pharmaceuticals & Nutraceuticals
- Animal Feed
- Agriculture
- Others

Global Chitin, Chitosan, and Derivatives Market, by Region

- North America
  - US
  - Canada
  - Mexico
- Europe
Available Additional Customizations

- Company profiles of key regional players
- Country-level analysis

Intended Audience

- Chitin, chitosan, and derivatives manufacturers/dealers
- Food & beverage manufacturers
- Research institutes and organizations
- Traders, importers, and exporters

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2 MARKET INTRODUCTION