

Chitosan Market by Grade (Industrial, Food, and Pharmaceutical), Application (Water Treatment, Food & Beverages, Cosmetics, Medical & Pharmaceuticals, and Agrochemicals), and Region (Asia Pacific, North America, Europe, Row) - Global Forecast to 2022

<https://marketpublishers.com/r/C9C977DC4CEEN.html>

Date: April 2018

Pages: 103

Price: US\$ 5,650.00 (Single User License)

ID: C9C977DC4CEEN

Abstracts

In terms of value, the chitosan market is projected to grow at a CAGR of 14.5% during the forecast period from 2017 to 2022.

The chitosan market is projected to grow from USD 553.6 million in 2017 to USD 1,088.0 million by 2022, at a CAGR of 14.5% between 2017 and 2022. Chitosan is a natural fiber, which is derived from chitin. Chitin is found in the outer shells of different types of shellfish such as shrimp, crabs, and lobsters. It is the second-most abundant polysaccharide found in cellulose. As chitosan is a rich source of fiber, it is increasingly used as a dietary supplement for weight loss. It is used to treat water by absorbing toxic substances, greases, oil, and metals from water. The chitosan market is witnessing rapid growth across the globe, owing to the increasing use of chitosan in various new applications such as textiles and ophthalmology, and rising demand for chitosan from emerging economies of the Asia Pacific region such as India and China.

The industrial grade segment of the chitosan market is projected to grow at the highest CAGR, in terms of value during the forecast period.

Industrial grade chitosan is the most-widely used chitosan grade. It is used as an alternative to chemicals in various applications such as water treatment, food & beverages, agrochemicals, cosmetics, and medical & pharmaceuticals. The increasing use of chitosan for water treatment, cosmetics, and medical & pharmaceuticals in the Asia Pacific region is expected to fuel the growth of the industrial grade segment of the

chitosan market during the forecast period. Moreover, the ongoing rapid industrialization in China and India is also expected to drive the growth of the industrial grade segment of the chitosan market from 2017 to 2022.

In terms of volume, the water treatment application segment is projected to lead the chitosan market during the forecast period.

The water treatment application segment is projected to account for the largest share of the chitosan market, in terms of volume during the forecast period. The growth of the water treatment application segment of the chitosan market can be attributed to the increased demand for treated water for reuse across the globe, owing to the growing scarcity of fresh water. Chitosan is one of the inexpensive materials used for water treatment. It offers outstanding absorbing capabilities than other chemicals.

The Asia Pacific chitosan market is projected to grow at the highest CAGR, in terms of value from 2017 to 2022.

The Asia Pacific chitosan market is projected to grow at the highest CAGR, in terms of value during the forecast period. The growth of the Asia Pacific chitosan market can be attributed to the increasing inflow of wastewater from various industries and growing demand for fresh water. The China chitosan market is projected to grow at the highest CAGR, in terms of value during the forecast period, followed by Vietnam and India. Countries such as Thailand, Indonesia, and Malaysia are emerging as manufacturing hubs for different industries due to the increasing purchasing power of their middle-class population. This, in turn, is leading to the increased demand for chitosan to treat industrial wastewater in the region, thereby contributing to the growth of the Asia Pacific chitosan market.

Extensive primary interviews were conducted to determine and verify the market size of several segments and subsegments of the chitosan market and information gathered through secondary research.

The break-up of primary interviews is given below:

By Company Type - Tier 1 – 50%, Tier 2 – 37%, and Tier 3 – 13%

By Designation - Director Level – 31%, C level – 23%, and Others – 46%

By Region - North America – 15%, Europe – 35%, Asia Pacific – 44%, and Rest

of the World (RoW) - 6%

Note: Tiers of companies are defined based on their total revenues in 2016. Tier 1: revenue greater than USD 500 million; Tier 2: revenue between USD 100 million and USD 500 million, and Tier 3: revenue lesser than USD 100 million.

Others include sales managers, marketing managers, and product managers.

The companies profiled in this market research report include Primex ehf (Iceland), Heppe Medical Chitosan GmbH (Germany), Vietnam Food (Vietnam), KitoZyme S.A. (Belgium), Agratech (US), Advanced Biopolymers AS (Norway), BIO21 Co., Ltd. (Thailand), G.T.C. Bio Corporation (China), Taizhou City Fengrun Biochemical Co., Ltd. (China), and Zhejiang Golden-Shell Pharmaceutical Co., Ltd. (China).

Research Coverage:

This research report categorizes the chitosan market based on grade, application, and region. The report includes the detailed information regarding the major factors such as drivers, restraints, challenges, and opportunities influencing the growth of the chitosan market. A detailed analysis of the key industry players was undertaken to provide insights into their business overviews, products & services offered by them, and recent developments associated with the chitosan market undertaken by them.

Reasons to Buy the Report

The report is expected to help market leaders/new entrants in the chitosan market in the following ways:

1. This report segments the chitosan market comprehensively and provides the closest approximations of the market sizes of the overall market and its segments across different verticals and regions.
2. The report is expected to help stakeholders understand the pulse of the chitosan market and provide them information on the key drivers, restraints, challenges, and opportunities influencing the growth of the market.
3. This report is expected to help stakeholders understand major competitors and gain insights to enhance the position of their businesses in the chitosan market.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 CHITOSAN MARKET SEGMENTATION
 - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 UNITS CONSIDERED
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
- 2.2 SECONDARY DATA
 - 2.2.1 KEY DATA FROM SECONDARY SOURCES
 - 2.2.2 PRIMARY DATA
 - 2.2.3 KEY DATA FROM PRIMARY SOURCES
 - 2.2.4 BREAKDOWN OF PRIMARY INTERVIEWS
- 2.3 MARKET SIZE ESTIMATION
- 2.4 DATA TRIANGULATION
- 2.5 ASSUMPTIONS AND LIMITATIONS
 - 2.5.1 ASSUMPTIONS
 - 2.5.2 LIMITATIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE CHITOSAN MARKET
- 4.2 CHITOSAN MARKET, BY GRADE
- 4.3 CHITOSAN MARKET, BY APPLICATION
- 4.4 APAC CHITOSAN MARKET, BY COUNTRY AND GRADE

5 MARKET OVERVIEW

5.1 INTRODUCTION

Chitosan Market by Grade (Industrial, Food, and Pharmaceutical), Application (Water Treatment, Food & Beverage...

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

- 5.2.1.1 Unique properties of chitosan
- 5.2.1.2 Availability of abundant raw material

5.2.2 RESTRAINTS

- 5.2.2.1 Regulations and compliances related to shrimp farming

5.2.3 OPPORTUNITIES

- 5.2.3.1 Growing awareness about health globally
- 5.2.3.2 Production of chitosan from non-aquatic sources

5.2.4 CHALLENGES

- 5.2.4.1 Disadvantages of using chitosan in drug delivery system
- 5.2.4.2 Instability of chitosan in some applications

5.3 PORTER'S FIVE FORCES ANALYSIS OF THE CHITOSAN MARKET

5.3.1 THREAT OF SUBSTITUTES

5.3.2 BARGAINING POWER OF SUPPLIERS

5.3.3 BARGAINING POWER OF BUYERS

5.3.4 INTENSITY OF COMPETITIVE RIVALRY

5.3.5 THREAT OF NEW ENTRANTS

5.4 MACROECONOMIC INDICATORS

5.4.1 INTRODUCTION

5.4.2 FORECAST OF GDP GROWTH RATE OF MAJOR ECONOMIES

5.4.3 TRENDS IN THE WATER TREATMENT INDUSTRY

5.4.4 TRENDS IN FOOD & BEVERAGE INDUSTRY

6 CHITOSAN MARKET, BY GRADE

6.1 INTRODUCTION

6.2 INDUSTRIAL GRADE

6.3 FOOD GRADE

6.4 PHARMACEUTICAL GRADE

7 CHITOSAN MARKET, BY APPLICATION

7.1 INTRODUCTION

7.2 WATER TREATMENT

7.3 FOOD & BEVERAGES

7.4 COSMETICS

7.5 MEDICAL & PHARMACEUTICALS

7.6 AGROCHEMICALS

7.7 OTHERS

8 CHITOSAN MARKET, BY REGION

8.1 INTRODUCTION

8.2 APAC

8.2.1 CHINA

8.2.2 VIETNAM

8.2.3 INDIA

8.2.4 THAILAND

8.2.5 REST OF APAC

8.3 NORTH AMERICA

8.3.1 US

8.3.2 CANADA

8.3.3 MEXICO

8.4 EUROPE

8.4.1 ICELAND

8.4.2 NORWAY

8.4.3 GERMANY

8.4.4 REST OF EUROPE

8.5 ROW

8.5.1 UAE

8.5.2 BRAZIL

9 COMPANY PROFILES

(Business Overview, Products Offered, MnM View)*

9.1 PRIMEX EHF

9.2 HEPPE MEDICAL CHITOSAN GMBH

9.3 VIETNAM FOOD

9.4 KITOZYME S.A.

9.5 AGRATECH

9.6 ADVANCED BIOPOLYMERS AS

9.7 BIO21 CO., LTD.

9.8 G.T.C. BIO CORPORATION

9.9 TAIZHOU CITY FENGRUN BIOCHEMICAL CO., LTD.

9.10 ZHEJIANG GOLDEN-SHELL PHARMACEUTICAL CO., LTD.

*Details on Business Overview, Products Offered, MnM View might not be captured in case of unlisted companies.

9.11 OTHER KEY PLAYERS

9.11.1 NINGBO ZHENHAI HAIXIN BIOLOGICAL PRODUCTS CO. LTD.

9.11.2 WEIFANG HAIZHIYUAN BIOLOGICAL PRODUCTS CO., LTD.

9.11.3 QINGDAO YUNZHOU BIOCHEMISTRY CO., LTD

9.11.4 PANVO ORGANICS PVT LTD

9.11.5 XIANJU TENGWANG CHITOSAN FACTORY

9.11.6 PT BIOTECH SURINDO

9.11.7 KOYO CHEMICAL CO., LTD.

10 APPENDIX

10.1 INSIGHTS OF INDUSTRY EXPERTS

10.2 DISCUSSION GUIDE

10.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

10.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

10.5 AVAILABLE CUSTOMIZATIONS

10.6 RELATED REPORTS

10.7 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 TRENDS AND FORECAST OF GDP GROWTH RATES BETWEEN 2016 AND 2022

Table 2 FASTEST GROWING WATER TREATMENT MARKETS, 2010–2016

Table 3 WORLDWIDE PREVALENCE OF EXCESS BODY WEIGHT IN CHILDREN, 2010–2013

Table 4 CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (KILOTON)

Table 5 CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (USD MILLION)

Table 6 INDUSTRIAL GRADE CHITOSAN MARKET SIZE, BY REGION, 2015–2022 (KILOTON)

Table 7 INDUSTRIAL GRADE CHITOSAN MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 8 FOOD GRADE CHITOSAN MARKET SIZE, BY REGION, 2015–2022 (KILOTON)

Table 9 FOOD GRADE CHITOSAN MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 10 PHARMACEUTICAL GRADE CHITOSAN MARKET SIZE, BY REGION, 2015–2022 (KILOTON)

Table 11 PHARMACEUTICAL GRADE CHITOSAN MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 12 CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

Table 13 CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

Table 14 CHITOSAN MARKET SIZE IN WATER TREATMENT APPLICATION, BY REGION, 2015–2022 (KILOTON)

Table 15 CHITOSAN MARKET SIZE IN WATER TREATMENT APPLICATION, BY REGION, 2015–2022 (USD MILLION)

Table 16 CHITOSAN MARKET SIZE IN FOOD & BEVERAGES APPLICATION, BY REGION, 2015–2022 (KILOTON)

Table 17 CHITOSAN MARKET SIZE IN FOOD & BEVERAGES APPLICATION, BY REGION, 2015–2022 (USD MILLION)

Table 18 CHITOSAN MARKET SIZE IN COSMETICS APPLICATION, BY REGION, 2015–2022 (KILOTON)

Table 19 CHITOSAN MARKET SIZE IN COSMETICS APPLICATION, BY REGION, 2015–2022 (USD MILLION)

Table 20 CHITOSAN MARKET SIZE IN MEDICAL & PHARMACEUTICALS APPLICATION, BY REGION, 2015–2022 (KILOTON)

Table 21 CHITOSAN MARKET SIZE IN MEDICAL & PHARMACEUTICALS APPLICATION, BY REGION, 2015–2022 (USD MILLION)

Table 22 CHITOSAN MARKET SIZE IN AGROCHEMICALS APPLICATION, BY REGION, 2015–2022 (KILOTON)

Table 23 CHITOSAN MARKET SIZE IN AGROCHEMICALS APPLICATION, BY REGION, 2015–2022 (USD MILLION)

Table 24 CHITOSAN MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2015–2022 (KILOTON)

Table 25 CHITOSAN MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2015–2022 (USD MILLION)

Table 26 CHITOSAN MARKET SIZE, BY REGION, 2015–2022 (KILOTON)

Table 27 CHITOSAN MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 28 APAC: CHITOSAN MARKET SIZE, BY COUNTRY, 2015–2022 (TON)

Table 29 APAC: CHITOSAN MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 30 APAC: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 31 APAC: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (USD MILLION)

Table 32 APAC: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 33 APAC: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

Table 34 CHINA: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 35 CHINA: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 36 VIETNAM: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 37 VIETNAM: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 38 INDIA: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 39 INDIA: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 40 THAILAND: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 41 THAILAND: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 42 REST OF APAC: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 43 REST OF APAC CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 44 NORTH AMERICA: CHITOSAN MARKET SIZE, BY COUNTRY, 2015–2022 (TON)

Table 45 NORTH AMERICA: CHITOSAN MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 46 NORTH AMERICA: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 47 NORTH AMERICA: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022

(USD MILLION)

Table 48 NORTH AMERICA: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 49 NORTH AMERICA: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

Table 50 US: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 51 US: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 52 CANADA: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 53 CANADA: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 54 MEXICO: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 55 MEXICO: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 56 EUROPE: CHITOSAN MARKET SIZE, BY COUNTRY, 2015–2022 (TON)

Table 57 EUROPE: CHITOSAN MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 58 EUROPE: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 59 EUROPE: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (USD MILLION)

Table 60 EUROPE: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 61 EUROPE: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

Table 62 ICELAND: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 63 ICELAND: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 64 NORWAY: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 65 NORWAY: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 66 GERMANY: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 67 GERMANY: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 68 REST OF EUROPE: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 69 REST OF EUROPE: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 70 ROW: CHITOSAN MARKET SIZE, BY COUNTRY, 2015–2022 (TON)

Table 71 ROW: CHITOSAN MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 72 ROW: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 73 ROW: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (USD MILLION)

Table 74 ROW: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 75 ROW: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

Table 76 UAE: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 77 UAE: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

Table 78 BRAZIL: CHITOSAN MARKET SIZE, BY GRADE, 2015–2022 (TON)

Table 79 BRAZIL: CHITOSAN MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

List Of Figures

LIST OF FIGURES

- Figure 1 CHITOSAN MARKET: RESEARCH DESIGN
- Figure 2 MARKET SIZE ESTIMATION: BOTTOM-UP APPROACH
- Figure 3 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH
- Figure 4 CHITOSAN MARKET: DATA TRIANGULATION
- Figure 5 INDUSTRIAL GRADE TO DOMINATE THE MARKET BETWEEN 2017 AND 2022
- Figure 6 WATER TREATMENT TO LEAD THE MARKET BETWEEN 2017 AND 2022
- Figure 7 APAC TO WITNESS SIGNIFICANT GROWTH DURING THE FORECAST PERIOD
- Figure 8 INCREASING DEMAND IN WATER TREATMENT IS DRIVING THE CHITOSAN MARKET
- Figure 9 INDUSTRIAL GRADE IS THE FASTEST GROWING SEGMENT BY VOLUME
- Figure 10 AGROCHEMICALS TO BE THE FASTEST-GROWING APPLICATION OF CHITOSAN
- Figure 11 KEY MARKETS IN THE ASIA PACIFIC
- Figure 12 FACTORS GOVERNING THE CHITOSAN MARKET
- Figure 13 INDUSTRIAL GRADE IS THE LARGEST SEGMENT, BY VOLUME IN 2016
- Figure 14 APAC TO BE THE FASTEST-GROWING INDUSTRIAL GRADE CHITOSAN MARKET
- Figure 15 EUROPE TO BE THE SECOND-LARGEST FOOD GRADE CHITOSAN MARKET
- Figure 16 APAC TO BE THE FASTEST-GROWING PHARMACEUTICAL GRADE CHITOSAN MARKET
- Figure 17 WATER TREATMENT ACCOUNTED THE LARGEST MARKET SHARE IN 2016
- Figure 18 APAC TO BE THE FASTEST-GROWING MARKET IN WATER TREATMENT
- Figure 19 EUROPE TO BE THE SECOND-FASTEST-GROWING MARKET IN FOOD & BEVERAGES
- Figure 20 APAC TO BE THE LARGEST MARKET IN COSMETICS
- Figure 21 APAC TO BE THE FASTEST-GROWING MARKET IN MEDICAL & PHARMACEUTICALS
- Figure 22 APAC TO BE THE LARGEST MARKET IN AGROCHEMICALS
- Figure 23 APAC TO BE FASTEST-GROWING MARKET IN OTHER APPLICATIONS
- Figure 24 CHINA TO REGISTER THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 25 APAC SNAPSHOT: CHITOSAN MARKET

Figure 26 NORTH AMERICA SNAPSHOT: CHITOSAN MARKET

I would like to order

Product name: Chitosan Market by Grade (Industrial, Food, and Pharmaceutical), Application (Water Treatment, Food & Beverages, Cosmetics, Medical & Pharmaceuticals, and Agrochemicals), and Region (Asia Pacific, North America, Europe, Row) - Global Forecast to 2022

Product link: <https://marketpublishers.com/r/C9C977DC4CEEN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C9C977DC4CEEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970