

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Chitosan Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G3057F38C44EN.html>

Date: July 2018

Pages: 145

Price: US\$ 4,880.00 (Single User License)

ID: G3057F38C44EN

Abstracts

Chitosan is a derivative of chitin obtained by treating the chitin in a concentrated sodium hydroxide bath at elevated temperature. Chitosan, which is soluble in acidic aqueous media, is used in many applications (food, cosmetics, biomedical and pharmaceutical applications).

SCOPE OF THE REPORT:

This report focuses on the Chitosan 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. Chitosan is extracted from chitin, insoluble in water but soluble in dilute acid and absorbed by human body. As the first derivate, its chemical constitution is macromolecule alkaline polysaccharide polymer with cation. It has peculiar physical, chemical properties and bioactive function.

Chitosan can mostly be applied in the following industries: textile, dyeing and printing, leather, tobacco, plastics, food additive, fodder, pharmaceuticals, color film, paper manufacturing, biological engineering, agriculture protecting and dispose waste water etc., or widely used in health food and food additives.

Chitosan are highly concentrated in the regions: China, USA, Europe and Japan. In 2015, China and Europe achieved the production were 5401 MT and 2770 MT, which were estimated to hold the production market share of 43.32% and 22.22% respectively. USA is another significant produce region, whose production market share was 17.63% in 2015.

The worldwide market for Chitosan is expected to grow at a CAGR of roughly 6.7% over

the next five years, will reach 690 million US\$ in 2023, from 470 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Primex

Agratech

ADVANCED BIOPOLYMERS

Novamatrix

Dainichiseika Color & Chemicals

Bioline

Fuda

Fengrun

Golden Shell

Huashan

Haixin

Haizhiyuan

Haidebei Marine

Yunzhou

Hecreat

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

Industrial Grade

Food Grade

Pharmaceutical Grade

Others

Market Segment by Applications, can be divided into

Water and Waste Treatment

Agriculture and Agrochemicals

Cosmetics and Toiletries

Healthcare and Medical

Food and Beverages

Others

There are 15 Chapters to deeply display the global Chitosan market.

Chapter 1, to describe Chitosan Introduction, product scope, market overview, market

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Chitosan Market 2018, Fore...

opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Chitosan, with sales, revenue, and price of Chitosan, 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 Chitosan, 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, Chitosan market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Chitosan sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 Chitosan Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Industrial Grade
 - 1.2.2 Food Grade
 - 1.2.3 Pharmaceutical Grade
 - 1.2.4 Others
- 1.3 Market Analysis by Applications
 - 1.3.1 Water and Waste Treatment
 - 1.3.2 Agriculture and Agrochemicals
 - 1.3.3 Cosmetics and Toiletries
 - 1.3.4 Healthcare and Medical
 - 1.3.5 Food and Beverages
 - 1.3.6 Others
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)

1.4.4.5 Nigeria Market States and Outlook (2013-2023)

1.5 Market Dynamics

1.5.1 Market Opportunities

1.5.2 Market Risk

1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 Primex

2.1.1 Business Overview

2.1.1.1 Primex Description

2.1.1.2 Primex Headquarter, Main Business and Finance Overview

2.1.2 Primex Chitosan Product Introduction

2.1.2.1 Chitosan Production Bases, Sales Regions and Major Competitors

2.1.2.2 Chitosan Product Information

2.1.3 Primex Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 Primex Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global Primex Chitosan Market Share in 2017

2.2 Agratech

2.2.1 Business Overview

2.2.1.1 Agratech Description

2.2.1.2 Agratech Headquarter, Main Business and Finance Overview

2.2.2 Agratech Chitosan Product Introduction

2.2.2.1 Chitosan Production Bases, Sales Regions and Major Competitors

2.2.2.2 Chitosan Product Information

2.2.3 Agratech Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 Agratech Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global Agratech Chitosan Market Share in 2017

2.3 ADVANCED BIOPOLYMERS

2.3.1 Business Overview

2.3.1.1 ADVANCED BIOPOLYMERS Description

2.3.1.2 ADVANCED BIOPOLYMERS Headquarter, Main Business and Finance Overview

2.3.2 ADVANCED BIOPOLYMERS Chitosan Product Introduction

2.3.2.1 Chitosan Production Bases, Sales Regions and Major Competitors

2.3.2.2 Chitosan Product Information

2.3.3 ADVANCED BIOPOLYMERS Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 ADVANCED BIOPOLYMERS Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global ADVANCED BIOPOLYMERS Chitosan Market Share in 2017

2.4 Novamatrix

2.4.1 Business Overview

2.4.1.1 Novamatrix Description

2.4.1.2 Novamatrix Headquarter, Main Business and Finance Overview

2.4.2 Novamatrix Chitosan Product Introduction

2.4.2.1 Chitosan Production Bases, Sales Regions and Major Competitors

2.4.2.2 Chitosan Product Information

2.4.3 Novamatrix Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 Novamatrix Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global Novamatrix Chitosan Market Share in 2017

2.5 Dainichiseika Color & Chemicals

2.5.1 Business Overview

2.5.1.1 Dainichiseika Color & Chemicals Description

2.5.1.2 Dainichiseika Color & Chemicals Headquarter, Main Business and Finance Overview

2.5.2 Dainichiseika Color & Chemicals Chitosan Product Introduction

2.5.2.1 Chitosan Production Bases, Sales Regions and Major Competitors

2.5.2.2 Chitosan Product Information

2.5.3 Dainichiseika Color & Chemicals Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 Dainichiseika Color & Chemicals Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global Dainichiseika Color & Chemicals Chitosan Market Share in 2017

2.6 Bioline

2.6.1 Business Overview

2.6.1.1 Bioline Description

2.6.1.2 Bioline Headquarter, Main Business and Finance Overview

2.6.2 Bioline Chitosan Product Introduction

2.6.2.1 Chitosan Production Bases, Sales Regions and Major Competitors

2.6.2.2 Chitosan Product Information

2.6.3 Bioline Chitosan Sales, Price, Revenue, Gross Margin and Market Share

(2016-2017)

2.6.3.1 Bioline Chitosan Sales, Price, Revenue, Gross Margin and Market Share

(2016-2017)

2.6.3.2 Global Bioline Chitosan Market Share in 2017

2.7 Fuda

2.7.1 Business Overview

2.7.1.1 Fuda Description

2.7.1.2 Fuda Headquarter, Main Business and Finance Overview

2.7.2 Fuda Chitosan Product Introduction

2.7.2.1 Chitosan Production Bases, Sales Regions and Major Competitors

2.7.2.2 Chitosan Product Information

2.7.3 Fuda Chitosan Sales, Price, Revenue, Gross Margin and Market Share

(2016-2017)

2.7.3.1 Fuda Chitosan Sales, Price, Revenue, Gross Margin and Market Share

(2016-2017)

2.7.3.2 Global Fuda Chitosan Market Share in 2017

2.8 Fengrun

2.8.1 Business Overview

2.8.1.1 Fengrun Description

2.8.1.2 Fengrun Headquarter, Main Business and Finance Overview

2.8.2 Fengrun Chitosan Product Introduction

2.8.2.1 Chitosan Production Bases, Sales Regions and Major Competitors

2.8.2.2 Chitosan Product Information

2.8.3 Fengrun Chitosan Sales, Price, Revenue, Gross Margin and Market Share

(2016-2017)

2.8.3.1 Fengrun Chitosan Sales, Price, Revenue, Gross Margin and Market Share

(2016-2017)

2.8.3.2 Global Fengrun Chitosan Market Share in 2017

2.9 Golden Shell

2.9.1 Business Overview

2.9.1.1 Golden Shell Description

2.9.1.2 Golden Shell Headquarter, Main Business and Finance Overview

2.9.2 Golden Shell Chitosan Product Introduction

2.9.2.1 Chitosan Production Bases, Sales Regions and Major Competitors

2.9.2.2 Chitosan Product Information

2.9.3 Golden Shell Chitosan Sales, Price, Revenue, Gross Margin and Market Share

(2016-2017)

2.9.3.1 Golden Shell Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.2 Global Golden Shell Chitosan Market Share in 2017

2.10 Huashan

2.10.1 Business Overview

2.10.1.1 Huashan Description

2.10.1.2 Huashan Headquarter, Main Business and Finance Overview

2.10.2 Huashan Chitosan Product Introduction

2.10.2.1 Chitosan Production Bases, Sales Regions and Major Competitors

2.10.2.2 Chitosan Product Information

2.10.3 Huashan Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.1 Huashan Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.2 Global Huashan Chitosan Market Share in 2017

2.11 Haixin

2.11.1 Business Overview

2.11.2 Haixin Chitosan Product Introduction

2.11.3 Haixin Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.12 Haizhiyuan

2.12.1 Business Overview

2.12.2 Haizhiyuan Chitosan Product Introduction

2.12.3 Haizhiyuan Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.13 Haidebei Marine

2.13.1 Business Overview

2.13.2 Haidebei Marine Chitosan Product Introduction

2.13.3 Haidebei Marine Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.14 Yunzhou

2.14.1 Business Overview

2.14.2 Yunzhou Chitosan Product Introduction

2.14.3 Yunzhou Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.15 Hecreat

2.15.1 Business Overview

2.15.2 Hecreat Chitosan Product Introduction

2.15.3 Hecreat Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL CHITOSAN MARKET COMPETITION, BY MANUFACTURER

- 3.1 Global Chitosan Sales and Market Share by Manufacturer (2016-2017)
- 3.2 Global Chitosan Revenue and Market Share by Manufacturer (2016-2017)
- 3.3 Global Chitosan Price by Manufacturer (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Chitosan Manufacturer Market Share in 2017
 - 3.4.2 Top 5 Chitosan Manufacturer Market Share in 2017
- 3.5 Market Competition Trend

4 GLOBAL CHITOSAN MARKET ANALYSIS BY REGIONS

- 4.1 Global Chitosan Sales, Revenue and Market Share by Regions
 - 4.1.1 Global Chitosan Sales by Regions (2013-2018)
 - 4.1.2 Global Chitosan Revenue by Regions (2013-2018)
- 4.2 North America Chitosan Sales, Revenue and Growth Rate (2013-2018)
- 4.3 Europe Chitosan Sales, Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Chitosan Sales, Revenue and Growth Rate (2013-2018)
- 4.5 South America Chitosan Sales, Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Chitosan Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA CHITOSAN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 5.1 North America Chitosan Sales, Revenue and Market Share by Countries
 - 5.1.1 North America Chitosan Sales by Countries (2013-2018)
 - 5.1.2 North America Chitosan Revenue by Countries (2013-2018)
 - 5.1.3 United States Chitosan Sales and Growth Rate (2013-2018)
 - 5.1.4 Canada Chitosan Sales and Growth Rate (2013-2018)
 - 5.1.5 Mexico Chitosan Sales and Growth Rate (2013-2018)
- 5.2 North America Chitosan Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 5.2.1 North America Chitosan Sales by Manufacturers (2016-2017)
 - 5.2.2 North America Chitosan Revenue by Manufacturers (2016-2017)
- 5.3 North America Chitosan Sales, Revenue and Market Share by Type (2013-2018)
 - 5.3.1 North America Chitosan Sales and Sales Share by Type (2013-2018)
 - 5.3.2 North America Chitosan Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America Chitosan Sales, Revenue and Market Share by Application (2013-2018)
 - 5.4.1 North America Chitosan Sales and Sales Share by Application (2013-2018)

5.4.2 North America Chitosan Revenue and Revenue Share by Application (2013-2018)

6 EUROPE CHITOSAN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

6.1 Europe Chitosan Sales, Revenue and Market Share by Countries

6.1.1 Europe Chitosan Sales by Countries (2013-2018)

6.1.2 Europe Chitosan Revenue by Countries (2013-2018)

6.1.3 Germany Chitosan Sales and Growth Rate (2013-2018)

6.1.4 UK Chitosan Sales and Growth Rate (2013-2018)

6.1.5 France Chitosan Sales and Growth Rate (2013-2018)

6.1.6 Russia Chitosan Sales and Growth Rate (2013-2018)

6.1.7 Italy Chitosan Sales and Growth Rate (2013-2018)

6.2 Europe Chitosan Sales and Revenue (Value) by Manufacturers (2016-2017)

6.2.1 Europe Chitosan Sales by Manufacturers (2016-2017)

6.2.2 Europe Chitosan Revenue by Manufacturers (2016-2017)

6.3 Europe Chitosan Sales, Revenue and Market Share by Type (2013-2018)

6.3.1 Europe Chitosan Sales and Sales Share by Type (2013-2018)

6.3.2 Europe Chitosan Revenue and Revenue Share by Type (2013-2018)

6.4 Europe Chitosan Sales, Revenue and Market Share by Application (2013-2018)

6.4.1 Europe Chitosan Sales and Sales Share by Application (2013-2018)

6.4.2 Europe Chitosan Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC CHITOSAN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

7.1 Asia-Pacific Chitosan Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific Chitosan Sales by Countries (2013-2018)

7.1.2 Asia-Pacific Chitosan Revenue by Countries (2013-2018)

7.1.3 China Chitosan Sales and Growth Rate (2013-2018)

7.1.4 Japan Chitosan Sales and Growth Rate (2013-2018)

7.1.5 Korea Chitosan Sales and Growth Rate (2013-2018)

7.1.6 India Chitosan Sales and Growth Rate (2013-2018)

7.1.7 Southeast Asia Chitosan Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific Chitosan Sales and Revenue (Value) by Manufacturers (2016-2017)

7.2.1 Asia-Pacific Chitosan Sales by Manufacturers (2016-2017)

7.2.2 Asia-Pacific Chitosan Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific Chitosan Sales, Revenue and Market Share by Type (2013-2018)

- 7.3.1 Asia-Pacific Chitosan Sales and Sales Share by Type (2013-2018)
- 7.3.2 Asia-Pacific Chitosan Revenue and Revenue Share by Type (2013-2018)
- 7.4 Asia-Pacific Chitosan Sales, Revenue and Market Share by Application (2013-2018)
 - 7.4.1 Asia-Pacific Chitosan Sales and Sales Share by Application (2013-2018)
 - 7.4.2 Asia-Pacific Chitosan Revenue and Revenue Share by Application (2013-2018)

8 SOUTH AMERICA CHITOSAN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 8.1 South America Chitosan Sales, Revenue and Market Share by Countries
 - 8.1.1 South America Chitosan Sales by Countries (2013-2018)
 - 8.1.2 South America Chitosan Revenue by Countries (2013-2018)
 - 8.1.3 Brazil Chitosan Sales and Growth Rate (2013-2018)
 - 8.1.4 Argentina Chitosan Sales and Growth Rate (2013-2018)
 - 8.1.5 Colombia Chitosan Sales and Growth Rate (2013-2018)
- 8.2 South America Chitosan Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 8.2.1 South America Chitosan Sales by Manufacturers (2016-2017)
 - 8.2.2 South America Chitosan Revenue by Manufacturers (2016-2017)
- 8.3 South America Chitosan Sales, Revenue and Market Share by Type (2013-2018)
 - 8.3.1 South America Chitosan Sales and Sales Share by Type (2013-2018)
 - 8.3.2 South America Chitosan Revenue and Revenue Share by Type (2013-2018)
- 8.4 South America Chitosan Sales, Revenue and Market Share by Application (2013-2018)
 - 8.4.1 South America Chitosan Sales and Sales Share by Application (2013-2018)
 - 8.4.2 South America Chitosan Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA CHITOSAN BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Middle East and Africa Chitosan Sales, Revenue and Market Share by Countries
 - 9.1.1 Middle East and Africa Chitosan Sales by Countries (2013-2018)
 - 9.1.2 Middle East and Africa Chitosan Revenue by Countries (2013-2018)
 - 9.1.3 Saudi Arabia Chitosan Sales and Growth Rate (2013-2018)
 - 9.1.4 UAE Chitosan Sales and Growth Rate (2013-2018)
 - 9.1.5 Egypt Chitosan Sales and Growth Rate (2013-2018)
 - 9.1.6 Nigeria Chitosan Sales and Growth Rate (2013-2018)
 - 9.1.7 South Africa Chitosan Sales and Growth Rate (2013-2018)
- 9.2 Middle East and Africa Chitosan Sales and Revenue (Value) by Manufacturers

(2016-2017)

9.2.1 Middle East and Africa Chitosan Sales by Manufacturers (2016-2017)

9.2.2 Middle East and Africa Chitosan Revenue by Manufacturers (2016-2017)

9.3 Middle East and Africa Chitosan Sales, Revenue and Market Share by Type

(2013-2018)

9.3.1 Middle East and Africa Chitosan Sales and Sales Share by Type (2013-2018)

9.3.1 Middle East and Africa Chitosan Revenue and Revenue Share by Type

(2013-2018)

9.4 Middle East and Africa Chitosan Sales, Revenue and Market Share by Application

(2013-2018)

9.4.1 Middle East and Africa Chitosan Sales and Sales Share by Application

(2013-2018)

9.4.2 Middle East and Africa Chitosan Revenue and Revenue Share by Application

(2013-2018)

10 GLOBAL CHITOSAN MARKET SEGMENT BY TYPE

10.1 Global Chitosan Sales, Revenue and Market Share by Type (2013-2018)

10.1.1 Global Chitosan Sales and Market Share by Type (2013-2018)

10.1.2 Global Chitosan Revenue and Market Share by Type (2013-2018)

10.2 Industrial Grade Sales Growth and Price

10.2.1 Global Industrial Grade Sales Growth (2013-2018)

10.2.2 Global Industrial Grade Price (2013-2018)

10.3 Food Grade Sales Growth and Price

10.3.1 Global Food Grade Sales Growth (2013-2018)

10.3.2 Global Food Grade Price (2013-2018)

10.4 Pharmaceutical Grade Sales Growth and Price

10.4.1 Global Pharmaceutical Grade Sales Growth (2013-2018)

10.4.2 Global Pharmaceutical Grade Price (2013-2018)

10.5 Others Sales Growth and Price

10.5.1 Global Others Sales Growth (2013-2018)

10.5.2 Global Others Price (2013-2018)

11 GLOBAL CHITOSAN MARKET SEGMENT BY APPLICATION

11.1 Global Chitosan Sales Market Share by Application (2013-2018)

11.2 Water and Waste Treatment Sales Growth (2013-2018)

11.3 Agriculture and Agrochemicals Sales Growth (2013-2018)

11.4 Cosmetics and Toiletries Sales Growth (2013-2018)

11.5 Healthcare and Medical Sales Growth (2013-2018)

11.6 Food and Beverages Sales Growth (2013-2018)

11.7 Others Sales Growth (2013-2018)

12 CHITOSAN MARKET FORECAST (2018-2023)

12.1 Global Chitosan Sales, Revenue and Growth Rate (2018-2023)

12.2 Chitosan Market Forecast by Regions (2018-2023)

12.2.1 North America Chitosan Market Forecast (2018-2023)

12.2.2 Europe Chitosan Market Forecast (2018-2023)

12.2.3 Asia-Pacific Chitosan Market Forecast (2018-2023)

12.2.4 South America Chitosan Market Forecast (2018-2023)

12.2.5 Middle East and Africa Chitosan Market Forecast (2018-2023)

12.3 Chitosan Market Forecast by Type (2018-2023)

12.3.1 Global Chitosan Sales Forecast by Type (2018-2023)

12.3.2 Global Chitosan Market Share Forecast by Type (2018-2023)

12.4 Chitosan Market Forecast by Application (2018-2023)

12.4.1 Global Chitosan Sales Forecast by Application (2018-2023)

12.4.2 Global Chitosan Market Share Forecast by Application (2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Chitosan Picture
Table Product Specifications of Chitosan
Figure Global Chitosan CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)
Figure Global Chitosan CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)
Figure Global Sales Market Share of Chitosan by Types in 2017
Figure Industrial Grade Picture
Table Major Manufacturers of Industrial Grade
Figure Food Grade Picture
Table Major Manufacturers of Food Grade
Figure Pharmaceutical Grade Picture
Table Major Manufacturers of Pharmaceutical Grade
Figure Others Picture
Table Major Manufacturers of Others
Figure Chitosan Sales Market Share by Applications in 2017
Figure Water and Waste Treatment Picture
Figure Agriculture and Agrochemicals Picture
Figure Cosmetics and Toiletries Picture
Figure Healthcare and Medical Picture
Figure Food and Beverages Picture
Figure Others Picture
Figure United States Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure Canada Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure Mexico Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure Germany Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure France Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure UK Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure Russia Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure Italy Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure China Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure Japan Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure Korea Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure India Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure Southeast Asia Chitosan Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure Egypt Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure Saudi Arabia Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure South Africa Chitosan Revenue (Value) and Growth Rate (2013-2023)
Figure Nigeria Chitosan Revenue (Value) and Growth Rate (2013-2023)
Table Primex Headquarter, Established, Main Business and Finance Overview (2017)
Table Primex Chitosan Production Bases, Sales Regions and Major Competitors
Table Primex Chitosan Product
Table Primex Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global Primex Chitosan Sales Market Share in 2017
Figure Global Primex Chitosan Revenue Market Share in 2017
Table Agratech Headquarter, Established, Main Business and Finance Overview (2017)
Table Agratech Chitosan Production Bases, Sales Regions and Major Competitors
Table Agratech Chitosan Product
Table Agratech Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global Agratech Chitosan Sales Market Share in 2017
Figure Global Agratech Chitosan Revenue Market Share in 2017
Table ADVANCED BIOPOLYMERS Headquarter, Established, Main Business and Finance Overview (2017)
Table ADVANCED BIOPOLYMERS Chitosan Production Bases, Sales Regions and Major Competitors
Table ADVANCED BIOPOLYMERS Chitosan Product
Table ADVANCED BIOPOLYMERS Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global ADVANCED BIOPOLYMERS Chitosan Sales Market Share in 2017
Figure Global ADVANCED BIOPOLYMERS Chitosan Revenue Market Share in 2017
Table Novamatrix Headquarter, Established, Main Business and Finance Overview (2017)
Table Novamatrix Chitosan Production Bases, Sales Regions and Major Competitors
Table Novamatrix Chitosan Product
Table Novamatrix Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global Novamatrix Chitosan Sales Market Share in 2017
Figure Global Novamatrix Chitosan Revenue Market Share in 2017
Table Dainichiseika Color & Chemicals Headquarter, Established, Main Business and Finance Overview (2017)
Table Dainichiseika Color & Chemicals Chitosan Production Bases, Sales Regions and

Major Competitors

Table Dainichiseika Color & Chemicals Chitosan Product

Table Dainichiseika Color & Chemicals Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Dainichiseika Color & Chemicals Chitosan Sales Market Share in 2017

Figure Global Dainichiseika Color & Chemicals Chitosan Revenue Market Share in 2017

Table Bioline Headquarter, Established, Main Business and Finance Overview (2017)

Table Bioline Chitosan Production Bases, Sales Regions and Major Competitors

Table Bioline Chitosan Product

Table Bioline Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Bioline Chitosan Sales Market Share in 2017

Figure Global Bioline Chitosan Revenue Market Share in 2017

Table Fuda Headquarter, Established, Main Business and Finance Overview (2017)

Table Fuda Chitosan Production Bases, Sales Regions and Major Competitors

Table Fuda Chitosan Product

Table Fuda Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Fuda Chitosan Sales Market Share in 2017

Figure Global Fuda Chitosan Revenue Market Share in 2017

Table Fengrun Headquarter, Established, Main Business and Finance Overview (2017)

Table Fengrun Chitosan Production Bases, Sales Regions and Major Competitors

Table Fengrun Chitosan Product

Table Fengrun Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Fengrun Chitosan Sales Market Share in 2017

Figure Global Fengrun Chitosan Revenue Market Share in 2017

Table Golden Shell Headquarter, Established, Main Business and Finance Overview (2017)

Table Golden Shell Chitosan Production Bases, Sales Regions and Major Competitors

Table Golden Shell Chitosan Product

Table Golden Shell Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Golden Shell Chitosan Sales Market Share in 2017

Figure Global Golden Shell Chitosan Revenue Market Share in 2017

Table Huashan Headquarter, Established, Main Business and Finance Overview (2017)

Table Huashan Chitosan Production Bases, Sales Regions and Major Competitors

Table Huashan Chitosan Product

Table Huashan Chitosan Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Huashan Chitosan Sales Market Share in 2017

Figure Global Huashan Chitosan Revenue Market Share in 2017

Table Haixin

Table Haixin Chitosan

Table Haizhiyuan

Table Haizhiyuan Chitosan

Table Haidebei Marine

Table Haidebei Marine Chitosan

Table Yunzhou

Table Yunzhou Chitosan

Table Hecreat

Table Hecreat Chitosan

Table Global Chitosan Sales by Manufacturer (2016-2017)

Figure Global Chitosan Sales Market Share by Manufacturer in 2016

Figure Global Chitosan Sales Market Share by Manufacturer in 2017

Table Global Chitosan Revenue by Manufacturer (2016-2017)

Figure Global Chitosan Revenue Market Share by Manufacturer in 2016

Figure Global Chitosan Revenue Market Share by Manufacturer in 2017

Table Global Chitosan Price by Manufacturer (2016-2017)

Figure Top 3 Chitosan Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Chitosan Manufacturer (Revenue) Market Share in 2017

Figure Global Chitosan Sales and Growth Rate (2013-2018)

Figure Global Chitosan Revenue and Growth Rate (2013-2018)

Table Global Chitosan Sales by Regions (2013-2018)

Table Global Chitosan Sales Market Share by Regions (2013-2018)

Table Global Chitosan Revenue by Regions (2013-2018)

Figure Global Chitosan Revenue Market Share by Regions in 2013

Figure Global Chitosan Revenue Market Share by Regions in 2017

Figure North America Chitosan Sales and Growth Rate (2013-2018)

Figure North America Chitosan Revenue and Growth Rate (2013-2018)

Figure Europe Chitosan Sales and Growth Rate (2013-2018)

Figure Europe Chitosan Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Chitosan Sales and Growth Rate (2013-2018)

Figure Asia-Pacific Chitosan Revenue and Growth Rate (2013-2018)

Figure South America Chitosan Sales and Growth Rate (2013-2018)

Figure South America Chitosan Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Chitosan Sales and Growth Rate (2013-2018)

Figure Middle East and Africa Chitosan Revenue and Growth Rate (2013-2018)
Figure North America Chitosan Revenue and Growth Rate (2013-2018)
Table North America Chitosan Sales by Countries (2013-2018)
Table North America Chitosan Sales Market Share by Countries (2013-2018)
Figure North America Chitosan Sales Market Share by Countries in 2013
Figure North America Chitosan Sales Market Share by Countries in 2017
Table North America Chitosan Revenue by Countries (2013-2018)
Table North America Chitosan Revenue Market Share by Countries (2013-2018)
Figure North America Chitosan Revenue Market Share by Countries in 2013
Figure North America Chitosan Revenue Market Share by Countries in 2017
Figure United States Chitosan Sales and Growth Rate (2013-2018)
Figure Canada Chitosan Sales and Growth Rate (2013-2018)
Figure Mexico Chitosan Sales and Growth Rate (2013-2018)
Table North America Chitosan Sales by Manufacturer (2016-2017)
Figure North America Chitosan Sales Market Share by Manufacturer in 2016
Figure North America Chitosan Sales Market Share by Manufacturer in 2017
Table North America Chitosan Revenue by Manufacturer (2016-2017)
Figure North America Chitosan Revenue Market Share by Manufacturer in 2016
Figure North America Chitosan Revenue Market Share by Manufacturer in 2017
Table North America Chitosan Sales by Type (2013-2018)
Table North America Chitosan Sales Share by Type (2013-2018)
Table North America Chitosan Revenue by Type (2013-2018)
Table North America Chitosan Revenue Share by Type (2013-2018)
Table North America Chitosan Sales by Application (2013-2018)
Table North America Chitosan Sales Share by Application (2013-2018)
Table North America Chitosan Revenue by Application (2013-2018)
Table North America Chitosan Revenue Share by Application (2013-2018)
Figure Europe Chitosan Revenue and Growth Rate (2013-2018)
Table Europe Chitosan Sales by Countries (2013-2018)
Table Europe Chitosan Sales Market Share by Countries (2013-2018)
Table Europe Chitosan Revenue by Countries (2013-2018)
Figure Europe Chitosan Revenue Market Share by Countries in 2016
Figure Europe Chitosan Revenue Market Share by Countries in 2017
Figure Germany Chitosan Sales and Growth Rate (2013-2018)
Figure UK Chitosan Sales and Growth Rate (2013-2018)
Figure France Chitosan Sales and Growth Rate (2013-2018)
Figure Russia Chitosan Sales and Growth Rate (2013-2018)
Figure Italy Chitosan Sales and Growth Rate (2013-2018)
Table Europe Chitosan Sales by Manufacturer (2016-2017)

Figure Europe Chitosan Sales Market Share by Manufacturer in 2016
Figure Europe Chitosan Sales Market Share by Manufacturer in 2017
Table Europe Chitosan Revenue by Manufacturer (2016-2017)
Figure Europe Chitosan Revenue Market Share by Manufacturer in 2016
Figure Europe Chitosan Revenue Market Share by Manufacturer in 2017
Table Europe Chitosan Sales by Type (2013-2018)
Table Europe Chitosan Sales Share by Type (2013-2018)
Table Europe Chitosan Revenue by Type (2013-2018)
Table Europe Chitosan Revenue Share by Type (2013-2018)
Table Europe Chitosan Sales by Application (2013-2018)
Table Europe Chitosan Sales Share by Application (2013-2018)
Table Europe Chitosan Revenue by Application (2013-2018)
Table Europe Chitosan Revenue Share by Application (2013-2018)
Figure Asia-Pacific Chitosan Revenue and Growth Rate (2013-2018)
Table Asia-Pacific Chitosan Sales by Countries (2013-2018)
Table Asia-Pacific Chitosan Sales Market Share by Countries (2013-2018)
Figure Asia-Pacific Chitosan Sales Market Share by Countries 2017
Table Asia-Pacific Chitosan Revenue by Countries (2013-2018)
Figure Asia-Pacific Chitosan Revenue Market Share by Countries 2017
Figure China Chitosan Sales and Growth Rate (2013-2018)
Figure Japan Chitosan Sales and Growth Rate (2013-2018)
Figure Korea Chitosan Sales and Growth Rate (2013-2018)
Figure India Chitosan Sales and Growth Rate (2013-2018)
Figure Southeast Asia Chitosan Sales and Growth Rate (2013-2018)
Table Asia-Pacific Chitosan Sales by Manufacturer (2016-2017)
Figure Asia-Pacific Chitosan Sales Market Share by Manufacturer in 2016
Figure Asia-Pacific Chitosan Sales Market Share by Manufacturer in 2017
Table Asia-Pacific Chitosan Revenue by Manufacturer (2016-2017)
Figure Asia-Pacific Chitosan Revenue Market Share by Manufacturer in 2016
Figure Asia-Pacific Chitosan Revenue Market Share by Manufacturer in 2017
Table Asia-Pacific Chitosan Sales by Type (2013-2018)
Table Asia-Pacific Chitosan Sales Share by Type (2013-2018)
Table Asia-Pacific Chitosan Revenue by Type (2013-2018)
Table Asia-Pacific Chitosan Revenue Share by Type (2013-2018)
Table Asia-Pacific Chitosan Sales by Application (2013-2018)
Table Asia-Pacific Chitosan Sales Share by Application (2013-2018)
Table Asia-Pacific Chitosan Revenue by Application (2013-2018)
Table Asia-Pacific Chitosan Revenue Share by Application (2013-2018)
Figure South America Chitosan Revenue and Growth Rate (2013-2018)

Table South America Chitosan Sales by Countries (2013-2018)
Table South America Chitosan Sales Market Share by Countries (2013-2018)
Figure South America Chitosan Sales Market Share by Countries in 2017
Table South America Chitosan Revenue by Countries (2013-2018)
Table South America Chitosan Revenue Market Share by Countries (2013-2018)
Figure South America Chitosan Revenue Market Share by Countries in 2017
Figure Brazil Chitosan Sales and Growth Rate (2013-2018)
Figure Argentina Chitosan Sales and Growth Rate (2013-2018)
Figure Colombia Chitosan Sales and Growth Rate (2013-2018)
Table South America Chitosan Sales by Manufacturer (2016-2017)
Figure South America Chitosan Sales Market Share by Manufacturer in 2016
Figure South America Chitosan Sales Market Share by Manufacturer in 2017
Table South America Chitosan Revenue by Manufacturer (2016-2017)
Figure South America Chitosan Revenue Market Share by Manufacturer in 2016
Figure South America Chitosan Revenue Market Share by Manufacturer in 2017
Table South America Chitosan Sales by Type (2013-2018)
Table South America Chitosan Sales Share by Type (2013-2018)
Table South America Chitosan Revenue by Type (2013-2018)
Table South America Chitosan Revenue Share by Type (2013-2018)
Table South America Chitosan Sales by Application (2013-2018)
Table South America Chitosan Sales Share by Application (2013-2018)
Table South America Chitosan Revenue by Application (2013-2018)
Table South America Chitosan Revenue Share by Application (2013-2018)
Figure Middle East and Africa Chitosan Revenue and Growth Rate (2013-2018)
Table Middle East and Africa Chitosan Sales by Countries (2013-2018)
Table Middle East and Africa Chitosan Sales Market Share by Countries (2013-2018)
Figure Middle East and Africa Chitosan Sales Market Share by Countries in 2017
Table Middle East and Africa Chitosan Revenue by Countries (2013-2018)
Table Middle East and Africa Chitosan Revenue Market Share by Countries (2013-2018)
Figure Middle East and Africa Chitosan Revenue Market Share by Countries in 2013
Figure Middle East and Africa Chitosan Revenue Market Share by Countries in 2017
Figure Saudi Arabia Chitosan Sales and Growth Rate (2013-2018)
Figure UAE Chitosan Sales and Growth Rate (2013-2018)
Figure Egypt Chitosan Sales and Growth Rate (2013-2018)
Figure Nigeria Chitosan Sales and Growth Rate (2013-2018)
Figure South Africa Chitosan Sales and Growth Rate (2013-2018)
Table Middle East and Africa Chitosan Sales by Manufacturer (2016-2017)
Figure Middle East and Africa Chitosan Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Chitosan Sales Market Share by Manufacturer in 2017
Table Middle East and Africa Chitosan Revenue by Manufacturer (2016-2017)
Figure Middle East and Africa Chitosan Revenue Market Share by Manufacturer in 2016
Figure Middle East and Africa Chitosan Revenue Market Share by Manufacturer in 2017
Table Middle East and Africa Chitosan Sales by Type (2013-2018)
Table Middle East and Africa Chitosan Sales Share by Type (2013-2018)
Table Middle East and Africa Chitosan Revenue by Type (2013-2018)
Table Middle East and Africa Chitosan Revenue Share by Type (2013-2018)
Table Middle East and Africa Chitosan Sales by Application (2013-2018)
Table Middle East and Africa Chitosan Sales Share by Application (2013-2018)
Table Middle East and Africa Chitosan Revenue by Application (2013-2018)
Table Middle East and Africa Chitosan Revenue Share by Application (2013-2018)
Table Global Chitosan Sales by Type (2013-2018)
Table Global Chitosan Sales Share by Type (2013-2018)
Table Global Chitosan Revenue by Type (2013-2018)
Table Global Chitosan Revenue Share by Type (2013-2018)
Figure Global Industrial Grade Sales Growth (2013-2018)
Figure Global Industrial Grade Price (2013-2018)
Figure Global Food Grade Sales Growth (2013-2018)
Figure Global Food Grade Price (2013-2018)
Figure Global Pharmaceutical Grade Sales Growth (2013-2018)
Figure Global Pharmaceutical Grade Price (2013-2018)
Figure Global Others Sales Growth (2013-2018)
Figure Global Others Price (2013-2018)
Table Global Chitosan Sales by Application (2013-2018)
Table Global Chitosan Sales Share by Application (2013-2018)
Figure Global Water and Waste Treatment Sales Growth (2013-2018)
Figure Global Agriculture and Agrochemicals Sales Growth (2013-2018)
Figure Global Cosmetics and Toiletries Sales Growth (2013-2018)
Figure Global Healthcare and Medical Sales Growth (2013-2018)
Figure Global Food and Beverages Sales Growth (2013-2018)
Figure Global Others Sales Growth (2013-2018)
Figure Global Chitosan Sales, Revenue and Growth Rate (2018-2023)
Table Global Chitosan Sales Forecast by Regions (2018-2023)
Table Global Chitosan Market Share Forecast by Regions (2018-2023)
Figure North America Sales Chitosan Market Forecast (2018-2023)
Figure Europe Sales Chitosan Market Forecast (2018-2023)
Figure Asia-Pacific Sales Chitosan Market Forecast (2018-2023)
Figure South America Sales Chitosan Market Forecast (2018-2023)

Figure Middle East and Africa Sales Chitosan Market Forecast (2018-2023)

Table Global Chitosan Sales Forecast by Type (2018-2023)

Table Global Chitosan Market Share Forecast by Type (2018-2023)

Table Global Chitosan Sales Forecast by Application (2018-2023)

Table Global Chitosan Market Share Forecast by Application (2018-2023)

Table Distributors/Traders/ Dealers List

I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)
Chitosan Market 2018, Forecast to 2023

Product link: <https://marketpublishers.com/r/G3057F38C44EN.html>

Price: US\$ 4,880.00 (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/G3057F38C44EN.html>