

# Global Starch-based Ethanol Sales Market Report 2017

https://marketpublishers.com/r/G32CA1C2079EN.html

Date: July 2017 Pages: 112 Price: US\$ 4,000.00 (Single User License) ID: G32CA1C2079EN

### Abstracts

In this report, the global Starch-based Ethanol market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report split global into several key Regions, with sales (K MT), revenue (Million USD), market share and growth rate of Starch-based Ethanol for these regions, from 2012 to 2022 (forecast), covering

United States China Europe Japan Southeast Asia India

Global Starch-based Ethanol market competition by top manufacturers/players, with Starch-based Ethanol sales volume, Price (USD/MT), revenue (Million USD) and market share for each manufacturer/player; the top players including

Novozymes



DuPont USA

Schaumann Bioenergy

Enzyme Development Corporation

Montana Microbial Products

Enzyme Supplies Ltd.

**Noor Creations** 

Enzyme Solutions Inc.

Royal DSM

Specialty Enzymes & Biotechnologies Co.

Jiangsu Boli Bioproducts Co. Ltd,

Verenium Corporation

On the basis of product, this report displays the sales volume (K MT), revenue (Million USD), product price (USD/MT), market share and growth rate of each type, primarily split into

Liquefaction

Process Enhancement

Saccharification

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate of Starch-based Ethanol for each application, including



Transportation

**Power Generation** 

**Chemical Industry** 

Others

If you have any special requirements, please let us know and we will offer you the report as you want.



## Contents

Global Starch-based Ethanol Sales Market Report 2017

#### 1 STARCH-BASED ETHANOL MARKET OVERVIEW

1.1 Product Overview and Scope of Starch-based Ethanol

1.2 Classification of Starch-based Ethanol by Product Category

1.2.1 Global Starch-based Ethanol Market Size (Sales) Comparison by Type (2012-2022)

1.2.2 Global Starch-based Ethanol Market Size (Sales) Market Share by Type (Product Category) in 2016

- 1.2.3 Liquefaction
- 1.2.4 Process Enhancement
- 1.2.5 Saccharification
- 1.3 Global Starch-based Ethanol Market by Application/End Users

1.3.1 Global Starch-based Ethanol Sales (Volume) and Market Share Comparison by Application (2012-2022)

- 1.3.2 Transportation
- 1.3.3 Power Generation
- 1.3.4 Chemical Industry
- 1.3.5 Others

1.4 Global Starch-based Ethanol Market by Region

1.4.1 Global Starch-based Ethanol Market Size (Value) Comparison by Region (2012-2022)

- 1.4.2 United States Starch-based Ethanol Status and Prospect (2012-2022)
- 1.4.3 China Starch-based Ethanol Status and Prospect (2012-2022)
- 1.4.4 Europe Starch-based Ethanol Status and Prospect (2012-2022)
- 1.4.5 Japan Starch-based Ethanol Status and Prospect (2012-2022)
- 1.4.6 Southeast Asia Starch-based Ethanol Status and Prospect (2012-2022)
- 1.4.7 India Starch-based Ethanol Status and Prospect (2012-2022)
- 1.5 Global Market Size (Value and Volume) of Starch-based Ethanol (2012-2022)
- 1.5.1 Global Starch-based Ethanol Sales and Growth Rate (2012-2022)
- 1.5.2 Global Starch-based Ethanol Revenue and Growth Rate (2012-2022)

#### 2 GLOBAL STARCH-BASED ETHANOL COMPETITION BY PLAYERS/SUPPLIERS, TYPE AND APPLICATION

2.1 Global Starch-based Ethanol Market Competition by Players/Suppliers



2.1.1 Global Starch-based Ethanol Sales and Market Share of Key Players/Suppliers (2012-2017)

2.1.2 Global Starch-based Ethanol Revenue and Share by Players/Suppliers (2012-2017)

2.2 Global Starch-based Ethanol (Volume and Value) by Type

2.2.1 Global Starch-based Ethanol Sales and Market Share by Type (2012-2017)

2.2.2 Global Starch-based Ethanol Revenue and Market Share by Type (2012-2017)

- 2.3 Global Starch-based Ethanol (Volume and Value) by Region
- 2.3.1 Global Starch-based Ethanol Sales and Market Share by Region (2012-2017)
- 2.3.2 Global Starch-based Ethanol Revenue and Market Share by Region (2012-2017)

2.4 Global Starch-based Ethanol (Volume) by Application

# 3 UNITED STATES STARCH-BASED ETHANOL (VOLUME, VALUE AND SALES PRICE)

3.1 United States Starch-based Ethanol Sales and Value (2012-2017)

- 3.1.1 United States Starch-based Ethanol Sales and Growth Rate (2012-2017)
- 3.1.2 United States Starch-based Ethanol Revenue and Growth Rate (2012-2017)
- 3.1.3 United States Starch-based Ethanol Sales Price Trend (2012-2017)
- 3.2 United States Starch-based Ethanol Sales Volume and Market Share by Players
- 3.3 United States Starch-based Ethanol Sales Volume and Market Share by Type
- 3.4 United States Starch-based Ethanol Sales Volume and Market Share by Application

#### 4 CHINA STARCH-BASED ETHANOL (VOLUME, VALUE AND SALES PRICE)

- 4.1 China Starch-based Ethanol Sales and Value (2012-2017)
- 4.1.1 China Starch-based Ethanol Sales and Growth Rate (2012-2017)
- 4.1.2 China Starch-based Ethanol Revenue and Growth Rate (2012-2017)
- 4.1.3 China Starch-based Ethanol Sales Price Trend (2012-2017)
- 4.2 China Starch-based Ethanol Sales Volume and Market Share by Players
- 4.3 China Starch-based Ethanol Sales Volume and Market Share by Type
- 4.4 China Starch-based Ethanol Sales Volume and Market Share by Application

#### 5 EUROPE STARCH-BASED ETHANOL (VOLUME, VALUE AND SALES PRICE)

5.1 Europe Starch-based Ethanol Sales and Value (2012-2017)

- 5.1.1 Europe Starch-based Ethanol Sales and Growth Rate (2012-2017)
- 5.1.2 Europe Starch-based Ethanol Revenue and Growth Rate (2012-2017)
- 5.1.3 Europe Starch-based Ethanol Sales Price Trend (2012-2017)



- 5.2 Europe Starch-based Ethanol Sales Volume and Market Share by Players
- 5.3 Europe Starch-based Ethanol Sales Volume and Market Share by Type
- 5.4 Europe Starch-based Ethanol Sales Volume and Market Share by Application

#### 6 JAPAN STARCH-BASED ETHANOL (VOLUME, VALUE AND SALES PRICE)

- 6.1 Japan Starch-based Ethanol Sales and Value (2012-2017)
- 6.1.1 Japan Starch-based Ethanol Sales and Growth Rate (2012-2017)
- 6.1.2 Japan Starch-based Ethanol Revenue and Growth Rate (2012-2017)
- 6.1.3 Japan Starch-based Ethanol Sales Price Trend (2012-2017)
- 6.2 Japan Starch-based Ethanol Sales Volume and Market Share by Players
- 6.3 Japan Starch-based Ethanol Sales Volume and Market Share by Type
- 6.4 Japan Starch-based Ethanol Sales Volume and Market Share by Application

# 7 SOUTHEAST ASIA STARCH-BASED ETHANOL (VOLUME, VALUE AND SALES PRICE)

7.1 Southeast Asia Starch-based Ethanol Sales and Value (2012-2017)

- 7.1.1 Southeast Asia Starch-based Ethanol Sales and Growth Rate (2012-2017)
- 7.1.2 Southeast Asia Starch-based Ethanol Revenue and Growth Rate (2012-2017)
- 7.1.3 Southeast Asia Starch-based Ethanol Sales Price Trend (2012-2017)
- 7.2 Southeast Asia Starch-based Ethanol Sales Volume and Market Share by Players

7.3 Southeast Asia Starch-based Ethanol Sales Volume and Market Share by Type7.4 Southeast Asia Starch-based Ethanol Sales Volume and Market Share byApplication

#### 8 INDIA STARCH-BASED ETHANOL (VOLUME, VALUE AND SALES PRICE)

8.1 India Starch-based Ethanol Sales and Value (2012-2017)

- 8.1.1 India Starch-based Ethanol Sales and Growth Rate (2012-2017)
- 8.1.2 India Starch-based Ethanol Revenue and Growth Rate (2012-2017)
- 8.1.3 India Starch-based Ethanol Sales Price Trend (2012-2017)
- 8.2 India Starch-based Ethanol Sales Volume and Market Share by Players
- 8.3 India Starch-based Ethanol Sales Volume and Market Share by Type
- 8.4 India Starch-based Ethanol Sales Volume and Market Share by Application

#### 9 GLOBAL STARCH-BASED ETHANOL PLAYERS/SUPPLIERS PROFILES AND SALES DATA



- 9.1 Novozymes
- 9.1.1 Company Basic Information, Manufacturing Base and Competitors
- 9.1.2 Starch-based Ethanol Product Category, Application and Specification
  - 9.1.2.1 Product A
  - 9.1.2.2 Product B

9.1.3 Novozymes Starch-based Ethanol Sales, Revenue, Price and Gross Margin (2012-2017)

- 9.1.4 Main Business/Business Overview
- 9.2 DuPont USA
  - 9.2.1 Company Basic Information, Manufacturing Base and Competitors
- 9.2.2 Starch-based Ethanol Product Category, Application and Specification
- 9.2.2.1 Product A
- 9.2.2.2 Product B

9.2.3 DuPont USA Starch-based Ethanol Sales, Revenue, Price and Gross Margin (2012-2017)

- 9.2.4 Main Business/Business Overview
- 9.3 Schaumann Bioenergy
- 9.3.1 Company Basic Information, Manufacturing Base and Competitors
- 9.3.2 Starch-based Ethanol Product Category, Application and Specification
- 9.3.2.1 Product A
- 9.3.2.2 Product B

9.3.3 Schaumann Bioenergy Starch-based Ethanol Sales, Revenue, Price and Gross Margin (2012-2017)

- 9.3.4 Main Business/Business Overview
- 9.4 Enzyme Development Corporation
  - 9.4.1 Company Basic Information, Manufacturing Base and Competitors

9.4.2 Starch-based Ethanol Product Category, Application and Specification

9.4.2.1 Product A

9.4.2.2 Product B

9.4.3 Enzyme Development Corporation Starch-based Ethanol Sales, Revenue, Price and Gross Margin (2012-2017)

- 9.4.4 Main Business/Business Overview
- 9.5 Montana Microbial Products
  - 9.5.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.5.2 Starch-based Ethanol Product Category, Application and Specification
  - 9.5.2.1 Product A
  - 9.5.2.2 Product B

9.5.3 Montana Microbial Products Starch-based Ethanol Sales, Revenue, Price and Gross Margin (2012-2017)



- 9.5.4 Main Business/Business Overview
- 9.6 Enzyme Supplies Ltd.
- 9.6.1 Company Basic Information, Manufacturing Base and Competitors
- 9.6.2 Starch-based Ethanol Product Category, Application and Specification
- 9.6.2.1 Product A
- 9.6.2.2 Product B

9.6.3 Enzyme Supplies Ltd. Starch-based Ethanol Sales, Revenue, Price and Gross Margin (2012-2017)

- 9.6.4 Main Business/Business Overview
- 9.7 Noor Creations
- 9.7.1 Company Basic Information, Manufacturing Base and Competitors
- 9.7.2 Starch-based Ethanol Product Category, Application and Specification
- 9.7.2.1 Product A
- 9.7.2.2 Product B

9.7.3 Noor Creations Starch-based Ethanol Sales, Revenue, Price and Gross Margin (2012-2017)

- 9.7.4 Main Business/Business Overview
- 9.8 Enzyme Solutions Inc.
- 9.8.1 Company Basic Information, Manufacturing Base and Competitors
- 9.8.2 Starch-based Ethanol Product Category, Application and Specification
  - 9.8.2.1 Product A
  - 9.8.2.2 Product B

9.8.3 Enzyme Solutions Inc. Starch-based Ethanol Sales, Revenue, Price and Gross Margin (2012-2017)

- 9.8.4 Main Business/Business Overview
- 9.9 Royal DSM
  - 9.9.1 Company Basic Information, Manufacturing Base and Competitors

9.9.2 Starch-based Ethanol Product Category, Application and Specification

- 9.9.2.1 Product A
- 9.9.2.2 Product B

9.9.3 Royal DSM Starch-based Ethanol Sales, Revenue, Price and Gross Margin (2012-2017)

- 9.9.4 Main Business/Business Overview
- 9.10 Specialty Enzymes & Biotechnologies Co.
  - 9.10.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.10.2 Starch-based Ethanol Product Category, Application and Specification
  - 9.10.2.1 Product A
  - 9.10.2.2 Product B
  - 9.10.3 Specialty Enzymes & Biotechnologies Co. Starch-based Ethanol Sales,



Revenue, Price and Gross Margin (2012-2017)

- 9.10.4 Main Business/Business Overview
- 9.11 Jiangsu Boli Bioproducts Co. Ltd,
- 9.12 Verenium Corporation

#### **10 STARCH-BASED ETHANOL MAUFACTURING COST ANALYSIS**

- 10.1 Starch-based Ethanol Key Raw Materials Analysis
- 10.1.1 Key Raw Materials
- 10.1.2 Price Trend of Key Raw Materials
- 10.1.3 Key Suppliers of Raw Materials
- 10.1.4 Market Concentration Rate of Raw Materials
- 10.2 Proportion of Manufacturing Cost Structure
  - 10.2.1 Raw Materials
  - 10.2.2 Labor Cost
  - 10.2.3 Manufacturing Process Analysis of Starch-based Ethanol
- 10.3 Manufacturing Process Analysis of Starch-based Ethanol

#### 11 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 11.1 Starch-based Ethanol Industrial Chain Analysis
- 11.2 Upstream Raw Materials Sourcing
- 11.3 Raw Materials Sources of Starch-based Ethanol Major Manufacturers in 2016
- 11.4 Downstream Buyers

#### 12 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 12.1 Marketing Channel
- 12.1.1 Direct Marketing
- 12.1.2 Indirect Marketing
- 12.1.3 Marketing Channel Development Trend
- 12.2 Market Positioning
  - 12.2.1 Pricing Strategy
- 12.2.2 Brand Strategy
- 12.2.3 Target Client
- 12.3 Distributors/Traders List

#### **13 MARKET EFFECT FACTORS ANALYSIS**



- 13.1 Technology Progress/Risk
  - 13.1.1 Substitutes Threat
- 13.1.2 Technology Progress in Related Industry
- 13.2 Consumer Needs/Customer Preference Change
- 13.3 Economic/Political Environmental Change

#### 14 GLOBAL STARCH-BASED ETHANOL MARKET FORECAST (2017-2022)

14.1 Global Starch-based Ethanol Sales Volume, Revenue and Price Forecast (2017-2022)

14.1.1 Global Starch-based Ethanol Sales Volume and Growth Rate Forecast (2017-2022)

- 14.1.2 Global Starch-based Ethanol Revenue and Growth Rate Forecast (2017-2022)
- 14.1.3 Global Starch-based Ethanol Price and Trend Forecast (2017-2022)

14.2 Global Starch-based Ethanol Sales Volume, Revenue and Growth Rate Forecast by Region (2017-2022)

14.2.1 Global Starch-based Ethanol Sales Volume and Growth Rate Forecast by Regions (2017-2022)

14.2.2 Global Starch-based Ethanol Revenue and Growth Rate Forecast by Regions (2017-2022)

14.2.3 United States Starch-based Ethanol Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

14.2.4 China Starch-based Ethanol Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

14.2.5 Europe Starch-based Ethanol Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

14.2.6 Japan Starch-based Ethanol Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

14.2.7 Southeast Asia Starch-based Ethanol Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

14.2.8 India Starch-based Ethanol Sales Volume, Revenue and Growth Rate Forecast (2017-2022)

14.3 Global Starch-based Ethanol Sales Volume, Revenue and Price Forecast by Type (2017-2022)

14.3.1 Global Starch-based Ethanol Sales Forecast by Type (2017-2022)

14.3.2 Global Starch-based Ethanol Revenue Forecast by Type (2017-2022)

14.3.3 Global Starch-based Ethanol Price Forecast by Type (2017-2022)

14.4 Global Starch-based Ethanol Sales Volume Forecast by Application (2017-2022)



#### 15 RESEARCH FINDINGS AND CONCLUSION

#### **16 APPENDIX**

- 16.1 Methodology/Research Approach
  - 16.1.1 Research Programs/Design
  - 16.1.2 Market Size Estimation
  - 16.1.3 Market Breakdown and Data Triangulation

#### 16.2 Data Source

- 16.2.1 Secondary Sources
- 16.2.2 Primary Sources
- 16.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.



## List Of Tables

#### LIST OF TABLES AND FIGURES

Figure Product Picture of Starch-based Ethanol Figure Global Starch-based Ethanol Sales Volume Comparison (K MT) by Type (2012 - 2022)Figure Global Starch-based Ethanol Sales Volume Market Share by Type (Product Category) in 2016 **Figure Liquefaction Product Picture** Figure Process Enhancement Product Picture **Figure Saccharification Product Picture** Figure Global Starch-based Ethanol Sales Comparison (K MT) by Application (2012-2022)Figure Global Sales Market Share of Starch-based Ethanol by Application in 2016 Figure Transportation Examples Table Key Downstream Customer in Transportation **Figure Power Generation Examples** Table Key Downstream Customer in Power Generation Figure Chemical Industry Examples Table Key Downstream Customer in Chemical Industry Figure Others Examples Table Key Downstream Customer in Others Figure Global Starch-based Ethanol Market Size (Million USD) by Regions (2012-2022) Figure United States Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012 - 2022)Figure China Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012 - 2022)Figure Europe Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012 - 2022)Figure Japan Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012 - 2022)Figure Southeast Asia Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012 - 2022)Figure India Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012 - 2022)Figure Global Starch-based Ethanol Sales Volume (K MT) and Growth Rate (2012 - 2022)Figure Global Starch-based Ethanol Revenue (Million USD) and Growth Rate



(2012-2022)

Figure Global Market Major Players Starch-based Ethanol Sales Volume (K MT) (2012 - 2017)Table Global Starch-based Ethanol Sales (K MT) of Key Players/Suppliers (2012-2017) Table Global Starch-based Ethanol Sales Share by Players/Suppliers (2012-2017) Figure 2016 Starch-based Ethanol Sales Share by Players/Suppliers Figure 2017 Starch-based Ethanol Sales Share by Players/Suppliers Figure Global Starch-based Ethanol Revenue (Million USD) by Players/Suppliers (2012 - 2017)Table Global Starch-based Ethanol Revenue (Million USD) by Players/Suppliers (2012 - 2017)Table Global Starch-based Ethanol Revenue Share by Players/Suppliers (2012-2017) Table 2016 Global Starch-based Ethanol Revenue Share by Players Table 2017 Global Starch-based Ethanol Revenue Share by Players Table Global Starch-based Ethanol Sales (K MT) and Market Share by Type (2012 - 2017)Table Global Starch-based Ethanol Sales Share (K MT) by Type (2012-2017) Figure Sales Market Share of Starch-based Ethanol by Type (2012-2017) Figure Global Starch-based Ethanol Sales Growth Rate by Type (2012-2017) Table Global Starch-based Ethanol Revenue (Million USD) and Market Share by Type (2012 - 2017)Table Global Starch-based Ethanol Revenue Share by Type (2012-2017) Figure Revenue Market Share of Starch-based Ethanol by Type (2012-2017) Figure Global Starch-based Ethanol Revenue Growth Rate by Type (2012-2017) Table Global Starch-based Ethanol Sales Volume (K MT) and Market Share by Region (2012 - 2017)Table Global Starch-based Ethanol Sales Share by Region (2012-2017) Figure Sales Market Share of Starch-based Ethanol by Region (2012-2017) Figure Global Starch-based Ethanol Sales Growth Rate by Region in 2016 Table Global Starch-based Ethanol Revenue (Million USD) and Market Share by Region (2012-2017) Table Global Starch-based Ethanol Revenue Share (%) by Region (2012-2017) Figure Revenue Market Share of Starch-based Ethanol by Region (2012-2017) Figure Global Starch-based Ethanol Revenue Growth Rate by Region in 2016 Table Global Starch-based Ethanol Revenue (Million USD) and Market Share by Region (2012-2017) Table Global Starch-based Ethanol Revenue Share (%) by Region (2012-2017)

Table Global Starch-based Ethanol Revenue Share (%) by Region (2012-2017)Figure Revenue Market Share of Starch-based Ethanol by Region (2012-2017)Figure Global Starch-based Ethanol Revenue Market Share by Region in 2016



Table Global Starch-based Ethanol Sales Volume (K MT) and Market Share by Application (2012-2017)

Table Global Starch-based Ethanol Sales Share (%) by Application (2012-2017) Figure Sales Market Share of Starch-based Ethanol by Application (2012-2017) Figure Global Starch-based Ethanol Sales Market Share by Application (2012-2017) Figure United States Starch-based Ethanol Sales (K MT) and Growth Rate (2012-2017) Figure United States Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012-2017)

Figure United States Starch-based Ethanol Sales Price (USD/MT) Trend (2012-2017) Table United States Starch-based Ethanol Sales Volume (K MT) by Players (2012-2017)

Table United States Starch-based Ethanol Sales Volume Market Share by Players (2012-2017)

Figure United States Starch-based Ethanol Sales Volume Market Share by Players in 2016

Table United States Starch-based Ethanol Sales Volume (K MT) by Type (2012-2017) Table United States Starch-based Ethanol Sales Volume Market Share by Type (2012-2017)

Figure United States Starch-based Ethanol Sales Volume Market Share by Type in 2016

Table United States Starch-based Ethanol Sales Volume (K MT) by Application (2012-2017)

Table United States Starch-based Ethanol Sales Volume Market Share by Application (2012-2017)

Figure United States Starch-based Ethanol Sales Volume Market Share by Application in 2016

Figure China Starch-based Ethanol Sales (K MT) and Growth Rate (2012-2017) Figure China Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012-2017)

Figure China Starch-based Ethanol Sales Price (USD/MT) Trend (2012-2017) Table China Starch-based Ethanol Sales Volume (K MT) by Players (2012-2017) Table China Starch-based Ethanol Sales Volume Market Share by Players (2012-2017) Figure China Starch-based Ethanol Sales Volume Market Share by Players in 2016 Table China Starch-based Ethanol Sales Volume (K MT) by Type (2012-2017) Table China Starch-based Ethanol Sales Volume Market Share by Type (2012-2017) Figure China Starch-based Ethanol Sales Volume Market Share by Type in 2016 Table China Starch-based Ethanol Sales Volume Market Share by Type in 2016 Table China Starch-based Ethanol Sales Volume Market Share by Type in 2016 Table China Starch-based Ethanol Sales Volume (K MT) by Application (2012-2017) Table China Starch-based Ethanol Sales Volume Market Share by Application (2012-2017)



Figure China Starch-based Ethanol Sales Volume Market Share by Application in 2016 Figure Europe Starch-based Ethanol Sales (K MT) and Growth Rate (2012-2017) Figure Europe Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012-2017)

Figure Europe Starch-based Ethanol Sales Price (USD/MT) Trend (2012-2017) Table Europe Starch-based Ethanol Sales Volume (K MT) by Players (2012-2017) Table Europe Starch-based Ethanol Sales Volume Market Share by Players (2012-2017)

Figure Europe Starch-based Ethanol Sales Volume Market Share by Players in 2016 Table Europe Starch-based Ethanol Sales Volume (K MT) by Type (2012-2017) Table Europe Starch-based Ethanol Sales Volume Market Share by Type (2012-2017) Figure Europe Starch-based Ethanol Sales Volume Market Share by Type in 2016 Table Europe Starch-based Ethanol Sales Volume (K MT) by Application (2012-2017) Table Europe Starch-based Ethanol Sales Volume Market Share by Application (2012-2017)

Figure Europe Starch-based Ethanol Sales Volume Market Share by Application in 2016

Figure Japan Starch-based Ethanol Sales (K MT) and Growth Rate (2012-2017) Figure Japan Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012-2017)

Figure Japan Starch-based Ethanol Sales Price (USD/MT) Trend (2012-2017) Table Japan Starch-based Ethanol Sales Volume (K MT) by Players (2012-2017) Table Japan Starch-based Ethanol Sales Volume Market Share by Players (2012-2017) Figure Japan Starch-based Ethanol Sales Volume Market Share by Players in 2016 Table Japan Starch-based Ethanol Sales Volume (K MT) by Type (2012-2017) Table Japan Starch-based Ethanol Sales Volume Market Share by Type (2012-2017) Figure Japan Starch-based Ethanol Sales Volume Market Share by Type in 2016 Table Japan Starch-based Ethanol Sales Volume Market Share by Type in 2016 Table Japan Starch-based Ethanol Sales Volume Market Share by Type in 2016 Table Japan Starch-based Ethanol Sales Volume (K MT) by Application (2012-2017) Table Japan Starch-based Ethanol Sales Volume Market Share by Application (2012-2017)

Figure Japan Starch-based Ethanol Sales Volume Market Share by Application in 2016 Figure Southeast Asia Starch-based Ethanol Sales (K MT) and Growth Rate (2012-2017)

Figure Southeast Asia Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012-2017)

Figure Southeast Asia Starch-based Ethanol Sales Price (USD/MT) Trend (2012-2017) Table Southeast Asia Starch-based Ethanol Sales Volume (K MT) by Players (2012-2017)

Table Southeast Asia Starch-based Ethanol Sales Volume Market Share by Players



(2012-2017)

Figure Southeast Asia Starch-based Ethanol Sales Volume Market Share by Players in 2016

Table Southeast Asia Starch-based Ethanol Sales Volume (K MT) by Type (2012-2017) Table Southeast Asia Starch-based Ethanol Sales Volume Market Share by Type (2012-2017)

Figure Southeast Asia Starch-based Ethanol Sales Volume Market Share by Type in 2016

Table Southeast Asia Starch-based Ethanol Sales Volume (K MT) by Application (2012-2017)

Table Southeast Asia Starch-based Ethanol Sales Volume Market Share by Application (2012-2017)

Figure Southeast Asia Starch-based Ethanol Sales Volume Market Share by Application in 2016

Figure India Starch-based Ethanol Sales (K MT) and Growth Rate (2012-2017) Figure India Starch-based Ethanol Revenue (Million USD) and Growth Rate (2012-2017)

Figure India Starch-based Ethanol Sales Price (USD/MT) Trend (2012-2017) Table India Starch-based Ethanol Sales Volume (K MT) by Players (2012-2017) Table India Starch-based Ethanol Sales Volume Market Share by Players (2012-2017) Figure India Starch-based Ethanol Sales Volume Market Share by Players in 2016 Table India Starch-based Ethanol Sales Volume (K MT) by Type (2012-2017) Table India Starch-based Ethanol Sales Volume Market Share by Type (2012-2017) Figure India Starch-based Ethanol Sales Volume Market Share by Type (2012-2017) Figure India Starch-based Ethanol Sales Volume Market Share by Type in 2016 Table India Starch-based Ethanol Sales Volume Market Share by Type in 2016 Table India Starch-based Ethanol Sales Volume (K MT) by Application (2012-2017) Table India Starch-based Ethanol Sales Volume Market Share by Application (2012-2017)

Figure India Starch-based Ethanol Sales Volume Market Share by Application in 2016 Table Novozymes Basic Information List

Table Novozymes Starch-based Ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Novozymes Starch-based Ethanol Sales Growth Rate (2012-2017)

Figure Novozymes Starch-based Ethanol Sales Global Market Share (2012-2017 Figure Novozymes Starch-based Ethanol Revenue Global Market Share (2012-2017) Table DuPont USA Basic Information List

Table DuPont USA Starch-based Ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure DuPont USA Starch-based Ethanol Sales Growth Rate (2012-2017) Figure DuPont USA Starch-based Ethanol Sales Global Market Share (2012-2017)



Figure DuPont USA Starch-based Ethanol Revenue Global Market Share (2012-2017) Table Schaumann Bioenergy Basic Information List

Table Schaumann Bioenergy Starch-based Ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Schaumann Bioenergy Starch-based Ethanol Sales Growth Rate (2012-2017) Figure Schaumann Bioenergy Starch-based Ethanol Sales Global Market Share (2012-2017)

Figure Schaumann Bioenergy Starch-based Ethanol Revenue Global Market Share (2012-2017)

Table Enzyme Development Corporation Basic Information List

Table Enzyme Development Corporation Starch-based Ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Enzyme Development Corporation Starch-based Ethanol Sales Growth Rate (2012-2017)

Figure Enzyme Development Corporation Starch-based Ethanol Sales Global Market Share (2012-2017

Figure Enzyme Development Corporation Starch-based Ethanol Revenue Global Market Share (2012-2017)

Table Montana Microbial Products Basic Information List

Table Montana Microbial Products Starch-based Ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Montana Microbial Products Starch-based Ethanol Sales Growth Rate (2012-2017)

Figure Montana Microbial Products Starch-based Ethanol Sales Global Market Share (2012-2017

Figure Montana Microbial Products Starch-based Ethanol Revenue Global Market Share (2012-2017)

Table Enzyme Supplies Ltd. Basic Information List

Table Enzyme Supplies Ltd. Starch-based Ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Enzyme Supplies Ltd. Starch-based Ethanol Sales Growth Rate (2012-2017) Figure Enzyme Supplies Ltd. Starch-based Ethanol Sales Global Market Share (2012-2017)

Figure Enzyme Supplies Ltd. Starch-based Ethanol Revenue Global Market Share (2012-2017)

Table Noor Creations Basic Information List

Table Noor Creations Starch-based Ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Noor Creations Starch-based Ethanol Sales Growth Rate (2012-2017)



Figure Noor Creations Starch-based Ethanol Sales Global Market Share (2012-2017 Figure Noor Creations Starch-based Ethanol Revenue Global Market Share (2012-2017)

Table Enzyme Solutions Inc. Basic Information List

Table Enzyme Solutions Inc. Starch-based Ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Enzyme Solutions Inc. Starch-based Ethanol Sales Growth Rate (2012-2017) Figure Enzyme Solutions Inc. Starch-based Ethanol Sales Global Market Share (2012-2017)

Figure Enzyme Solutions Inc. Starch-based Ethanol Revenue Global Market Share (2012-2017)

Table Royal DSM Basic Information List

Table Royal DSM Starch-based Ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Royal DSM Starch-based Ethanol Sales Growth Rate (2012-2017)

Figure Royal DSM Starch-based Ethanol Sales Global Market Share (2012-2017

Figure Royal DSM Starch-based Ethanol Revenue Global Market Share (2012-2017)

Table Specialty Enzymes & Biotechnologies Co. Basic Information List

Table Specialty Enzymes & Biotechnologies Co. Starch-based Ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Specialty Enzymes & Biotechnologies Co. Starch-based Ethanol Sales Growth Rate (2012-2017)

Figure Specialty Enzymes & Biotechnologies Co. Starch-based Ethanol Sales Global Market Share (2012-2017

Figure Specialty Enzymes & Biotechnologies Co. Starch-based Ethanol Revenue Global Market Share (2012-2017)

Table Jiangsu Boli Bioproducts Co. Ltd, Basic Information List

Table Verenium Corporation Basic Information List

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Starch-based Ethanol

Figure Manufacturing Process Analysis of Starch-based Ethanol

Figure Starch-based Ethanol Industrial Chain Analysis

Table Raw Materials Sources of Starch-based Ethanol Major Players in 2016

Table Major Buyers of Starch-based Ethanol

Table Distributors/Traders List

Figure Global Starch-based Ethanol Sales Volume (K MT) and Growth Rate Forecast (2017-2022)



Figure Global Starch-based Ethanol Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Global Starch-based Ethanol Price (USD/MT) and Trend Forecast (2017-2022)

Table Global Starch-based Ethanol Sales Volume (K MT) Forecast by Regions (2017-2022)

Figure Global Starch-based Ethanol Sales Volume Market Share Forecast by Regions (2017-2022)

Figure Global Starch-based Ethanol Sales Volume Market Share Forecast by Regions in 2022

Table Global Starch-based Ethanol Revenue (Million USD) Forecast by Regions (2017-2022)

Figure Global Starch-based Ethanol Revenue Market Share Forecast by Regions (2017-2022)

Figure Global Starch-based Ethanol Revenue Market Share Forecast by Regions in 2022

Figure United States Starch-based Ethanol Sales Volume (K MT) and Growth Rate Forecast (2017-2022)

Figure United States Starch-based Ethanol Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure China Starch-based Ethanol Sales Volume (K MT) and Growth Rate Forecast (2017-2022)

Figure China Starch-based Ethanol Revenue and Growth Rate Forecast (2017-2022) Figure Europe Starch-based Ethanol Sales Volume (K MT) and Growth Rate Forecast (2017-2022)

Figure Europe Starch-based Ethanol Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Japan Starch-based Ethanol Sales Volume (K MT) and Growth Rate Forecast (2017-2022)

Figure Japan Starch-based Ethanol Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Southeast Asia Starch-based Ethanol Sales Volume (K MT) and Growth Rate Forecast (2017-2022)

Figure Southeast Asia Starch-based Ethanol Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure India Starch-based Ethanol Sales Volume (K MT) and Growth Rate Forecast (2017-2022)

Figure India Starch-based Ethanol Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Global Starch-based Ethanol Sales (K MT) Forecast by Type (2017-2022)



Figure Global Starch-based Ethanol Sales Volume Market Share Forecast by Type (2017-2022)

Table Global Starch-based Ethanol Revenue (Million USD) Forecast by Type (2017-2022)

Figure Global Starch-based Ethanol Revenue Market Share Forecast by Type (2017-2022)

Table Global Starch-based Ethanol Price (USD/MT) Forecast by Type (2017-2022)

Table Global Starch-based Ethanol Sales (K MT) Forecast by Application (2017-2022)

Figure Global Starch-based Ethanol Sales Market Share Forecast by Application (2017-2022)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources



#### I would like to order

Product name: Global Starch-based Ethanol Sales Market Report 2017 Product link: <u>https://marketpublishers.com/r/G32CA1C2079EN.html</u> Price: US\$ 4,000.00 (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 <u>https://marketpublishers.com/r/G32CA1C2079EN.html</u>

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

Custumer signature \_\_\_\_\_

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

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