

Global Serine Market Research Report 2017

<https://marketpublishers.com/r/G9064197997EN.html>

Date: December 2017

Pages: 104

Price: US\$ 2,900.00 (Single User License)

ID: G9064197997EN

Abstracts

In this report, the global Serine 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 is segmented into several key Regions, with production, consumption, revenue (million USD), market share and growth rate of Serine in these regions, from 2012 to 2022 (forecast), covering

North America

Europe

China

Japan

Southeast Asia

India

Global Serine market competition by top manufacturers, with production, price, revenue (value) and market share for each manufacturer; the top players including

Ajinomoto

Evonik

KYOWA

Mitsui Chemicals

Amino

Wuxi Jinghai Amino Acid

Shijiazhuang Jirong Pharmaceutical

Bafeng Pharmaceutical

Jiahe Biotech

Chuyuan Group

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

L-Serine

D- Serine

DL- Serine

On the basis of the end users/applications, this report focuses on the status and outlook for major applications/end users, consumption (sales), market share and growth rate for each application, including

Pharmaceutical

Food

Feed

Others

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

Contents

Global Serine Market Research Report 2017

1 SERINE MARKET OVERVIEW

- 1.1 Product Overview and Scope of Serine
- 1.2 Serine Segment by Type (Product Category)
 - 1.2.1 Global Serine Production and CAGR (%) Comparison by Type (Product Category)(2012-2022)
 - 1.2.2 Global Serine Production Market Share by Type (Product Category) in 2016
 - 1.2.3 L-Serine
 - 1.2.4 D- Serine
 - 1.2.5 DL- Serine
- 1.3 Global Serine Segment by Application
 - 1.3.1 Serine Consumption (Sales) Comparison by Application (2012-2022)
 - 1.3.2 Pharmaceutical
 - 1.3.3 Food
 - 1.3.4 Feed
 - 1.3.5 Others
- 1.4 Global Serine Market by Region (2012-2022)
 - 1.4.1 Global Serine Market Size (Value) and CAGR (%) Comparison by Region (2012-2022)
 - 1.4.2 North America Status and Prospect (2012-2022)
 - 1.4.3 Europe Status and Prospect (2012-2022)
 - 1.4.4 China Status and Prospect (2012-2022)
 - 1.4.5 Japan Status and Prospect (2012-2022)
 - 1.4.6 Southeast Asia Status and Prospect (2012-2022)
 - 1.4.7 India Status and Prospect (2012-2022)
- 1.5 Global Market Size (Value) of Serine (2012-2022)
 - 1.5.1 Global Serine Revenue Status and Outlook (2012-2022)
 - 1.5.2 Global Serine Capacity, Production Status and Outlook (2012-2022)

2 GLOBAL SERINE MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Serine Capacity, Production and Share by Manufacturers (2012-2017)
 - 2.1.1 Global Serine Capacity and Share by Manufacturers (2012-2017)
 - 2.1.2 Global Serine Production and Share by Manufacturers (2012-2017)
- 2.2 Global Serine Revenue and Share by Manufacturers (2012-2017)

- 2.3 Global Serine Average Price by Manufacturers (2012-2017)
- 2.4 Manufacturers Serine Manufacturing Base Distribution, Sales Area and Product Type
- 2.5 Serine Market Competitive Situation and Trends
 - 2.5.1 Serine Market Concentration Rate
 - 2.5.2 Serine Market Share of Top 3 and Top 5 Manufacturers
 - 2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL SERINE CAPACITY, PRODUCTION, REVENUE (VALUE) BY REGION (2012-2017)

- 3.1 Global Serine Capacity and Market Share by Region (2012-2017)
- 3.2 Global Serine Production and Market Share by Region (2012-2017)
- 3.3 Global Serine Revenue (Value) and Market Share by Region (2012-2017)
- 3.4 Global Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.5 North America Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.6 Europe Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.7 China Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.8 Japan Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.9 Southeast Asia Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.10 India Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

4 GLOBAL SERINE SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGION (2012-2017)

- 4.1 Global Serine Consumption by Region (2012-2017)
- 4.2 North America Serine Production, Consumption, Export, Import (2012-2017)
- 4.3 Europe Serine Production, Consumption, Export, Import (2012-2017)
- 4.4 China Serine Production, Consumption, Export, Import (2012-2017)
- 4.5 Japan Serine Production, Consumption, Export, Import (2012-2017)
- 4.6 Southeast Asia Serine Production, Consumption, Export, Import (2012-2017)
- 4.7 India Serine Production, Consumption, Export, Import (2012-2017)

5 GLOBAL SERINE PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE

- 5.1 Global Serine Production and Market Share by Type (2012-2017)
- 5.2 Global Serine Revenue and Market Share by Type (2012-2017)

5.3 Global Serine Price by Type (2012-2017)

5.4 Global Serine Production Growth by Type (2012-2017)

6 GLOBAL SERINE MARKET ANALYSIS BY APPLICATION

6.1 Global Serine Consumption and Market Share by Application (2012-2017)

6.2 Global Serine Consumption Growth Rate by Application (2012-2017)

6.3 Market Drivers and Opportunities

6.3.1 Potential Applications

6.3.2 Emerging Markets/Countries

7 GLOBAL SERINE MANUFACTURERS PROFILES/ANALYSIS

7.1 Ajinomoto

7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.1.2 Serine Product Category, Application and Specification

7.1.2.1 Product A

7.1.2.2 Product B

7.1.3 Ajinomoto Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.1.4 Main Business/Business Overview

7.2 Evonik

7.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.2.2 Serine Product Category, Application and Specification

7.2.2.1 Product A

7.2.2.2 Product B

7.2.3 Evonik Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.2.4 Main Business/Business Overview

7.3 KYOWA

7.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.3.2 Serine Product Category, Application and Specification

7.3.2.1 Product A

7.3.2.2 Product B

7.3.3 KYOWA Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

- 7.3.4 Main Business/Business Overview
- 7.4 Mitsui Chemicals
 - 7.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 7.4.2 Serine Product Category, Application and Specification
 - 7.4.2.1 Product A
 - 7.4.2.2 Product B
 - 7.4.3 Mitsui Chemicals Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
 - 7.4.4 Main Business/Business Overview
- 7.5 Amino
 - 7.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 7.5.2 Serine Product Category, Application and Specification
 - 7.5.2.1 Product A
 - 7.5.2.2 Product B
 - 7.5.3 Amino Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
 - 7.5.4 Main Business/Business Overview
- 7.6 Wuxi Jinghai Amino Acid
 - 7.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 7.6.2 Serine Product Category, Application and Specification
 - 7.6.2.1 Product A
 - 7.6.2.2 Product B
 - 7.6.3 Wuxi Jinghai Amino Acid Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
 - 7.6.4 Main Business/Business Overview
- 7.7 Shijiazhuang Jirong Pharmaceutical
 - 7.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 7.7.2 Serine Product Category, Application and Specification
 - 7.7.2.1 Product A
 - 7.7.2.2 Product B
 - 7.7.3 Shijiazhuang Jirong Pharmaceutical Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
 - 7.7.4 Main Business/Business Overview
- 7.8 Bafeng Pharmaceutical
 - 7.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

7.8.2 Serine Product Category, Application and Specification

7.8.2.1 Product A

7.8.2.2 Product B

7.8.3 Bafeng Pharmaceutical Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.8.4 Main Business/Business Overview

7.9 Jiahe Biotech

7.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

7.9.2 Serine Product Category, Application and Specification

7.9.2.1 Product A

7.9.2.2 Product B

7.9.3 Jiahe Biotech Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.9.4 Main Business/Business Overview

7.10 Chuyuan Group

7.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

7.10.2 Serine Product Category, Application and Specification

7.10.2.1 Product A

7.10.2.2 Product B

7.10.3 Chuyuan Group Serine Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.10.4 Main Business/Business Overview

8 SERINE MANUFACTURING COST ANALYSIS

8.1 Serine Key Raw Materials Analysis

8.1.1 Key Raw Materials

8.1.2 Price Trend of Key Raw Materials

8.1.3 Key Suppliers of Raw Materials

8.1.4 Market Concentration Rate of Raw Materials

8.2 Proportion of Manufacturing Cost Structure

8.2.1 Raw Materials

8.2.2 Labor Cost

8.2.3 Manufacturing Expenses

8.3 Manufacturing Process Analysis of Serine

9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 9.1 Serine Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of Serine Major Manufacturers in 2015
- 9.4 Downstream Buyers

10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 10.1 Marketing Channel
 - 10.1.1 Direct Marketing
 - 10.1.2 Indirect Marketing
 - 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
 - 10.2.1 Pricing Strategy
 - 10.2.2 Brand Strategy
 - 10.2.3 Target Client
- 10.3 Distributors/Traders List

11 MARKET EFFECT FACTORS ANALYSIS

- 11.1 Technology Progress/Risk
 - 11.1.1 Substitutes Threat
 - 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

12 GLOBAL SERINE MARKET FORECAST (2017-2022)

- 12.1 Global Serine Capacity, Production, Revenue Forecast (2017-2022)
 - 12.1.1 Global Serine Capacity, Production and Growth Rate Forecast (2017-2022)
 - 12.1.2 Global Serine Revenue and Growth Rate Forecast (2017-2022)
 - 12.1.3 Global Serine Price and Trend Forecast (2017-2022)
- 12.2 Global Serine Production, Consumption, Import and Export Forecast by Region (2017-2022)
 - 12.2.1 North America Serine Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
 - 12.2.2 Europe Serine Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.2.3 China Serine Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.2.4 Japan Serine Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.2.5 Southeast Asia Serine Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.2.6 India Serine Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.3 Global Serine Production, Revenue and Price Forecast by Type (2017-2022)

12.4 Global Serine Consumption Forecast by Application (2017-2022)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology/Research Approach

14.1.1 Research Programs/Design

14.1.2 Market Size Estimation

14.1.3 Market Breakdown and Data Triangulation

14.2 Data Source

14.2.1 Secondary Sources

14.2.2 Primary Sources

14.3 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 Picture of Serine

Figure Global Serine Production (K MT) and CAGR (%) Comparison by Types (Product Category) (2012-2022)

Figure Global Serine Production Market Share by Types (Product Category) in 2016

Figure Product Picture of L-Serine

Table Major Manufacturers of L-Serine

Figure Product Picture of D- Serine

Table Major Manufacturers of D- Serine

Figure Product Picture of DL- Serine

Table Major Manufacturers of DL- Serine

Figure Global Serine Consumption (K MT) by Applications (2012-2022)

Figure Global Serine Consumption Market Share by Applications in 2016

Figure Pharmaceutical Examples

Table Key Downstream Customer in Pharmaceutical

Figure Food Examples

Table Key Downstream Customer in Food

Figure Feed Examples

Table Key Downstream Customer in Feed

Figure Others Examples

Table Key Downstream Customer in Others

Figure Global Serine Market Size (Million USD), Comparison (K MT) and CAGR (%) by Regions (2012-2022)

Figure North America Serine Revenue (Million USD) and Growth Rate (2012-2022)

Figure Europe Serine Revenue (Million USD) and Growth Rate (2012-2022)

Figure China Serine Revenue (Million USD) and Growth Rate (2012-2022)

Figure Japan Serine Revenue (Million USD) and Growth Rate (2012-2022)

Figure Southeast Asia Serine Revenue (Million USD) and Growth Rate (2012-2022)

Figure India Serine Revenue (Million USD) and Growth Rate (2012-2022)

Figure Global Serine Revenue (Million USD) Status and Outlook (2012-2022)

Figure Global Serine Capacity, Production (K MT) Status and Outlook (2012-2022)

Figure Global Serine Major Players Product Capacity (K MT) (2012-2017)

Table Global Serine Capacity (K MT) of Key Manufacturers (2012-2017)

Table Global Serine Capacity Market Share of Key Manufacturers (2012-2017)

Figure Global Serine Capacity (K MT) of Key Manufacturers in 2016

Figure Global Serine Capacity (K MT) of Key Manufacturers in 2017

Figure Global Serine Major Players Product Production (K MT) (2012-2017)
Table Global Serine Production (K MT) of Key Manufacturers (2012-2017)
Table Global Serine Production Share by Manufacturers (2012-2017)
Figure 2016 Serine Production Share by Manufacturers
Figure 2017 Serine Production Share by Manufacturers
Figure Global Serine Major Players Product Revenue (Million USD) (2012-2017)
Table Global Serine Revenue (Million USD) by Manufacturers (2012-2017)
Table Global Serine Revenue Share by Manufacturers (2012-2017)
Table 2016 Global Serine Revenue Share by Manufacturers
Table 2017 Global Serine Revenue Share by Manufacturers
Table Global Market Serine Average Price (USD/MT) of Key Manufacturers (2012-2017)
Figure Global Market Serine Average Price (USD/MT) of Key Manufacturers in 2016
Table Manufacturers Serine Manufacturing Base Distribution and Sales Area
Table Manufacturers Serine Product Category
Figure Serine Market Share of Top 3 Manufacturers
Figure Serine Market Share of Top 5 Manufacturers
Table Global Serine Capacity (K MT) by Region (2012-2017)
Figure Global Serine Capacity Market Share by Region (2012-2017)
Figure Global Serine Capacity Market Share by Region (2012-2017)
Figure 2016 Global Serine Capacity Market Share by Region
Table Global Serine Production by Region (2012-2017)
Figure Global Serine Production (K MT) by Region (2012-2017)
Figure Global Serine Production Market Share by Region (2012-2017)
Figure 2016 Global Serine Production Market Share by Region
Table Global Serine Revenue (Million USD) by Region (2012-2017)
Table Global Serine Revenue Market Share by Region (2012-2017)
Figure Global Serine Revenue Market Share by Region (2012-2017)
Table 2016 Global Serine Revenue Market Share by Region
Figure Global Serine Capacity, Production (K MT) and Growth Rate (2012-2017)
Table Global Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)
Table North America Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)
Table Europe Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)
Table China Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)
Table Japan Serine Capacity, Production (K MT), Revenue (Million USD), Price

(USD/MT) and Gross Margin (2012-2017)

Table Southeast Asia Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Table India Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Table Global Serine Consumption (K MT) Market by Region (2012-2017)

Table Global Serine Consumption Market Share by Region (2012-2017)

Figure Global Serine Consumption Market Share by Region (2012-2017)

Figure 2016 Global Serine Consumption (K MT) Market Share by Region

Table North America Serine Production, Consumption, Import & Export (K MT) (2012-2017)

Table Europe Serine Production, Consumption, Import & Export (K MT) (2012-2017)

Table China Serine Production, Consumption, Import & Export (K MT) (2012-2017)

Table Japan Serine Production, Consumption, Import & Export (K MT) (2012-2017)

Table Southeast Asia Serine Production, Consumption, Import & Export (K MT) (2012-2017)

Table India Serine Production, Consumption, Import & Export (K MT) (2012-2017)

Table Global Serine Production (K MT) by Type (2012-2017)

Table Global Serine Production Share by Type (2012-2017)

Figure Production Market Share of Serine by Type (2012-2017)

Figure 2016 Production Market Share of Serine by Type

Table Global Serine Revenue (Million USD) by Type (2012-2017)

Table Global Serine Revenue Share by Type (2012-2017)

Figure Production Revenue Share of Serine by Type (2012-2017)

Figure 2016 Revenue Market Share of Serine by Type

Table Global Serine Price (USD/MT) by Type (2012-2017)

Figure Global Serine Production Growth by Type (2012-2017)

Table Global Serine Consumption (K MT) by Application (2012-2017)

Table Global Serine Consumption Market Share by Application (2012-2017)

Figure Global Serine Consumption Market Share by Applications (2012-2017)

Figure Global Serine Consumption Market Share by Application in 2016

Table Global Serine Consumption Growth Rate by Application (2012-2017)

Figure Global Serine Consumption Growth Rate by Application (2012-2017)

Table Ajinomoto Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Ajinomoto Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Ajinomoto Serine Production Growth Rate (2012-2017)

Figure Ajinomoto Serine Production Market Share (2012-2017)

Figure Ajinomoto Serine Revenue Market Share (2012-2017)

Table Evonik Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Evonik Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Evonik Serine Production Growth Rate (2012-2017)

Figure Evonik Serine Production Market Share (2012-2017)

Figure Evonik Serine Revenue Market Share (2012-2017)

Table KYOWA Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table KYOWA Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure KYOWA Serine Production Growth Rate (2012-2017)

Figure KYOWA Serine Production Market Share (2012-2017)

Figure KYOWA Serine Revenue Market Share (2012-2017)

Table Mitsui Chemicals Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Mitsui Chemicals Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Mitsui Chemicals Serine Production Growth Rate (2012-2017)

Figure Mitsui Chemicals Serine Production Market Share (2012-2017)

Figure Mitsui Chemicals Serine Revenue Market Share (2012-2017)

Table Amino Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Amino Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Amino Serine Production Growth Rate (2012-2017)

Figure Amino Serine Production Market Share (2012-2017)

Figure Amino Serine Revenue Market Share (2012-2017)

Table Wuxi Jinghai Amino Acid Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Wuxi Jinghai Amino Acid Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Wuxi Jinghai Amino Acid Serine Production Growth Rate (2012-2017)

Figure Wuxi Jinghai Amino Acid Serine Production Market Share (2012-2017)

Figure Wuxi Jinghai Amino Acid Serine Revenue Market Share (2012-2017)

Table Shijiazhuang Jirong Pharmaceutical Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Shijiazhuang Jirong Pharmaceutical Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Shijiazhuang Jirong Pharmaceutical Serine Production Growth Rate (2012-2017)

Figure Shijiazhuang Jirong Pharmaceutical Serine Production Market Share

(2012-2017)

Figure Shijiazhuang Jirong Pharmaceutical Serine Revenue Market Share (2012-2017)

Table Bafeng Pharmaceutical Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Bafeng Pharmaceutical Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Bafeng Pharmaceutical Serine Production Growth Rate (2012-2017)

Figure Bafeng Pharmaceutical Serine Production Market Share (2012-2017)

Figure Bafeng Pharmaceutical Serine Revenue Market Share (2012-2017)

Table Jiahe Biotech Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Jiahe Biotech Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Jiahe Biotech Serine Production Growth Rate (2012-2017)

Figure Jiahe Biotech Serine Production Market Share (2012-2017)

Figure Jiahe Biotech Serine Revenue Market Share (2012-2017)

Table Chuyuan Group Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Chuyuan Group Serine Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Chuyuan Group Serine Production Growth Rate (2012-2017)

Figure Chuyuan Group Serine Production Market Share (2012-2017)

Figure Chuyuan Group Serine Revenue Market Share (2012-2017)

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 Serine

Figure Manufacturing Process Analysis of Serine

Figure Serine Industrial Chain Analysis

Table Raw Materials Sources of Serine Major Manufacturers in 2016

Table Major Buyers of Serine

Table Distributors/Traders List

Figure Global Serine Capacity, Production (K MT) and Growth Rate Forecast (2017-2022)

Figure Global Serine Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Global Serine Price (Million USD) and Trend Forecast (2017-2022)

Table Global Serine Production (K MT) Forecast by Region (2017-2022)

Figure Global Serine Production Market Share Forecast by Region (2017-2022)

Table Global Serine Consumption (K MT) Forecast by Region (2017-2022)

Figure Global Serine Consumption Market Share Forecast by Region (2017-2022)
Figure North America Serine Production (K MT) and Growth Rate Forecast (2017-2022)
Figure North America Serine Revenue (Million USD) and Growth Rate Forecast (2017-2022)
Table North America Serine Production, Consumption, Export and Import (K MT) Forecast (2017-2022)
Figure Europe Serine Production (K MT) and Growth Rate Forecast (2017-2022)
Figure Europe Serine Revenue (Million USD) and Growth Rate Forecast (2017-2022)
Table Europe Serine Production, Consumption, Export and Import (K MT) Forecast (2017-2022)
Figure China Serine Production (K MT) and Growth Rate Forecast (2017-2022)
Figure China Serine Revenue (Million USD) and Growth Rate Forecast (2017-2022)
Table China Serine Production, Consumption, Export and Import (K MT) Forecast (2017-2022)
Figure Japan Serine Production (K MT) and Growth Rate Forecast (2017-2022)
Figure Japan Serine Revenue (Million USD) and Growth Rate Forecast (2017-2022)
Table Japan Serine Production, Consumption, Export and Import (K MT) Forecast (2017-2022)
Figure Southeast Asia Serine Production (K MT) and Growth Rate Forecast (2017-2022)
Figure Southeast Asia Serine Revenue (Million USD) and Growth Rate Forecast (2017-2022)
Table Southeast Asia Serine Production, Consumption, Export and Import (K MT) Forecast (2017-2022)
Figure India Serine Production (K MT) and Growth Rate Forecast (2017-2022)
Figure India Serine Revenue (Million USD) and Growth Rate Forecast (2017-2022)
Table India Serine Production, Consumption, Export and Import (K MT) Forecast (2017-2022)
Table Global Serine Production (K MT) Forecast by Type (2017-2022)
Figure Global Serine Production (K MT) Forecast by Type (2017-2022)
Table Global Serine Revenue (Million USD) Forecast by Type (2017-2022)
Figure Global Serine Revenue Market Share Forecast by Type (2017-2022)
Table Global Serine Price Forecast by Type (2017-2022)
Table Global Serine Consumption (K MT) Forecast by Application (2017-2022)
Figure Global Serine Consumption (K MT) 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 Source

I would like to order

Product name: Global Serine Market Research Report 2017

Product link: <https://marketpublishers.com/r/G9064197997EN.html>

Price: US\$ 2,900.00 (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/G9064197997EN.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