

# **Global Glyoxylic Acid Sales Market Report 2018**

https://marketpublishers.com/r/G86DA02248EEN.html

Date: June 2018

Pages: 106

Price: US\$ 4,000.00 (Single User License)

ID: G86DA02248EEN

# **Abstracts**

This report studies the global Glyoxylic Acid market status and forecast, categorizes the global Glyoxylic Acid market size (value & volume) by key players, type, application, and region.

This report focuses on the top players in North America, Europe, China, Japan, Southeast Asia India and Other regions (Middle East & Africa, Central & South America).

Glyoxylic acid or oxoacetic acid is an organic compound that is both an aldehyde and a carboxylic acid. Glyoxylic acid is a liquid and is an intermediate of the glyoxylate cycle, which enables certain organisms to convert fatty acids into carbohydrates.

Glyoxylic acid, a colorless to yellowish liquid, has wide applications, such as: as key intermediate in the pharma or agro industries, flavors and fragrances, dyestuff and fine chemicals, cosmetics as in hair straightening formulations. It can be manufactured industrially by nitric acid oxidation of glyoxal, and was also manufactured by oxidative cleaveage of maleic acid methyl ester by ozone, or manufactured through electroreduction of oxalic acid. For the most manufacturers of glyoxylic acid, nitric acid oxidation of glyoxal is the preferred manufacturing method.

Europe and China are major production bases of glyoxylic acid for the time being. Moreover, China is the largest producer of glyoxylic acid, accounting for 88.57% market share in 2015.

Aromas is the largest consumer of glyoxylic acid. Glyoxylic acid, acts as an intermediate, is usually used to produce vanillin, atenolol, DL-p-hydroxyphenylglycine, DL-p-hydroxyphenylhydantoin. Also, glyoxylic acid is the raw material source of allantoin. Taking vanillin as example, vanillin is mainly used as a flavouring agent, primarily in foods and beverages such as chocolate and dairy products, but also to mask unpleasant tastes in medicines or livestock fodder. It is also an intermediate in the manufacture of certain pharmaceuticals and agrochemicals.

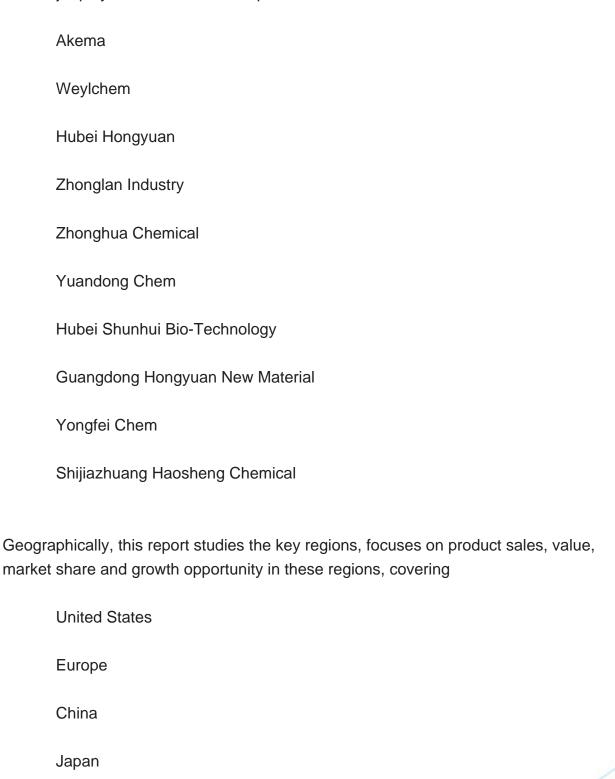
The top three suppliers of glyoxylic acid, Hubei Hongyuan, Zhonglan Industry, Zhonghua Chemical, all locate in China, contributing about 49.64% sales market share



in 2015. Global total consumption of glyoxylic acid was 122305 MT in 2015, increasing slightly from 118789 MT in 2011. According to insiders of glyoxylic acid, the market is not promising for the time being, considering the downstream demand.

The global Glyoxylic Acid market is valued at xx million US\$ in 2017 and will reach xx million US\$ by the end of 2025, growing at a CAGR of xx% during 2018-2025.

The major players covered in this report





Southeast Asia

India
We can also provide the customized separate regional or country-level reports, for the following regions:
North America
United States
Canada
Mexico
Asia-Pacific
China
India
Japan
South Korea
Australia
Indonesia
Singapore
Rest of Asia-Pacific
Europe

Germany





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



for each application, including

Aromas

Pharmaceutical Industry

The study objectives of this report are:

To analyze and study the global Glyoxylic Acid sales, value, status (2013-2017) and forecast (2018-2025);

To analyze the top players in North America, Europe, China, Japan, Southeast Asia and India, to study the sales, value and market share of top players in these regions.

Focuses on the key Glyoxylic Acid players, to study the sales, value, market share and development plans in future.

Focuses on the global key manufacturers, to define, describe and analyze the market competition landscape, SWOT analysis.

To define, describe and forecast the market by type, application and region.

To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.

To identify significant trends and factors driving or inhibiting the market growth.

To analyze the opportunities in the market for stakeholders by identifying the high growth segments.

To strategically analyze each submarket with respect to individual growth trend and their contribution to the market

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market

To strategically profile the key players and comprehensively analyze their



growth strategies.

In this study, the years considered to estimate the market size of Glyoxylic Acid are as follows:

History Year: 2013-2017

Base Year: 2017

Estimated Year: 2018

Forecast Year 2018 to 2025

For the data information by region, company, type and application, 2017 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

Key Stakeholders

Glyoxylic Acid Manufacturers

Glyoxylic Acid Distributors/Traders/Wholesalers

Glyoxylic Acid Subcomponent Manufacturers

**Industry Association** 

**Downstream Vendors** 

**Available Customizations** 

With the given market data, QYResearch offers customizations according to the company's specific needs. The following customization options are available for the report:

Regional and country-level analysis of the Glyoxylic Acid market, by end-use.

Detailed analysis and profiles of additional market players.



# **Contents**

Global Glyoxylic Acid Sales Market Report 2018

#### 1 GLYOXYLIC ACID MARKET OVERVIEW

- 1.1 Product Overview and Scope of Glyoxylic Acid
- 1.2 Classification of Glyoxylic Acid by Product Category
- 1.2.1 Global Glyoxylic Acid Market Size (Sales) Comparison by Type (2013-2025)
- 1.2.2 Global Glyoxylic Acid Market Size (Sales) Market Share by Type (Product Category) in 2017
  - 1.2.3 Glyoxylic Acid 50%
  - 1.2.4 Glyoxylic Acid 40%
- 1.3 Global Glyoxylic Acid Market by Application/End Users
- 1.3.1 Global Glyoxylic Acid Sales (Volume) and Market Share Comparison by Application (2013-2025)
  - 1.3.1 Aromas
  - 1.3.2 Pharmaceutical Industry
- 1.4 Global Glyoxylic Acid Market by Region
  - 1.4.1 Global Glyoxylic Acid Market Size (Value) Comparison by Region (2013-2025)
  - 1.4.2 United States Glyoxylic Acid Status and Prospect (2013-2025)
  - 1.4.3 Europe Glyoxylic Acid Status and Prospect (2013-2025)
  - 1.4.4 China Glyoxylic Acid Status and Prospect (2013-2025)
  - 1.4.5 Japan Glyoxylic Acid Status and Prospect (2013-2025)
  - 1.4.6 Southeast Asia Glyoxylic Acid Status and Prospect (2013-2025)
  - 1.4.7 India Glyoxylic Acid Status and Prospect (2013-2025)
- 1.5 Global Market Size (Value and Volume) of Glyoxylic Acid (2013-2025)
  - 1.5.1 Global Glyoxylic Acid Sales and Growth Rate (2013-2025)
  - 1.5.2 Global Glyoxylic Acid Revenue and Growth Rate (2013-2025)

# 2 GLOBAL GLYOXYLIC ACID COMPETITION BY PLAYERS/SUPPLIERS, TYPE AND APPLICATION

- 2.1 Global Glyoxylic Acid Market Competition by Players/Suppliers
- 2.1.1 Global Glyoxylic Acid Sales and Market Share of Key Players/Suppliers (2013-2018)
  - 2.1.2 Global Glyoxylic Acid Revenue and Share by Players/Suppliers (2013-2018)
- 2.2 Global Glyoxylic Acid (Volume and Value) by Type
  - 2.2.1 Global Glyoxylic Acid Sales and Market Share by Type (2013-2018)



- 2.2.2 Global Glyoxylic Acid Revenue and Market Share by Type (2013-2018)
- 2.3 Global Glyoxylic Acid (Volume and Value) by Region
- 2.3.1 Global Glyoxylic Acid Sales and Market Share by Region (2013-2018)
- 2.3.2 Global Glyoxylic Acid Revenue and Market Share by Region (2013-2018)
- 2.4 Global Glyoxylic Acid (Volume) by Application

# 3 UNITED STATES GLYOXYLIC ACID (VOLUME, VALUE AND SALES PRICE)

- 3.1 United States Glyoxylic Acid Sales and Value (2013-2018)
  - 3.1.1 United States Glyoxylic Acid Sales and Growth Rate (2013-2018)
  - 3.1.2 United States Glyoxylic Acid Revenue and Growth Rate (2013-2018)
  - 3.1.3 United States Glyoxylic Acid Sales Price Trend (2013-2018)
- 3.2 United States Glyoxylic Acid Sales Volume and Market Share by Players (2013-2018)
- 3.3 United States Glyoxylic Acid Sales Volume and Market Share by Type (2013-2018)
- 3.4 United States Glyoxylic Acid Sales Volume and Market Share by Application (2013-2018)

### 4 EUROPE GLYOXYLIC ACID (VOLUME, VALUE AND SALES PRICE)

- 4.1 Europe Glyoxylic Acid Sales and Value (2013-2018)
  - 4.1.1 Europe Glyoxylic Acid Sales and Growth Rate (2013-2018)
  - 4.1.2 Europe Glyoxylic Acid Revenue and Growth Rate (2013-2018)
- 4.1.3 Europe Glyoxylic Acid Sales Price Trend (2013-2018)
- 4.2 Europe Glyoxylic Acid Sales Volume and Market Share by Players (2013-2018)
- 4.3 Europe Glyoxylic Acid Sales Volume and Market Share by Type (2013-2018)
- 4.4 Europe Glyoxylic Acid Sales Volume and Market Share by Application (2013-2018)

### 5 CHINA GLYOXYLIC ACID (VOLUME, VALUE AND SALES PRICE)

- 5.1 China Glyoxylic Acid Sales and Value (2013-2018)
- 5.1.1 China Glyoxylic Acid Sales and Growth Rate (2013-2018)
- 5.1.2 China Glyoxylic Acid Revenue and Growth Rate (2013-2018)
- 5.1.3 China Glyoxylic Acid Sales Price Trend (2013-2018)
- 5.2 China Glyoxylic Acid Sales Volume and Market Share by Players (2013-2018)
- 5.3 China Glyoxylic Acid Sales Volume and Market Share by Type (2013-2018)
- 5.4 China Glyoxylic Acid Sales Volume and Market Share by Application (2013-2018)

### 6 JAPAN GLYOXYLIC ACID (VOLUME, VALUE AND SALES PRICE)



- 6.1 Japan Glyoxylic Acid Sales and Value (2013-2018)
  - 6.1.1 Japan Glyoxylic Acid Sales and Growth Rate (2013-2018)
  - 6.1.2 Japan Glyoxylic Acid Revenue and Growth Rate (2013-2018)
- 6.1.3 Japan Glyoxylic Acid Sales Price Trend (2013-2018)
- 6.2 Japan Glyoxylic Acid Sales Volume and Market Share by Players (2013-2018)
- 6.3 Japan Glyoxylic Acid Sales Volume and Market Share by Type (2013-2018)
- 6.4 Japan Glyoxylic Acid Sales Volume and Market Share by Application (2013-2018)

### 7 SOUTHEAST ASIA GLYOXYLIC ACID (VOLUME, VALUE AND SALES PRICE)

- 7.1 Southeast Asia Glyoxylic Acid Sales and Value (2013-2018)
  - 7.1.1 Southeast Asia Glyoxylic Acid Sales and Growth Rate (2013-2018)
- 7.1.2 Southeast Asia Glyoxylic Acid Revenue and Growth Rate (2013-2018)
- 7.1.3 Southeast Asia Glyoxylic Acid Sales Price Trend (2013-2018)
- 7.2 Southeast Asia Glyoxylic Acid Sales Volume and Market Share by Players (2013-2018)
- 7.3 Southeast Asia Glyoxylic Acid Sales Volume and Market Share by Type (2013-2018)
- 7.4 Southeast Asia Glyoxylic Acid Sales Volume and Market Share by Application (2013-2018)

#### 8 INDIA GLYOXYLIC ACID (VOLUME, VALUE AND SALES PRICE)

- 8.1 India Glyoxylic Acid Sales and Value (2013-2018)
  - 8.1.1 India Glyoxylic Acid Sales and Growth Rate (2013-2018)
  - 8.1.2 India Glyoxylic Acid Revenue and Growth Rate (2013-2018)
  - 8.1.3 India Glyoxylic Acid Sales Price Trend (2013-2018)
- 8.2 India Glyoxylic Acid Sales Volume and Market Share by Players (2013-2018)
- 8.3 India Glyoxylic Acid Sales Volume and Market Share by Type (2013-2018)
- 8.4 India Glyoxylic Acid Sales Volume and Market Share by Application (2013-2018)

# 9 GLOBAL GLYOXYLIC ACID PLAYERS/SUPPLIERS PROFILES AND SALES DATA

- 9.1 Akema
  - 9.1.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.1.2 Glyoxylic Acid Product Category, Application and Specification
    - 9.1.2.1 Product A



- 9.1.2.2 Product B
- 9.1.3 Akema Glyoxylic Acid Sales, Revenue, Price and Gross Margin (2013-2018)
- 9.1.4 Main Business/Business Overview
- 9.2 Weylchem
  - 9.2.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.2.2 Glyoxylic Acid Product Category, Application and Specification
    - 9.2.2.1 Product A
    - 9.2.2.2 Product B
  - 9.2.3 Weylchem Glyoxylic Acid Sales, Revenue, Price and Gross Margin (2013-2018)
  - 9.2.4 Main Business/Business Overview
- 9.3 Hubei Hongyuan
  - 9.3.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.3.2 Glyoxylic Acid Product Category, Application and Specification
    - 9.3.2.1 Product A
    - 9.3.2.2 Product B
- 9.3.3 Hubei Hongyuan Glyoxylic Acid Sales, Revenue, Price and Gross Margin (2013-2018)
  - 9.3.4 Main Business/Business Overview
- 9.4 Zhonglan Industry
  - 9.4.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.4.2 Glyoxylic Acid Product Category, Application and Specification
    - 9.4.2.1 Product A
    - 9.4.2.2 Product B
- 9.4.3 Zhonglan Industry Glyoxylic Acid Sales, Revenue, Price and Gross Margin (2013-2018)
  - 9.4.4 Main Business/Business Overview
- 9.5 Zhonghua Chemical
  - 9.5.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.5.2 Glyoxylic Acid Product Category, Application and Specification
    - 9.5.2.1 Product A
    - 9.5.2.2 Product B
- 9.5.3 Zhonghua Chemical Glyoxylic Acid Sales, Revenue, Price and Gross Margin (2013-2018)
  - 9.5.4 Main Business/Business Overview
- 9.6 Yuandong Chem
  - 9.6.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.6.2 Glyoxylic Acid Product Category, Application and Specification
    - 9.6.2.1 Product A
    - 9.6.2.2 Product B



- 9.6.3 Yuandong Chem Glyoxylic Acid Sales, Revenue, Price and Gross Margin (2013-2018)
- 9.6.4 Main Business/Business Overview
- 9.7 Hubei Shunhui Bio-Technology
  - 9.7.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.7.2 Glyoxylic Acid Product Category, Application and Specification
    - 9.7.2.1 Product A
    - 9.7.2.2 Product B
- 9.7.3 Hubei Shunhui Bio-Technology Glyoxylic Acid Sales, Revenue, Price and Gross Margin (2013-2018)
  - 9.7.4 Main Business/Business Overview
- 9.8 Guangdong Hongyuan New Material
  - 9.8.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.8.2 Glyoxylic Acid Product Category, Application and Specification
    - 9.8.2.1 Product A
    - 9.8.2.2 Product B
- 9.8.3 Guangdong Hongyuan New Material Glyoxylic Acid Sales, Revenue, Price and Gross Margin (2013-2018)
  - 9.8.4 Main Business/Business Overview
- 9.9 Yongfei Chem
  - 9.9.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.9.2 Glyoxylic Acid Product Category, Application and Specification
    - 9.9.2.1 Product A
    - 9.9.2.2 Product B
- 9.9.3 Yongfei Chem Glyoxylic Acid Sales, Revenue, Price and Gross Margin (2013-2018)
  - 9.9.4 Main Business/Business Overview
- 9.10 Shijiazhuang Haosheng Chemical
  - 9.10.1 Company Basic Information, Manufacturing Base and Competitors
  - 9.10.2 Glyoxylic Acid Product Category, Application and Specification
    - 9.10.2.1 Product A
    - 9.10.2.2 Product B
- 9.10.3 Shijiazhuang Haosheng Chemical Glyoxylic Acid Sales, Revenue, Price and Gross Margin (2013-2018)
  - 9.10.4 Main Business/Business Overview

#### 10 GLYOXYLIC ACID MAUFACTURING COST ANALYSIS

10.1 Glyoxylic Acid 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 Glyoxylic Acid
- 10.3 Manufacturing Process Analysis of Glyoxylic Acid

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

- 11.1 Glyoxylic Acid Industrial Chain Analysis
- 11.2 Upstream Raw Materials Sourcing
- 11.3 Raw Materials Sources of Glyoxylic Acid Major Manufacturers in 2017
- 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 GLYOXYLIC ACID MARKET FORECAST (2018-2025)



- 14.1 Global Glyoxylic Acid Sales Volume, Revenue and Price Forecast (2018-2025)
  - 14.1.1 Global Glyoxylic Acid Sales Volume and Growth Rate Forecast (2018-2025)
  - 14.1.2 Global Glyoxylic Acid Revenue and Growth Rate Forecast (2018-2025)
  - 14.1.3 Global Glyoxylic Acid Price and Trend Forecast (2018-2025)
- 14.2 Global Glyoxylic Acid Sales Volume, Revenue and Growth Rate Forecast by Region (2018-2025)
- 14.2.1 Global Glyoxylic Acid Sales Volume and Growth Rate Forecast by Regions (2018-2025)
- 14.2.2 Global Glyoxylic Acid Revenue and Growth Rate Forecast by Regions (2018-2025)
- 14.2.3 United States Glyoxylic Acid Sales Volume, Revenue and Growth Rate Forecast (2018-2025)
- 14.2.4 Europe Glyoxylic Acid Sales Volume, Revenue and Growth Rate Forecast (2018-2025)
- 14.2.5 China Glyoxylic Acid Sales Volume, Revenue and Growth Rate Forecast (2018-2025)
- 14.2.6 Japan Glyoxylic Acid Sales Volume, Revenue and Growth Rate Forecast (2018-2025)
- 14.2.7 Southeast Asia Glyoxylic Acid Sales Volume, Revenue and Growth Rate Forecast (2018-2025)
- 14.2.8 India Glyoxylic Acid Sales Volume, Revenue and Growth Rate Forecast (2018-2025)
- 14.3 Global Glyoxylic Acid Sales Volume, Revenue and Price Forecast by Type (2018-2025)
  - 14.3.1 Global Glyoxylic Acid Sales Forecast by Type (2018-2025)
  - 14.3.2 Global Glyoxylic Acid Revenue Forecast by Type (2018-2025)
  - 14.3.3 Global Glyoxylic Acid Price Forecast by Type (2018-2025)
- 14.4 Global Glyoxylic Acid Sales Volume Forecast by Application (2018-2025)

#### 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 Sources16.3 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 Glyoxylic Acid

Figure Global Glyoxylic Acid Sales Volume Comparison (K MT) by Type (2013-2025)

Figure Global Glyoxylic Acid Sales Volume Market Share by Type (Product Category) in 2017

Figure Glyoxylic Acid 50% Product Picture

Figure Glyoxylic Acid 40% Product Picture

Figure Global Glyoxylic Acid Sales Comparison (K MT) by Application (2013-2025)

Figure Global Sales Market Share of Glyoxylic Acid by Application in 2017

Figure Aromas Examples

Table Key Downstream Customer in Aromas

Figure Pharmaceutical Industry Examples

Table Key Downstream Customer in Pharmaceutical Industry

Figure Global Glyoxylic Acid Market Size (Million USD) by Regions (2013-2025)

Figure United States Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2025)

Figure Europe Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2025)

Figure China Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2025)

Figure Japan Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2025)

Figure Southeast Asia Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2025)

Figure India Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2025)

Figure Global Glyoxylic Acid Sales Volume (K MT) and Growth Rate (2013-2025)

Figure Global Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2025)

Figure Global Market Major Players Glyoxylic Acid Sales Volume (K MT) (2013-2018)

Table Global Glyoxylic Acid Sales (K MT) of Key Players/Suppliers (2013-2018)

Table Global Glyoxylic Acid Sales Share by Players/Suppliers (2013-2018)

Figure 2017 Glyoxylic Acid Sales Share by Players/Suppliers

Figure 2017 Glyoxylic Acid Sales Share by Players/Suppliers

Figure Global Glyoxylic Acid Revenue (Million USD) by Players/Suppliers (2013-2018)

Table Global Glyoxylic Acid Revenue (Million USD) by Players/Suppliers (2013-2018)

Table Global Glyoxylic Acid Revenue Share by Players/Suppliers (2013-2018)

Table 2017 Global Glyoxylic Acid Revenue Share by Players

Table 2017 Global Glyoxylic Acid Revenue Share by Players

Table Global Glyoxylic Acid Sales (K MT) and Market Share by Type (2013-2018)

Table Global Glyoxylic Acid Sales Share (K MT) by Type (2013-2018)



Figure Sales Market Share of Glyoxylic Acid by Type (2013-2018)

Figure Global Glyoxylic Acid Sales Growth Rate by Type (2013-2018)

Table Global Glyoxylic Acid Revenue (Million USD) and Market Share by Type (2013-2018)

Table Global Glyoxylic Acid Revenue Share by Type (2013-2018)

Figure Revenue Market Share of Glyoxylic Acid by Type (2013-2018)

Figure Global Glyoxylic Acid Revenue Growth Rate by Type (2013-2018)

Table Global Glyoxylic Acid Sales Volume (K MT) and Market Share by Region (2013-2018)

Table Global Glyoxylic Acid Sales Share by Region (2013-2018)

Figure Sales Market Share of Glyoxylic Acid by Region (2013-2018)

Figure Global Glyoxylic Acid Sales Growth Rate by Region in 2017

Table Global Glyoxylic Acid Revenue (Million USD) and Market Share by Region (2013-2018)

Table Global Glyoxylic Acid Revenue Share (%) by Region (2013-2018)

Figure Revenue Market Share of Glyoxylic Acid by Region (2013-2018)

Figure Global Glyoxylic Acid Revenue Growth Rate by Region in 2017

Table Global Glyoxylic Acid Revenue (Million USD) and Market Share by Region (2013-2018)

Table Global Glyoxylic Acid Revenue Share (%) by Region (2013-2018)

Figure Revenue Market Share of Glyoxylic Acid by Region (2013-2018)

Figure Global Glyoxylic Acid Revenue Market Share by Region in 2017

Table Global Glyoxylic Acid Sales Volume (K MT) and Market Share by Application (2013-2018)

Table Global Glyoxylic Acid Sales Share (%) by Application (2013-2018)

Figure Sales Market Share of Glyoxylic Acid by Application (2013-2018)

Figure Global Glyoxylic Acid Sales Market Share by Application (2013-2018)

Figure United States Glyoxylic Acid Sales (K MT) and Growth Rate (2013-2018)

Figure United States Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2018)

Figure United States Glyoxylic Acid Sales Price (USD/MT) Trend (2013-2018)

Table United States Glyoxylic Acid Sales Volume (K MT) by Players (2013-2018)

Table United States Glyoxylic Acid Sales Volume Market Share by Players (2013-2018)

Figure United States Glyoxylic Acid Sales Volume Market Share by Players in 2017

Table United States Glyoxylic Acid Sales Volume (K MT) by Type (2013-2018)

Table United States Glyoxylic Acid Sales Volume Market Share by Type (2013-2018)

Figure United States Glyoxylic Acid Sales Volume Market Share by Type in 2017

Table United States Glyoxylic Acid Sales Volume (K MT) by Application (2013-2018)

Table United States Glyoxylic Acid Sales Volume Market Share by Application



(2013-2018)

Figure United States Glyoxylic Acid Sales Volume Market Share by Application in 2017 Figure Europe Glyoxylic Acid Sales (K MT) and Growth Rate (2013-2018) Figure Europe Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2018) Figure Europe Glyoxylic Acid Sales Price (USD/MT) Trend (2013-2018) Table Europe Glyoxylic Acid Sales Volume (K MT) by Players (2013-2018) Table Europe Glyoxylic Acid Sales Volume Market Share by Players (2013-2018) Figure Europe Glyoxylic Acid Sales Volume Market Share by Players in 2017 Table Europe Glyoxylic Acid Sales Volume (K MT) by Type (2013-2018) Table Europe Glyoxylic Acid Sales Volume Market Share by Type (2013-2018) Figure Europe Glyoxylic Acid Sales Volume Market Share by Type in 2017 Table Europe Glyoxylic Acid Sales Volume (K MT) by Application (2013-2018) Table Europe Glyoxylic Acid Sales Volume Market Share by Application (2013-2018) Figure Europe Glyoxylic Acid Sales Volume Market Share by Application in 2017 Figure China Glyoxylic Acid Sales (K MT) and Growth Rate (2013-2018) Figure China Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2018) Figure China Glyoxylic Acid Sales Price (USD/MT) Trend (2013-2018) Table China Glyoxylic Acid Sales Volume (K MT) by Players (2013-2018) Table China Glyoxylic Acid Sales Volume Market Share by Players (2013-2018) Figure China Glyoxylic Acid Sales Volume Market Share by Players in 2017 Table China Glyoxylic Acid Sales Volume (K MT) by Type (2013-2018) Table China Glyoxylic Acid Sales Volume Market Share by Type (2013-2018) Figure China Glyoxylic Acid Sales Volume Market Share by Type in 2017 Table China Glyoxylic Acid Sales Volume (K MT) by Application (2013-2018) Table China Glyoxylic Acid Sales Volume Market Share by Application (2013-2018) Figure China Glyoxylic Acid Sales Volume Market Share by Application in 2017 Figure Japan Glyoxylic Acid Sales (K MT) and Growth Rate (2013-2018) Figure Japan Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2018) Figure Japan Glyoxylic Acid Sales Price (USD/MT) Trend (2013-2018) Table Japan Glyoxylic Acid Sales Volume (K MT) by Players (2013-2018) Table Japan Glyoxylic Acid Sales Volume Market Share by Players (2013-2018) Figure Japan Glyoxylic Acid Sales Volume Market Share by Players in 2017 Table Japan Glyoxylic Acid Sales Volume (K MT) by Type (2013-2018) Table Japan Glyoxylic Acid Sales Volume Market Share by Type (2013-2018) Figure Japan Glyoxylic Acid Sales Volume Market Share by Type in 2017 Table Japan Glyoxylic Acid Sales Volume (K MT) by Application (2013-2018) Table Japan Glyoxylic Acid Sales Volume Market Share by Application (2013-2018) Figure Japan Glyoxylic Acid Sales Volume Market Share by Application in 2017 Figure Southeast Asia Glyoxylic Acid Sales (K MT) and Growth Rate (2013-2018)



Figure Southeast Asia Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2018)

Figure Southeast Asia Glyoxylic Acid Sales Price (USD/MT) Trend (2013-2018)

Table Southeast Asia Glyoxylic Acid Sales Volume (K MT) by Players (2013-2018)

Table Southeast Asia Glyoxylic Acid Sales Volume Market Share by Players (2013-2018)

Figure Southeast Asia Glyoxylic Acid Sales Volume Market Share by Players in 2017

Table Southeast Asia Glyoxylic Acid Sales Volume (K MT) by Type (2013-2018)

Table Southeast Asia Glyoxylic Acid Sales Volume Market Share by Type (2013-2018)

Figure Southeast Asia Glyoxylic Acid Sales Volume Market Share by Type in 2017

Table Southeast Asia Glyoxylic Acid Sales Volume (K MT) by Application (2013-2018)

Table Southeast Asia Glyoxylic Acid Sales Volume Market Share by Application (2013-2018)

Figure Southeast Asia Glyoxylic Acid Sales Volume Market Share by Application in 2017

Figure India Glyoxylic Acid Sales (K MT) and Growth Rate (2013-2018)

Figure India Glyoxylic Acid Revenue (Million USD) and Growth Rate (2013-2018)

Figure India Glyoxylic Acid Sales Price (USD/MT) Trend (2013-2018)

Table India Glyoxylic Acid Sales Volume (K MT) by Players (2013-2018)

Table India Glyoxylic Acid Sales Volume Market Share by Players (2013-2018)

Figure India Glyoxylic Acid Sales Volume Market Share by Players in 2017

Table India Glyoxylic Acid Sales Volume (K MT) by Type (2013-2018)

Table India Glyoxylic Acid Sales Volume Market Share by Type (2013-2018)

Figure India Glyoxylic Acid Sales Volume Market Share by Type in 2017

Table India Glyoxylic Acid Sales Volume (K MT) by Application (2013-2018)

Table India Glyoxylic Acid Sales Volume Market Share by Application (2013-2018)

Figure India Glyoxylic Acid Sales Volume Market Share by Application in 2017

Table Akema Basic Information List

Table Akema Glyoxylic Acid Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Akema Glyoxylic Acid Sales Growth Rate (2013-2018)

Figure Akema Glyoxylic Acid Sales Global Market Share (2013-2018)

Figure Akema Glyoxylic Acid Revenue Global Market Share (2013-2018)

Table Weylchem Basic Information List

Table Weylchem Glyoxylic Acid Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Weylchem Glyoxylic Acid Sales Growth Rate (2013-2018)

Figure Weylchem Glyoxylic Acid Sales Global Market Share (2013-2018)

Figure Weylchem Glyoxylic Acid Revenue Global Market Share (2013-2018)



Table Hubei Hongyuan Basic Information List

Table Hubei Hongyuan Glyoxylic Acid Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Hubei Hongyuan Glyoxylic Acid Sales Growth Rate (2013-2018)

Figure Hubei Hongyuan Glyoxylic Acid Sales Global Market Share (2013-2018

Figure Hubei Hongyuan Glyoxylic Acid Revenue Global Market Share (2013-2018)

Table Zhonglan Industry Basic Information List

Table Zhonglan Industry Glyoxylic Acid Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Zhonglan Industry Glyoxylic Acid Sales Growth Rate (2013-2018)

Figure Zhonglan Industry Glyoxylic Acid Sales Global Market Share (2013-2018)

Figure Zhonglan Industry Glyoxylic Acid Revenue Global Market Share (2013-2018)

Table Zhonghua Chemical Basic Information List

Table Zhonghua Chemical Glyoxylic Acid Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Zhonghua Chemical Glyoxylic Acid Sales Growth Rate (2013-2018)

Figure Zhonghua Chemical Glyoxylic Acid Sales Global Market Share (2013-2018)

Figure Zhonghua Chemical Glyoxylic Acid Revenue Global Market Share (2013-2018)

Table Yuandong Chem Basic Information List

Table Yuandong Chem Glyoxylic Acid Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Yuandong Chem Glyoxylic Acid Sales Growth Rate (2013-2018)

Figure Yuandong Chem Glyoxylic Acid Sales Global Market Share (2013-2018

Figure Yuandong Chem Glyoxylic Acid Revenue Global Market Share (2013-2018)

Table Hubei Shunhui Bio-Technology Basic Information List

Table Hubei Shunhui Bio-Technology Glyoxylic Acid Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Hubei Shunhui Bio-Technology Glyoxylic Acid Sales Growth Rate (2013-2018)

Figure Hubei Shunhui Bio-Technology Glyoxylic Acid Sales Global Market Share (2013-2018)

Figure Hubei Shunhui Bio-Technology Glyoxylic Acid Revenue Global Market Share (2013-2018)

Table Guangdong Hongyuan New Material Basic Information List

Table Guangdong Hongyuan New Material Glyoxylic Acid Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Guangdong Hongyuan New Material Glyoxylic Acid Sales Growth Rate (2013-2018)

Figure Guangdong Hongyuan New Material Glyoxylic Acid Sales Global Market Share (2013-2018



Figure Guangdong Hongyuan New Material Glyoxylic Acid Revenue Global Market Share (2013-2018)

Table Yongfei Chem Basic Information List

Table Yongfei Chem Glyoxylic Acid Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Yongfei Chem Glyoxylic Acid Sales Growth Rate (2013-2018)

Figure Yongfei Chem Glyoxylic Acid Sales Global Market Share (2013-2018)

Figure Yongfei Chem Glyoxylic Acid Revenue Global Market Share (2013-2018)

Table Shijiazhuang Haosheng Chemical Basic Information List

Table Shijiazhuang Haosheng Chemical Glyoxylic Acid Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2013-2018)

Figure Shijiazhuang Haosheng Chemical Glyoxylic Acid Sales Growth Rate (2013-2018)

Figure Shijiazhuang Haosheng Chemical Glyoxylic Acid Sales Global Market Share (2013-2018)

Figure Shijiazhuang Haosheng Chemical Glyoxylic Acid Revenue Global Market Share (2013-2018)

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 Glyoxylic Acid

Figure Manufacturing Process Analysis of Glyoxylic Acid

Figure Glyoxylic Acid Industrial Chain Analysis

Table Raw Materials Sources of Glyoxylic Acid Major Players in 2017

Table Major Buyers of Glyoxylic Acid

Table Distributors/Traders List

Figure Global Glyoxylic Acid Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure Global Glyoxylic Acid Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Global Glyoxylic Acid Price (USD/MT) and Trend Forecast (2018-2025)

Table Global Glyoxylic Acid Sales Volume (K MT) Forecast by Regions (2018-2025)

Figure Global Glyoxylic Acid Sales Volume Market Share Forecast by Regions (2018-2025)

Figure Global Glyoxylic Acid Sales Volume Market Share Forecast by Regions in 2025

Table Global Glyoxylic Acid Revenue (Million USD) Forecast by Regions (2018-2025)

Figure Global Glyoxylic Acid Revenue Market Share Forecast by Regions (2018-2025)

Figure Global Glyoxylic Acid Revenue Market Share Forecast by Regions in 2025

Figure United States Glyoxylic Acid Sales Volume (K MT) and Growth Rate Forecast



(2018-2025)

Figure United States Glyoxylic Acid Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Europe Glyoxylic Acid Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure Europe Glyoxylic Acid Revenue and Growth Rate Forecast (2018-2025)

Figure China Glyoxylic Acid Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure China Glyoxylic Acid Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Japan Glyoxylic Acid Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure Japan Glyoxylic Acid Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Southeast Asia Glyoxylic Acid Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure Southeast Asia Glyoxylic Acid Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure India Glyoxylic Acid Sales Volume (K MT) and Growth Rate Forecast (2018-2025)

Figure India Glyoxylic Acid Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Table Global Glyoxylic Acid Sales (K MT) Forecast by Type (2018-2025)

Figure Global Glyoxylic Acid Sales Volume Market Share Forecast by Type (2018-2025)

Table Global Glyoxylic Acid Revenue (Million USD) Forecast by Type (2018-2025)

Figure Global Glyoxylic Acid Revenue Market Share Forecast by Type (2018-2025)

Table Global Glyoxylic Acid Price (USD/MT) Forecast by Type (2018-2025)

Table Global Glyoxylic Acid Sales (K MT) Forecast by Application (2018-2025)

Figure Global Glyoxylic Acid Sales Market Share Forecast by Application (2018-2025)

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 Glyoxylic Acid Sales Market Report 2018

Product link: https://marketpublishers.com/r/G86DA02248EEN.html

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 <a href="https://marketpublishers.com/r/G86DA02248EEN.html">https://marketpublishers.com/r/G86DA02248EEN.html</a>

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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