

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

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## **Abstracts**

Levulinic acid (CAS No 123-76-2), or 4-oxopentanoic acid, is an organic compound with the formula  $\text{CH}_3\text{C}(\text{O})\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$ . It is classified as a keto acid. This white crystalline solid is soluble in water and polar organic solvents. It is derived from degradation of cellulose and is a potential precursor to biofuels.

Scope of the Report:

This report focuses on the Levulinic Acid in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

GFBiochemicals

Zibo Changlin Chemical

Hebei Yanuo

Heroy Chemical Industry

Langfang Triple Well Chemicals

Hefei TNJ Chemical

Guannan East Chemical

Zibo Shuangyu

LangFang Hawk

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Industrial Grade

Pharma Grade

Others

Market Segment by Applications, can be divided into

Pharmaceuticals

Cosmetics & Personal Care

Plasticizers

Food and Flavors

Agrochemicals

Biofuels

Others

There are 15 Chapters to deeply display the global Levulinic Acid market.

Chapter 1, to describe Levulinic Acid Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Levulinic Acid, with sales, revenue, and price of Levulinic Acid, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Levulinic Acid, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Levulinic Acid market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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

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