

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

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## **Abstracts**

The acrylic acid industry has seen significant change over the past two decades. With the closure of acetylene-based and acrylonitrile-based plants in the 1990s, the production of acrylic acid via two-stage propylene oxidation became the preferred and dominant method of production for acrylic acid producers, globally. Currently, licensors and technology holders of two-stage propylene oxidation technology are looking to improve their processes with new catalyst formulations, modifications to reactor design, and/or establishing operational best-practices through newly optimized parameters. The next decade, however, will give rise to a new wave of technologies – particularly, bio-based routes to acrylic acid.

### **Scope of the Report:**

This report focuses on the Bio-based Acrylic 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. Currently, only Cargill is producing bio-based acrylic acid, also it is not on industrial scale production. Owing to high production costs and technical barriers, limited companies are able to produce bio-based acrylic acid. Compared with acrylic acid, bio-based acrylic acid cost is high which result that no downstream consumers willing to purchase bio-based acrylic acid. We predict that there will be no industrial scale production in following 5 years.

Europe major manufacturers include BASF, DOW, Arkema, LG Chem and Hexion. In Europe, acrylic acid market concentration is high. Total sales share of those five suppliers is 95.24% in 2017. During them, BASF is market leader in Europe, whose

sales amount is 644.9 K MT in 2017. Followed by BASF, Arkema is the second largest supplier in Europe.

Europe major consumption regions are distributed in Germany, France, Belgium, Italy, United Kingdom and Netherlands etc. Germany is the largest consumption region, which consumed 534.9 K MT in 2017. France and Belgium are separately the second and third largest consumption regions.

During past five years, Europe acrylic acid consumption increased from 1274 K MT in 2013 to 1314.2 K MT in 2017, with an average increase rate of 0.78%. Due to the increase of raw material price, acrylic acid price increased from 2017. Currently, Europe average acrylic acid price is 1318 USD/MT.

Driven by increasing downstream demand, Europe acrylic acid consumption will keep increasing. By 2024, Europe consumption will be 1591 K MT.

The worldwide market for Bio-based Acrylic Acid is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

BASF

DOW

Arkema

LG Chem

Hexion

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

Purity (>99%)

Purity (>99%)

Market Segment by Applications, can be divided into

Super Absorbent Polymers

Coating

Polyacrylic Acid Polymers

Other

There are 15 Chapters to deeply display the global Bio-based Acrylic Acid market.

Chapter 1, to describe Bio-based Acrylic Acid Introduction, product scope, market overview, market opportunities, market risk, market driving force;

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

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

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