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Global Bio-based Acrylic Acid Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Bio-based Acrylic Acid market size was valued at US$ million in 2025 and is forecast to a readjusted size of US$ million by 2032 with a CAGR of %during review period.

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. At present, there is no industrialized bio-based acrylic acid sold in Europe. This project takes the petrochemical-based acrylic acid sales data to evaluate the potential market for bio-based acrylic acid. Analyze its future development space.

In Europe market, Bio-based Acrylic Acid key players include BASF, Arkema, DOW, Hexion, LG Chem, etc. The top five manufacturers hold a share about 95%. Germany is the largest market, with a share about 40%, followed by France, with a share about 30 percent. In terms of product, Purity (?99%) is the largest segment, with a share about 60%. And in terms of application, the largest application is Super Absorbent Polymers, followed by Coating, Polyacrylic Acid Polymers, etc.

This report is a detailed and comprehensive analysis for global Bio-based Acrylic Acid

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market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Bio-based Acrylic Acid market size and forecasts, in consumption value ($ Million), sales quantity (K MT), and average selling prices (USD/MT), 2021-2032

Global Bio-based Acrylic Acid market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K MT), and average selling prices (USD/MT), 2021-2032

Global Bio-based Acrylic Acid market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K MT), and average selling prices (USD/MT), 2021-2032

Global Bio-based Acrylic Acid market shares of main players, shipments in revenue ($ Million), sales quantity (K MT), and ASP (USD/MT), 2021-2026

The Primary Objectives in This Report Are:
To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Bio-based Acrylic Acid
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Bio-based Acrylic Acid market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BASF, DuPont, Arkema, LG Chem, Hexion, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

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Bio-based Acrylic Acid market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Purity (Below 99%)

Purity (Above 99%)

Market segment by Application

Super Absorbent Polymers

Coating

Polyacrylic Acid Polymers

Other

Major players covered

BASF

DuPont

Arkema

LG Chem

Hexion

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Bio-based Acrylic Acid product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Bio-based Acrylic Acid, with price, sales quantity, revenue, and global market share of Bio-based Acrylic Acid from 2021 to 2026.

Chapter 3, the Bio-based Acrylic Acid competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Bio-based Acrylic Acid breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Bio-based Acrylic Acid market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Bio-based Acrylic Acid.

Chapter 14 and 15, to describe Bio-based Acrylic Acid sales channel, distributors, customers, research findings and conclusion.

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