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Global Bio-based Acrylic Acid Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Bio-based Acrylic Acid market size is expected to reach $ million by 2032, rising at a market growth of %CAGR during the forecast period (2026-2032).

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 studies the global Bio-based Acrylic Acid production, demand, key manufacturers, and key regions.

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This report is a detailed and comprehensive analysis of the world market for Bio-based Acrylic Acid and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Bio-based Acrylic Acid that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Bio-based Acrylic Acid total production and demand, 2021-2032, (K MT)

Global Bio-based Acrylic Acid total production value, 2021-2032, (USD Million)

Global Bio-based Acrylic Acid production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K MT), (based on production site)

Global Bio-based Acrylic Acid consumption by region & country, CAGR, 2021-2032 & (K MT)

U.S. VS China: Bio-based Acrylic Acid domestic production, consumption, key domestic manufacturers and share

Global Bio-based Acrylic Acid production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K MT)

Global Bio-based Acrylic Acid production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K MT)

Global Bio-based Acrylic Acid production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K MT)

This report profiles key players in the global Bio-based Acrylic Acid market based on the following parameters - company overview, production, value, 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.

Stakeholders would have ease in decision-making through various strategy matrices

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used in analyzing the World Bio-based Acrylic Acid market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (K MT) and average price (USD/MT) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Bio-based Acrylic Acid Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Bio-based Acrylic Acid Market, Segmentation by Type:

Purity (Below 99%)

Purity (Above 99%)

Global Bio-based Acrylic Acid Market, Segmentation by Application:

Super Absorbent Polymers

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Coating

Polyacrylic Acid Polymers

Other

Companies Profiled:

BASF

DuPont

Arkema

LG Chem

Hexion

Key Questions Answered:

1. How big is the global Bio-based Acrylic Acid market?
2. What is the demand of the global Bio-based Acrylic Acid market?
3. What is the year over year growth of the global Bio-based Acrylic Acid market?
4. What is the production and production value of the global Bio-based Acrylic Acid market?
5. Who are the key producers in the global Bio-based Acrylic Acid market?
6. What are the growth factors driving the market demand?

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Figure 53. Research Process and Data Source

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