

Acrylic Acid Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Derivative Type (Acrylic Esters, Acrylic Polymers, Ammonium Polyacrylate, Cyanopolyacrylate), By Application (Surface Coatings, Adhesives & Sealants, Diapers, Plastic Additives, Water Treatment, Thickeners, Dispersants, Others) By Region, and Competition

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Abstracts

Global Acrylic Acid Market is projected to grow at an impressive rate through 2028 due to the increasing demand from the construction industry. Building an advanced industrial plant in Manchester costs USD 2,250 per square meter

Acrylic acid is a basic component of chemicals and is derived from propylene. Acrylic acid serves as a precursor for various industrial products, including coatings, adhesives, sealants, dispersants, and thickeners that are utilized in various sectors, including construction, automotive, building, telecommunication, and consumer goods. The commercialization of bio-based acrylic acid would boost the acrylic acid business and fend off government concerns about environmental protection.

Derivatives made from basic renewable materials would reduce our reliance on fossil fuels. The cost of manufacturing acrylic acid would experience a price correction because of the proper balancing of supply and demand because renewable raw derivative types are less expensive than resources derived from fossil fuels. Additionally, bio-based acrylic acid reduces the adverse impacts of acrylic acid on the environment, removing the restriction on utilizing acrylic acid concentrations following

regulatory organizations' requirements. This element gives businesses the means to utilize acrylic acid as needed. The market for acrylic acid in places like North America and Europe, where government regulations constrain market development, has a significant growth opportunity due to bio-based acrylic acid. In 2022, the birth rate was 17.668 for every 1,000 people worldwide, which contributed to a lucrative demand for diapers.

Growing Demand for Water Treatment

The treatment of wastewater is a significant issue worldwide. Industries expand along with population growth, posing environmental challenges and health risks. Therefore, it is in the best interests of scientists and engineers to create materials and techniques to reduce environmental pollution. The process of flocculation is crucial to wastewater treatment. The level of treated water quality indicators, a measure of wastewater treatment effectiveness, is reflected by the physical and chemical characteristics of flocculants based on poly (acrylamide-co-acrylic acid) produced by electron beam irradiation.

Growing Demand from Construction Industry

Acrylates give polymers various desirable qualities such as clarity, color stability, aging resistance, and heat resistance, in addition to outstanding weather ability, which increases product demand in the paint and adhesives industries. In addition, the glass transition temperature of acrylate ester, which allows the created polymer to be softer and more flexible rather than rigid and brittle, is an important property. Thus, acrylic acid is mostly utilized to create polymers for various plastic goods. Additionally, it can be used to make surfactants, adhesives, and sealants. The acrylic acid market's derivative, application, and geographic segments are separated. Methyl acrylate, butyl acrylate, ethyl acrylate, 2-Ethylhexyl acrylate, glacial acrylic acid, and superabsorbent polymers are the derivatives into which the market is divided.

Recent Developments

In August 2021, BASF and SINOPEC announced plans to expand their Verbund site, managed by BASF-YPC Co. Ltd., a 50% share-owned joint venture of both BASF and SINOPEC in Nanjing, China. The capacity of several downstream chemical plants is being increased, and a new tert-Butyl acrylate factory is being built to meet the rising Chinese market.

Market Segmentation

Global Acrylic Acid market is segmented by derivative type and application. Based on derivative type, the market is divided into Acrylic Esters (Ethyl Acrylate, Methyl Acrylate, Butyl Acrylate, 2-Ethyhexyl Acrylate), Acrylic Polymers (Super Absorbent Polymers, Acrylic Elastomers, Water Treatment Polymers), Ammonium Polyacrylate, Cyanopolyacrylate. Based on application, the market is segmented into surface coatings, adhesives & sealants, diapers, plastic additives, water treatment, thickeners, dispersants, others.

Market players

BASF SE, Arkema SA, The Lubrizol Corporation, LG Chem Ltd., NIPPON SHOKUBAI CO., LTD, Evonik Industries AG, Dow Chemical Company, SunVic Chemical Holdings Limited, Hexion Inc., and Shanghai Huayi Acrylic Acid Co. Ltd are some of the key market players.

Report Scope:

In this report, Global Acrylic Acid Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Acrylic Acid Market, By Derivative Type:

Acrylic Esters (Ethyl Acrylate, Methyl Acrylate, Butyl Acrylate, 2-Ethyhexyl Acrylate)

Acrylic Polymers (Super Absorbent Polymers, Acrylic Elastomers, Water Treatment Polymers)

Ammonium Polyacrylate

Cyanopolyacrylate

Acrylic Acid Market, By Application Type:

Surface Coatings

Adhesives & Sealants

Diapers

Plastic Additives

Water Treatment

Thickeners

Dispersants

Others

Acrylic Acid Market, By Region:

North America

United States

Canada

Mexico

Europe

France

Germany

United Kingdom

Italy

Spain

Asia-Pacific

China

India

Japan

South Korea

Australia

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Turkey

Egypt

Competitive Landscape

Company Profiles: Detailed analysis of the major companies in Global Acrylic Acid Market.

Available Customizations:

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

Company Information

Detailed analysis and profiling of additional market players (up to five).

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