



## Market Analytics: Acrylic Acid and SAP - 2019

**Market Analytics: Acrylic Acid and Super Absorbent Polymer - 2019** is one in a series of reports published as part of Nexant's Markets & Profitability program.

This report provides an in-depth analysis of the global acrylic acid and super absorbent polymers market.

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Along with the written report, Nexant's Online Database includes supply, demand and trade analysis for 40 countries and global capacity listings updated on a monthly basis.

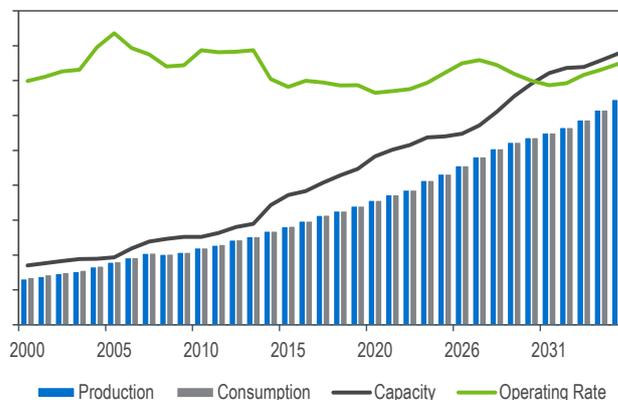
### Report Abstract:

Acrylic acid and its derivative esters are among the most versatile monomers for providing performance properties to a wide variety of polymers.

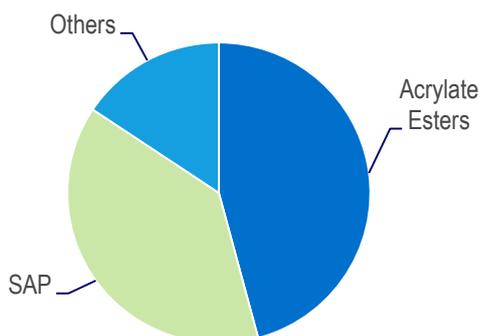
Global acrylic acid capacity was estimated at just under 8.5 million tons in 2018; with capacity expected to increase by 1.2 million tons per year by 2021. In 2018 capacity development was focused in Western Europe and Asia Pacific to fulfil the growing requirement of acrylic acid into derivative markets.

Acrylate esters is the leading consumer of acrylic acid globally. The acrylate esters market can be divided into two main categories; commodity acrylates and specialty acrylates. Butyl acrylate has the largest demand volumes with demand driven mainly by coating applications, adhesives and resin modifiers.

**Global Acrylic Acid Supply, Demand and Trade**  
million tons



**Global Acrylic Acid Demand, 2018**



However, super absorbent polymers present the strongest demand growth for acrylic acid. Most super absorbent polymers is based on sodium polyacrylate. Demand for super absorbent polymer is heavily influenced by consumption into hygiene items which mainly consists of diapers, sanitary items and incontinence pads. Demand for these finished products is heavily influenced by birth rates, ageing populations, disposable income and consumer trends. Super absorbent polymer consumption into diapers accounts for nearly 75 percent of consumption globally in 2018. Growth for super absorbent polymer consumption into diapers will be strongest in regions where diaper penetration is currently low, regions where GDP is increasing, and regions with expected high birth rates. The global share of the diaper end-use is expected to fall slightly during the forecast period due to growth in other end-uses, in particular adult incontinence products, and also slowing birth rates.

Super absorbent polymers are manufactured by a handful of global players. In 2018, the top ten super absorbent polymer producers accounted for nearly 90 percent of global capacity.

Super absorbent polymer is a specialised product and technology for its production has historically been tightly held which enables some control over the market. Super absorbent polymer has historically been manufactured by a handful of global players; who tend to develop capacity in their own countries, which gives them control over quality and protection for their proprietary technology. However, there are now a number of smaller Chinese suppliers who have developed their own technology and are focused on the domestic market.

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- A. Methodology
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- Chapters 3 and 4 are segmented by key geographic region:
- North America
  - South America
  - Western Europe
  - Central Europe
  - Eastern Europe
  - Middle East
  - Africa
  - Asia Pacific

Each region/country is further segmented by:

- **Consumption:** Assesses historic and forecast consumption; forecasts are based on projections of end use and economic activity.
- **Supply:** Includes a list of all producers, their production capacity, location, etc., and discussion of the status of new projects.
- **Supply, Demand and Trade:** Provides historical analysis and forecasts to 2035 of consumption, production, imports/exports, inventory build-up/decline, capacity and capacity utilization.

This analysis will identify the issues shaping the industry, as well as provide an independent appraisal of the market.

For analysis on acrylates esters, please refer to our new report:

**Market Insights: Acrylate Esters – 2018**

## Subscription Details:

Subscription to **Market Analytics: Acrylic Acid and Super Absorbent - 2019** includes:

- 12 month access via the Nexant website, to:
    - Unlimited downloads of PDF reports
    - Downloadable data in Excel from the Online Database
  - Webinar
  - Consultation time with the project team
- Customized subscriptions are available

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The **Markets and Profitability** program comprises of the well-known Petroleum and Petrochemical Economics (PPE), PolyOlefins Planning Service (POPS), Strategic Business Analysis (SBA) and World Gas Analytics (WGAS).

Markets and Profitability tracks over 60 feedstocks, petrochemicals, polymers, chemical intermediates and fertilizers on an ongoing basis and provides regularly updated reports covering all commercial aspects of these global industries. The accompanying database, provides global analysis and forecasts in two major inter-related areas: **Markets and Profitability**.

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