

# Global Semiconductor Etchants Market Research Report 2022 Professional Edition

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## Abstracts

The global Semiconductor Etchants market was valued at 1529.32 Million USD in 2021 and will grow with a CAGR of 6.39% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Semiconductor Etchant is an electronic chemical used in etching in semiconductor manufacturing. In the electronics industry, the etching solution chemicals are varied depending on the material to be etched. For example, to perform etching of silicon (Si), a mixture of Dry Etching Agent (electronic grade) and nitric acid (electronic grade) is used. Other compounds are also added in the mixture to control the etch rate, the etch selectivity (ratio of etch rate of different materials), and the etch anisotropy (ratio of etch rate in the direction perpendicular to the surface to the etch rate in the direction parallel to the surface). The optimal etchant composition depends on the substrate and resist materials as well as the etching method. Global Semiconductor Etchants key players include BASF, Stella Chemifa, Soulbrain, KMG Chemicals, Formosa Daikin Advanced Chemicals, etc. Global top 5 manufacturers hold a share over 28%. Asia-Pacific is the largest market, with a share about 63%, followed by Europe, and North America, both have a share about 32 percent. In terms of product, Wet Etching Agent is the largest segment, with a share over 82%. And in terms of application, the largest application is Integrated Circuit, followed by Solar Energy, Monitor Panel, Others.

**By Market Verdors:**

BASF

Stella Chemifa

Soulbrain

KMG Chemicals

Formosa Daikin Advanced Chemicals

Avantor

Zhejiang Morita New Materials

Honeywell

Mitsubishi Chemical

Do-Fluoride Chemicals Co., Ltd

Zhejiang Kaisn Fluorochemical

Jiangyin Runma

Jiangyin Jianghua Microelectronics Materials

Fujian Shaowu Yongfei Chemical

Nagase ChemteX Corporation

**By Types:**

Wet Etching Agent

Dry Etching Agent

**By Applications:**

Integrated Circuit

Solar Energy

Monitor Panel

Key Indicators Analysed

**Market Players & Competitor Analysis:** The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

**Global and Regional Market Analysis:** The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

**Market Trends:** Market key trends which include Increased Competition and Continuous Innovations.

**Opportunities and Drivers:** Identifying the Growing Demands and New Technology

**Porters Five Force Analysis:** The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its

impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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