

Global Gold Etchant Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GE2F4ADE24B3EN.html>

Date: January 2024

Pages: 94

Price: US\$ 3,480.00 (Single User License)

ID: GE2F4ADE24B3EN

Abstracts

According to our (Global Info Research) latest study, the global Gold Etchant market size was valued at USD 15 million in 2023 and is forecast to a readjusted size of USD 18 million by 2030 with a CAGR of 1.9% during review period.

Gold Etchants are etching solutions designed specifically for etching thin films of gold in the fabrication of semiconductor devices and thin film microelectronics. The solutions are based on potassium iodide and iodine (KI/I₂) chemistry and do not contain cyanide. They are compatible with both positive and negative photoresist materials, giving controllable line definition.

In the global market, the core manufacturers of Gold Etchant in the global market are mainly Transene, Jiangyin Jianghua Micro, Zhejiang Shangneng, Zhejiang Runma? ect. The top two companies in this industry occupy more than 55% of the market share. North America, Europe, China, Japan and other regions are the main production areas of the product, of which North America and China both accounted for about 40% of the global market share. The product can be divided according to the materials of the product into iodine series and nitric acid two gold etching solution and is widely used in the optoelectronic industry, microelectronic circuits and other industries.

The Global Info Research report includes an overview of the development of the Gold Etchant industry chain, the market status of Optoelectronics Industry (Iodine Series, Nitric Acid), Microelectronic Circuits (Iodine Series, Nitric Acid), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Gold Etchant.

Regionally, the report analyzes the Gold Etchant markets in key regions. North America

and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Gold Etchant market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Gold Etchant market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Gold Etchant industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Liters), revenue generated, and market share of different by Materials (e.g., Iodine Series, Nitric Acid).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Gold Etchant market.

Regional Analysis: The report involves examining the Gold Etchant market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Gold Etchant market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Gold Etchant:

Company Analysis: Report covers individual Gold Etchant manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and

attitudes towards Gold Etchant This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Optoelectronics Industry, Microelectronic Circuits).

Technology Analysis: Report covers specific technologies relevant to Gold Etchant. It assesses the current state, advancements, and potential future developments in Gold Etchant areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Gold Etchant market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Gold Etchant market is split by Materials and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Materials, and by Application in terms of volume and value.

Market segment by Materials

Iodine Series

Nitric Acid

Market segment by Application

Optoelectronics Industry

Microelectronic Circuits

Major players covered

Transene

Kanto Chemical

Technic

NB Technologies

Chemleader

Solexir

Jiangyin Jianghua Microelectronics Materials

Runma Chemical

Zhejiang Shangneng Industrial

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)

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 Gold Etchant product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Gold Etchant, with price, sales, revenue and global market share of Gold Etchant from 2019 to 2024.

Chapter 3, the Gold Etchant competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Gold Etchant breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Materials and application, with sales market share and growth rate by materials, application, from 2019 to 2030.

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 2017 to 2023. and Gold Etchant market forecast, by regions, materials and application, with sales and revenue, from 2025 to 2030.

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 Gold Etchant.

Chapter 14 and 15, to describe Gold Etchant sales channel, distributors, customers, research findings and conclusion.

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