

Global Fluorine-Containing Cleaning and Etching Gas Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Fluorine-Containing Cleaning and Etching Gas market size was valued at US\$ 2009 million in 2024 and is forecast to a readjusted size of USD 3277 million by 2031 with a CAGR of 7.3% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Fluorine-containing gases refer to gases containing fluorine elements, mainly including nitrogen trifluoride, tetrafluoromethane, etc. Due to the characteristics of high purity, high reliability and high stability, these gases are widely used in high-tech industries such as integrated circuits, display panels and other fields.

This report is a detailed and comprehensive analysis for global Fluorine-Containing Cleaning and Etching Gas market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Fluorine-Containing Cleaning and Etching Gas market size and forecasts, in

Global Fluorine-Containing Cleaning and Etching Gas Market 2025 by Manufacturers, Regions, Type and Applicatio...

consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Fluorine-Containing Cleaning and Etching Gas market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Fluorine-Containing Cleaning and Etching Gas market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Fluorine-Containing Cleaning and Etching Gas market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Fluorine-Containing Cleaning and Etching Gas
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Fluorine-Containing Cleaning and Etching Gas market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SK Materials, Kanto Denka Kogyo, Resonac, Linde Group, Peric, Hyosung, Taiyo Nippon Sanso, Merck KGaA, Mitsui Chemical, Central Glass, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Fluorine-Containing Cleaning and Etching Gas market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

NF3

CF4

SF6

Others

Market segment by Application

Integrated Circuits

Display Panels

Others

Major players covered

SK Materials

Kanto Denka Kogyo

Resonac

Linde Group

Peric

Hyosung

Taiyo Nippon Sanso

Merck KGaA

Mitsui Chemical

Central Glass

Haohua Chemical Science & Technology

Shandong FeiYuan

Messer Group

Air Liquide

Huate Gas

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 Fluorine-Containing Cleaning and Etching Gas product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Fluorine-Containing Cleaning and Etching Gas, with price, sales quantity, revenue, and global market share of Fluorine-Containing Cleaning and Etching Gas from 2020 to 2025.

Chapter 3, the Fluorine-Containing Cleaning and Etching Gas competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Fluorine-Containing Cleaning and Etching Gas breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Fluorine-Containing Cleaning and Etching Gas market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Fluorine-Containing Cleaning and Etching Gas.

Chapter 14 and 15, to describe Fluorine-Containing Cleaning and Etching Gas sales channel, distributors, customers, research findings and conclusion.

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