

Global Nitrogen Trifluoride (NF3) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

This report studies the Nitrogen Trifluoride (NF3) (MCP-1381) market, Nitrogen trifluoride is the inorganic compound with the formula NF3. This nitrogen-fluorine compound is a colorless, odorless, nonflammable gas.

According to our (Global Info Research) latest study, the global Nitrogen Trifluoride (NF3) market size was valued at US\$ 1463 million in 2023 and is forecast to a readjusted size of USD 2793 million by 2030 with a CAGR of 9.8% during review period.

SK Materials and Hyosung are the top 2 manufacturers of nitrogen trifluoride (NF3) (MCP-1381) globally and account for over 30% of total market share. Geographically speaking, China holds about 40% of global markets share, followed by South Korea with about 30% share. In terms of manufacturing method, about 90% of global nitrogen trifluoride (NF3) (MCP-1381) yield are made through electrolyzing synthesis. In terms of application, over half of nitrogen trifluoride (NF3) (MCP-1381) yield are for semiconductor chips production use.

This report is a detailed and comprehensive analysis for global Nitrogen Trifluoride (NF3) 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 2024, are provided.

Key Features:

Global Nitrogen Trifluoride (NF3) market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (K USD/Ton), 2019-2030

Global Nitrogen Trifluoride (NF3) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (K USD/Ton), 2019-2030

Global Nitrogen Trifluoride (NF3) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (K USD/Ton), 2019-2030

Global Nitrogen Trifluoride (NF3) market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (K USD/Ton), 2019-2024

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 Nitrogen Trifluoride (NF3)

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 Nitrogen Trifluoride (NF3) 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, Hyosung, Kanto Denka Kogyo, Merck (Versum Materials), PERIC, Mitsui Chemical, ChemChina, Shandong FeiYuan, etc.

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

Market Segmentation

Nitrogen Trifluoride (NF3) market is split by Type and by Application. For the period 2019-2030, 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

Chemical Synthesis

Electrolyzing Synthesis

Market segment by Application

Semiconductor Chips

Flat Panel Display

Solar Cells

Major players covered

SK Materials

Hyosung

Kanto Denka Kogyo

Merck (Versum Materials)

PERIC

Mitsui Chemical

ChemChina

Shandong FeiYuan

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 Nitrogen Trifluoride (NF3) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Nitrogen Trifluoride (NF3), with price, sales quantity, revenue, and global market share of Nitrogen Trifluoride (NF3) from 2019 to 2024.

Chapter 3, the Nitrogen Trifluoride (NF3) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Nitrogen Trifluoride (NF3) 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 Type and by Application, with sales market share and growth rate by Type, by 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 2019 to 2024. and Nitrogen Trifluoride (NF3) market forecast, by regions, by Type, and by 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 Nitrogen Trifluoride (NF₃).

Chapter 14 and 15, to describe Nitrogen Trifluoride (NF₃) sales channel, distributors, customers, research findings and conclusion.

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