

Global Nitrogen Trifluoride (NF3) (MCP-1381) Market Growth 2025-2031

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Abstracts

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The global Nitrogen Trifluoride (NF3) (MCP-1381) market size is predicted to grow from US\$ 1809 million in 2025 to US\$ 3822 million in 2031; it is expected to grow at a CAGR of 13.3% from 2025 to 2031.

Nitrogen trifluoride is the inorganic compound with the formula NF₃. This nitrogen-fluorine compound is a colorless, odorless, nonflammable gas.

Global Nitrogen Trifluoride (NF3) (MCP-1381) key players include SK Materials, Hyosung, Kanto Denka Kogyo, etc. Global top three manufacturers hold a share about 45%.

China is the largest market, with a share about 40%, followed by Japan, and South Korea, both have a share over 45 percent.

In terms of product, Electrolyzing Synthesis is the largest segment, with a share nearly 90%. And in terms of application, the largest application is Semiconductor Chips, followed by Flat Panel Display, Solar Cells.

LP Information, Inc. (LPI) ' newest research report, the "Nitrogen Trifluoride (NF3) (MCP-1381) Industry Forecast" looks at past sales and reviews total world Nitrogen Trifluoride (NF3) (MCP-1381) sales in 2024, providing a comprehensive analysis by region and market sector of projected Nitrogen Trifluoride (NF3) (MCP-1381) sales for 2025 through 2031. With Nitrogen Trifluoride (NF3) (MCP-1381) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$

millions of the world Nitrogen Trifluoride (NF3) (MCP-1381) industry.

This Insight Report provides a comprehensive analysis of the global Nitrogen Trifluoride (NF3) (MCP-1381) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Nitrogen Trifluoride (NF3) (MCP-1381) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Nitrogen Trifluoride (NF3) (MCP-1381) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Nitrogen Trifluoride (NF3) (MCP-1381) and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Nitrogen Trifluoride (NF3) (MCP-1381).

This report presents a comprehensive overview, market shares, and growth opportunities of Nitrogen Trifluoride (NF3) (MCP-1381) market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Chemical Synthesis

Electrolyzing Synthesis

Segmentation by Application:

Semiconductor Chips

Flat Panel Display

Solar Cells

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

SK Materials

Hyosung

Kanto Denka Kogyo

Versum Materials

PERIC

Mitsui Chemical

Liming Research Institute of Chemical Industry

Shandong FeiYuan technology

Central Glass

Key Questions Addressed in this Report

What is the 10-year outlook for the global Nitrogen Trifluoride (NF₃) (MCP-1381) market?

What factors are driving Nitrogen Trifluoride (NF3) (MCP-1381) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Nitrogen Trifluoride (NF3) (MCP-1381) market opportunities vary by end market size?

How does Nitrogen Trifluoride (NF3) (MCP-1381) break out by Type, by Application?

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