

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

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Abstracts

According to our (Global Info Research) latest study, the global Hexafluorobutadiene market size was valued at USD 291.5 million in 2023 and is forecast to a readjusted size of USD 902.1 million by 2030 with a CAGR of 17.5% during review period.

Hexafluorobutadiene, also known as perfluorobutadiene, referred to as HFBD, has a molecular formula of C₄F₆. Hexafluorobutadiene is an important monomer for synthetic resins and fluorine-containing substances. It can also be used as an etching gas in the semiconductor industry. It has the advantages of good selectivity and high precision.

Global top five manufacturers of Hexafluorobutadiene occupied for a share nearly 60%, key players are Linde, Kanto Denka Kogyo, Air Liquide, Taiyo Nippon Sanso and SK Material, etc. China is the largest production region, has a share about 45%, followed by Japan and North America, with share about 14% and 8%, separately. In terms of product type, above 4N is the largest market segment, occupied for a share of about 45%. In terms of product application, Hexafluorobutadiene is mainly used in LOGIC, with a market share of about 55%, followed by DRAM and 3D NAND.

The Global Info Research report includes an overview of the development of the Hexafluorobutadiene industry chain, the market status of LOGIC (Above 3N, Above 4N), DRAM (Above 3N, Above 4N), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Hexafluorobutadiene.

Regionally, the report analyzes the Hexafluorobutadiene 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 Hexafluorobutadiene market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Hexafluorobutadiene 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 Hexafluorobutadiene 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 (Tons), revenue generated, and market share of different by Type (e.g., Above 3N, Above 4N).

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 Hexafluorobutadiene market.

Regional Analysis: The report involves examining the Hexafluorobutadiene 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 Hexafluorobutadiene market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Hexafluorobutadiene:

Company Analysis: Report covers individual Hexafluorobutadiene 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 Hexafluorobutadiene. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (LOGIC, DRAM).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Hexafluorobutadiene 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

Hexafluorobutadiene 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.

Market segment by Type

Above 3N

Above 4N

Others

Market segment by Application

LOGIC

DRAM

3D NAND

Others

Major players covered

Linde

Kanto Denka Kogyo

Air Liquide

Taiyo Nippon Sanso

SK Material

FOOSUNG

Merck Group

Showa Denko

Solvay

Grandit Co.,Ltd.

Sinochem Lantian

Ling Gas

TEMC

Peric Special Gases

Ingentec Corporation

Yuji Tech

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 Hexafluorobutadiene product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Hexafluorobutadiene 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 application, with sales market share and growth rate by type, 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 Hexafluorobutadiene market forecast, by regions, type 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 Hexafluorobutadiene.

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

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