

Global Sulfur Hexafluoride Market Size study, by Product (Electronic, UHP, Standard), By Application (Power & Energy, Medical, Metal Manufacturing, Electronics, Others) and Regional Forecasts 2022-2028

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Abstracts

Global Sulfur Hexafluoride Market is valued approximately USD 245.39 million in 2021 and is anticipated to grow with a healthy growth rate of more than 6.0% over the forecast period 2022-2028. Sulfur hexafluoride (SF₆) is used in non-invasive procedures such as echocardiograms to investigate and determine the true origin and location of illness. As a result of the expansion of lifestyle and chronic sickness in developed countries, the healthcare sector is increasing. Higher income, more government spending on healthcare, and a rising population are driving the rise of the healthcare business in emerging markets, raising demand for sulphur hexafluoride. Global demand for electronics and electricity industries is increasing dramatically. In recent years, the consumer goods, computer, and telecommunications sectors have seen tremendous growth. Demand for electronic and electric items such as solar semiconductors, panels, power equipment, and switchgear is expected to grow throughout the forecast period, boosting demand for sulphur hexafluoride. The building of energy infrastructure by different governments in various emerging countries is also linked to market growth. Sulfur hexafluoride is environmentally hazardous since it leads to global warming. Even though, sulphur hexafluoride's insolubility is less detrimental to the environment, it is predicted to be the primary limitation on worldwide sulphur hexafluoride demand non the future. Global market participants are increasing their product lines and distribution networks. Furthermore, market initiatives such as joint ventures, collaborations, new product development, partnerships, and agreements are likely to provide growth opportunities for the market's top product firms throughout the projection period. DUAL-ADE inc., a Canadian manufacturer of custom-designed

switches, and nuventura GmbH, a German research centre developing next-generation Gasoline Insulated Switchgear (GIS) technology, announced a partnership agreement in November 2021. The agreement will enable DUAL-ADE to deploy a revolutionary SF6-free medium voltage GIS, branded Gasuo™, to assist North American utilities in more reliably achieving their energy transition targets. KNW announced the completion of their acquisition of Solvay Korea in August 2021. KNW has obtained enterprises in fluorine (F2) and sulphur hexafluoride as a result of the purchase (SF6). Solvay's Korean unit provides chemicals to multinational foundry companies. The high cost of Sulfur Hexafluoride, on the other hand, stifles market expansion over the projection period of 2022-2028.

The key regions considered for the Global Sulfur Hexafluoride Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Central and South America (CSA) is expected to develop at fastest CAGR during the projected period due to increased industrial activity in the area. Infrastructure development, combined with rising urbanization, is driving up demand for electrical equipment, which in turn is driving up demand for sulphur hexafluoride.

Major market player included in this report are:

Advanced Specialty Gases

Honeywell International

Showa Denko K.K

Matheson Tri-Gas, Inc

Air Products and Chemicals Inc

Air Liquide S.A.

Praxair Technology, Inc

Solvay

AGC Chemicals

Kanto Denka Kogyo Co.Ltd.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Electronic Grade

UHP Grade

Standard Grade

By Application:

Power & Energy

Medical

Metal Manufacturing

Electronics

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Sulfur Hexafluoride Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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