

Fluorochemicals Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global fluorochemicals market size reached US\$ 23.1 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 31.0 Billion by 2028, exhibiting a growth rate (CAGR) of 4.9% during 2023-2028.

Fluorochemicals are chemical compounds comprising fluorine and providing effective repellency against both aqueous and oil-based substances. They help remove water, soil, and oil particles from metals, papers, carpets, and fabrics. They also assist in making abrasion, chemical, and fire-resistant polymers that are utilized in non-stick cookware, grease-wicking pizza boxes, airplane hydraulic fluid, and breathable rain jackets. Apart from this, they are used as additives in lubricants for recording media, firearms, conveyor chains, and combustion engines. Presently, they find extensive applications in electronics, petrochemical, agrochemical, construction, personal care, and pharmaceutical industries across the globe.

Fluorochemicals Market Trends:

Due to the increasing plasma etching in semiconductors and light bulbs to enhance their chemical and physical properties, there is a rise in the demand for fluorochemicals. This, along with their growing utilization in producing flat display panels and plastics, such as polytetrafluoroethylene (PTFE), represents one of the key factors driving the market. Moreover, there is an increase in the demand for heating, ventilation, and air conditioning (HVAC) technology in the construction industry around the world. This, coupled with the rising construction activities, is propelling the growth of the market.

Apart from this, the escalating demand for refrigeration in the food and beverage (F&B) industry for convenient storage of food products is positively influencing the market. Additionally, fluorochemicals are used as anesthetics, antidepressants, antifungals and antibiotics, antacids, cholesterol-lowering agents, and steroids. In line with this, the increasing employment of fluorochemicals in the healthcare industry for medical implants due to their high biocompatibility is offering lucrative growth opportunities to industry investors. Apart from this, the rising application of aluminum in the automotive industry is catalyzing the demand for fluorochemicals worldwide.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global fluorochemicals market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, application and end use.

Breakup by Type:

Fluorocarbons

Fluoroelastomers

Fluoropolymers

Inorganics

Others

Breakup by Application:

Surfactants

Propellants

Aluminum Production

Refrigerant

Automobile

Agrochemicals

Others

Breakup by End Use:

Electrical and Electronics

Petrochemicals

Chemicals

Aerospace

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being 3M Company, AGC Inc., Arkema S.A., Daikin Industries Ltd., DIC Corporation, Dynax Corporation, Gujarat Fluorochemicals Limited, Halocarbon Products Corporation, Honeywell International Inc., Maflon S.p.a., Pelchem SOC Ltd (Necsa Soc Ltd), Solvay S.A., SRF Limited and The Chemours Company.

Key Questions Answered in This Report

1. How big is the global fluorochemicals market?

2. What is the expected growth rate of the global fluorochemicals market during 2023-2028?
3. What are the key factors driving the global fluorochemicals market?
4. What has been the impact of COVID-19 on the global fluorochemicals market?
5. What is the breakup of the global fluorochemicals market based on the type?
6. What is the breakup of the global fluorochemicals market based on the application?
7. What are the key regions in the global fluorochemicals market?
8. Who are the key players/companies in the global fluorochemicals market?

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