

Global Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent market size was valued at US\$ 24.6 million in 2024 and is forecast to a readjusted size of USD 35.3 million by 2031 with a CAGR of 5.4% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Environmentally friendly fluoroprotein foam fire extinguishing agent is an environmentally friendly fire extinguishing product specially designed for extinguishing liquid fires, such as oil, chemical and fuel fires. Its main ingredients include fluorinated surfactants and protein hydrolysates, which can quickly form an isolation foam layer on the fire surface, block the oxygen supply, suppress combustible vapors, and achieve effective fire extinguishing effects. This fire extinguishing agent has high environmental protection and strong decomposition properties. It is suitable for industrial facilities with high environmental protection requirements, including oil depots, chemical plants and airports. At the same time, it can maintain fire extinguishing effects at lower concentrations, reducing usage and environmental impact.

The environmentally friendly fluoroprotein foam fire extinguishing agent market benefits from the increasing environmental awareness and the demand for low-toxic and low-pollution fire extinguishing agents. This type of foam fire extinguishing agent has both

rapid fire extinguishing and environmental protection characteristics, and is mainly used in high-risk industries such as petrochemicals, chemicals, and oil and gas storage. As the global requirements for sustainable development become increasingly stringent, the market is expected to usher in significant growth. The research and development of innovative products will further promote market expansion, especially products that meet multiple environmental standards, which are expected to become the focus of future market competition.

This report is a detailed and comprehensive analysis for global Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent 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 2025, are provided.

Key Features:

Global Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2020-2025

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 Environmentally Friendly Fluoroprotein Foam Fire

Extinguishing Agent

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 Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent 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 Hatsuta Seisakusho, BIO EX, Tyco Fire Protection Products, Amerex Corporation, National Foam, Perimeter Solutions, DIC, Suolong Fire, Dafo Fomtec, Fire Service Plus, etc.

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

Market Segmentation

Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent market is split by Type and by Application. For the period 2020-2031, 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

3%FP

6%FP

Market segment by Application

Oil

Chemicals

Others

Major players covered

Hatsuta Seisakusho

BIO EX

Tyco Fire Protection Products

Amerex Corporation

National Foam

Perimeter Solutions

DIC

Suolong Fire

Dafo Fomtec

Fire Service Plus

Dr. Richard Sthamer

Angus Fire

Buckeye Fire Equipment

Foamtech Antifire

KV Fire

Chambroad Sinopoly New Materials

Xinxiao Fire Equipment

Jiangya Fire Technology

Zhongansheng Fire Technology

Qiangdun Fire Equipment

Suolong Fire Technology

Tie'an Fire Protection Technology

Anquan Fire Protection Technology

Jinruiheng Fire Technology

Xiangheng Fire Agent

Xiaodun Fire

Ruigang Fire Safety Technology

Water Power Fire Control

Langchao Fire Technology

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 Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent, with price, sales quantity, revenue, and global market share of Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent from 2020 to 2025.

Chapter 3, the Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent.

Chapter 14 and 15, to describe Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent sales channel, distributors, customers, research findings and conclusion.

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Figure 52. Asia-Pacific Environmentally Friendly Fluoroprotein Foam Fire Extinguishing Agent Consumption Value Market Share by Region (2020-2031)

Figure 53. China Environmentally Friendly Fluoro

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