

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

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Abstracts

The global firefighting foam market size reached US\$ 901 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1,167 Million by 2028, exhibiting a growth rate (CAGR) of 4.4% during 2022-2028.

Firefighting foam is a stable mass of tiny air-filled bubbles with low density. It creates a durable foam blanket, spreads above the fuel, and adheres to different surfaces for preventing the contact of fire with oxygen. Unlike other extinguishing agents like dry chemical, water, and carbon dioxide (CO₂), firefighting foam extinguishes flammable and combustible liquids by cooling and separating the flame from the product surface and suppressing vapors and smothering. As a result, it is widely preferred in areas wherein flammable liquids are transported, processed, stored, and used as energy sources.

Firefighting Foam Market Trends:

Oil and gas facilities have marine vessels, bulk fuel storage tanks, and floating production storage and offloading (FPSO). These facilities are usually equipped with onboard fire suppression systems to minimize fire safety issues and the likelihood of high hazards. This, in confluence with the escalating demand for energy on account of rapid urbanization and increasing reliance on electronics, represents one of the key factors promoting the adoption of firefighting foams worldwide to extinguish the fire quickly and provide an excellent burn back resistance. Moreover, on account of growing environmental concerns, governing agencies of numerous countries are focusing on replacing perfluorinated chemicals used in firefighting foam of marine naval with eco-friendly alternatives. As these chemicals contaminate ground drinking water, the leading market participants are launching fluorine-free foam concentrates with minimum impact on the water. Apart from this, aircraft, airports, and helidecks are faced with the risk of hydrocarbon fires. This, along with the rising volume of passenger traffic across the

globe, is positively influencing the application of firefighting foams in aircraft fire protection systems to comply with the strict environmental and safety standards.

Key Market Segmentation:

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

Breakup by Type:

Aqueous Film Forming Foam (AFFF)

Alcohol Resistant Aqueous Film Forming Foam (AR-AFFF)

Protein Foam

Synthetic Detergent Foam (High and Mid Expansion Foam)

Others

Breakup by End Use Industry:

Oil and Gas

Aviation

Marine

Mining

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 Angus Fire Limited, Dafo Fomtec Ab, DIC Corporation, Eau&Feu, Fabrik chemischer Pr?parate von Dr.Richard Sthamer GmbH & Co. KG, Johnson Controls International Plc, Kerr Fire (Kidde plc), KV Fire Chemicals Pvt. Ltd., National Foam Inc., Perimeter Solutions and SFFECO Global.

Key Questions Answered in This Report

1. What was the size of the global firefighting foam market in 2022?
2. What is the expected growth rate of the global firefighting foam market during 2023-2028?
3. What are the key factors driving the global firefighting foam market?
4. What has been the impact of COVID-19 on the global firefighting foam market?
5. What is the breakup of the global firefighting foam market based on the type?
6. What is the breakup of the global firefighting foam market based on the end use industry?
7. What are the key regions in the global firefighting foam market?
8. Who are the key players/companies in the global firefighting foam market?

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