

# **North America Flame Retardants Market Forecast to 2031 - Regional Analysis - by Type [Halogenated (Bromine-Based and Chlorine-Based) and Halogen-Free (Phosphorus-Based, Aluminum Hydroxide, Magnesium Hydroxide, and Others)] and End-Use Industry (Building and Construction, Automotive and Transportation, Electrical and Electronics, Textiles, and Others)**

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## **Abstracts**

The North America flame retardants market was valued at US\$ 1,321.62 million in 2023 and is expected to reach US\$ 1,944.93 million by 2031; it is estimated to register a CAGR of 4.9% from 2023 to 2031.

### **Rapid Growth of Construction Industry Fuel North America Flame Retardants Market**

As urbanization and infrastructure development surge, the construction sector requires a variety of materials such as insulation, wiring, and furnishings, all of which need to meet stringent fire safety standards. Flame retardants comply with safety regulations, thereby reducing the risk of fires in residential, commercial, and industrial buildings. The heightened focus on fire safety in construction projects amplifies the necessity for flame-retardant products, directly boosting their market demand. Several government bodies across different countries support the development of the residential construction sector. For instance, according to the Associated General Contractors of America (AGC), the construction industry has more than 745,000 employers with over 7.6 million employees and creates nearly US\$ 1.4 trillion worth of structures each year. The government spending from the National Housing Strategy (NHS) earmarks to

encourage energy-efficient construction is powering additional demand for residential projects. The government has announced funding for the NHS over the 2018-19 to 2028-29 period of more than US\$ 82 billion.

As modern construction increasingly emphasizes sustainable and high-performance buildings, the role of advanced materials becomes more pronounced. Therefore, various government-supportive measures for the development of the construction industry are leading to an increase in construction activities. This is creating demand for different construction materials, thereby driving the North America flame retardants market growth.

## North America Flame Retardants Market Overview

Flame retardants are used in automotive components and mass transportation vehicle applications. Flame retardants demonstrate improved processing characteristics in plastics such as acrylonitrile butadiene styrene and high-impact polystyrene. According to the International Organization of Motor Vehicle Manufacturers, North America registered an increase in the production of motor vehicles from 14.79 million vehicles in 2022 to 16.16 million vehicles in 2023. As per a report by the American Automotive Policy Council, car sales are expected to exceed 17.7 million vehicles per year by 2025. According to the International Trade Administration data released in 2022, the automotive industry of Mexico accounts for 3.5% of the country's GDP and 20% of the manufacturing gross domestic production. Flame retardants are used as additives in paints and coatings used in residential, commercial, and industrial buildings. According to the American Coatings Association, in the US, architectural coatings are the largest segment of the paint industry, accounting for more than 50% of the total volume of coatings produced yearly. According to the US Department of Transportation Federal Highway Administration, in 2021, the US Government signed the Infrastructure Investment and Jobs Act, encompassing long-term infrastructure investments, providing US\$ 550 billion over fiscal years 2022–2026 for the construction of bridges, roads, and mass transit and water infrastructure. Thus, the factors mentioned above drive the flame retardants market in North America.

## North America Flame Retardants Market Revenue and Forecast to 2031 (US\$ Million)

### North America Flame Retardants Market Segmentation

The North America flame retardants market is categorized into type, end-use industry, and country.

By type, the North America flame retardants market is bifurcated into halogenated and halogen-free. In addition, halogenated is sub segmented into bromine-based and chlorine-based, and halogen-free is sub segmented into phosphorus-based, aluminum hydroxide, magnesium hydroxide, and others. The halogenated segment held a larger share of the North America flame retardants market share in 2023.

In terms of end-use industry, the North America flame retardants market is segmented into building and construction, automotive and transportation, electrical and electronics, textiles, and others. The building and construction segment held the largest share of the North America flame retardants market share in 2023.

Based on country, the North America flame retardants market is segmented into the US, Canada, and Mexico. The US segment held the largest share of North America flame retardants market in 2023.

ADEKA CORPORATION; AIR WATER INC; Albemarle Corp; Alpha Calcit F?llstoff GmbH & Co. KG; Avient Corp; BASF SE; Celanese Corp; Clariant AG; Domo Chemicals GmbH; Georg Nordmann; Greenchemicals S.r.l.; ICL Group Ltd; Italmatch Chemicals S.p.A; J.M. Huber Corporation; Konoshima Chemical Co., Ltd.; Lanxess AG; Marubeni Corp; Nabaltec AG; RTP Company; and THOR Group Ltd are some of the leading companies operating in the North America flame retardants market.

#### Reason to buy

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the North America flame retardants market.

Highlights key business priorities to assist companies to realign their business strategies.

The key findings and recommendations highlight crucial progressive industry trends in the North America flame retardants market , thereby allowing players across the value chain to develop effective long-term strategies.

Develop/modify business expansion plans by using substantial growth offering developed and emerging markets.

Scrutinize in-depth North America market trends and outlook coupled with the factors driving the North America flame retardants market, as well as those hindering it.

Enhance the decision-making process by understanding the strategies that underpin commercial interest with respect to client products, segmentation, pricing, and distribution.

### The List of Companies - North America Flame Retardants Market

ADEKA CORPORATION

AIR WATER INC

Albemarle Corp

Alpha Calcit F?llstoff GmbH & Co. KG

Avient Corp

BASF SE

Celanese Corp

Clariant AG

Domo Chemicals GmbH

Georg Nordmann

Greenchemicals S.r.l

ICL Group Ltd

Italmatch Chemicals S.p.A

J.M. Huber Corporation

Konoshima Chemical Co., Ltd.

Lanxess AG

Marubeni Corp

Nabaltec AG

RTP Company

THOR Group Ltd

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