

## **Flame Retardant Chemicals: Technologies and Global Markets**

Market Research Report | 2025-06-23 | 146 pages | BCC Research

### **AVAILABLE LICENSES:**

- Single User License \$4650.00
- 2-5 Users License \$5580.00
- Site License \$6696.00
- Enterprise License \$8035.00

### **Report description:**

#### Description

#### Report Scope

The report will include details about types, applications and end-use industries for flame retardant chemicals. Estimated values are based on manufacturers' total revenues. Projected revenue values are in constant U.S. dollars, unadjusted for inflation. The report also contains comprehensive information regarding flame retardant chemicals and their users.

The global flame retardant chemicals market is segmented into the following categories:

- Type (brominated compounds, aluminum trihydrate, phosphorus compounds, antimony oxide, chlorinated compounds, nitrogen compounds, and others).
- Application (plastic, fabric, paints and coatings, paper and board, wood, and others).
- End use (building and construction, electrical and electronics, transportation, textiles, and others).
- Region (North America, Europe, Asia-Pacific, South America, and the Middle East and Africa).

#### Report Includes

- 107 tables and 44 additional tables
- Overview and analysis of the global market for flame retardant chemicals
- Analyses of the global market trends, with revenue data from 2024, estimates for 2025, forecasts for 2029, and projected CAGRs through 2030
- Estimates of the current market size and revenue growth prospects, accompanied by a market share analysis by product (chemical) type, application, end-use industry and region
- Facts and figures pertaining to the current market dynamics, technological advances, regulatory policies, investment trends and prospects, and the impact of macroeconomic factors
- Insights derived from Porter's Five Forces model, as well as industry value chain analyses
- An analysis of the key patent grants and recently published patents
- Overview of the sustainability trends and ESG developments in the industry, with emphasis on the ESG practices followed by

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

leading companies, their ESG ratings and consumer attitudes

- Analysis of the industry structure, including companies' market shares and rankings, strategic alliances, M&A activity and a venture funding outlook
- Profiles of the leading companies, including BASF, ICL Group Ltd., Lanxess AG, Clariant and Albemarle Corp.

## Executive Summary

### Summary:

The global market for flame retardant chemicals is projected to grow from \$6.1 billion in 2025 to \$8 billion by the end of 2030, at a compound annual growth rate (CAGR) of 5.3% from 2025 through 2030.

Flame retardant chemicals play a fundamental role in fire and human safety. In past decades, the growing number of fire instances in rapid industrialization has frequently created losses for businesses. Due to poor urban planning, human negligence, and the rising consumption of flammable materials, more fires are occurring. Thus, to minimize fire and protect people, flame retardant chemicals play a crucial role in the global economy.

Flame retardant chemicals can be used as additives and composites in end-use industries, including building and construction, textiles, electrical and electronics, transportation, agriculture, oil and gas, and mining industries. Flame retardant chemicals have the ability to reduce or inhibit the spread of fire in end-use products. Thus, flame retardant chemicals play an essential role in power generation systems, shopping complexes, cables, warehouses, public entertainment places, oil storage tanks, hospitals and hotels, among others.

### Table of Contents:

#### Table of Contents

#### Chapter 1 Executive Summary

##### Market Outlook

##### Scope of Report

##### Market Summary

##### Market Dynamics and Growth Factors

##### Emerging Technologies

##### Future Trends and Developments

##### Regional and Emerging Markets

##### Segmental Analysis

##### Conclusion

#### Chapter 2 Market Overview

##### Market Definition

##### Factors Affecting the Choice of Flame Retardant Chemicals

##### Importance of Flame Retardant Chemicals

##### Tariff War Impact on the Flame Retardant Chemicals Market

#### Chapter 3 Market Dynamics

##### Key Takeaways

##### Market Dynamics Snapshot

##### Drivers

##### Rising Demand for Technical Textiles

##### Stringent Fire Safety Regulations

##### Restraints

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

Restrictions on Plastic Products  
Regulatory Burden on Producers  
Opportunities  
Evolution of Bio-based Flame Retardants  
Development of Halogen-free Flame Retardants  
Challenge  
Compatibility Issues  
Chapter 4 Emerging Technologies and Developments  
Key Takeaways  
Newest Technology  
Melamine-free Flame Retardant  
Development of Flame Retardant Chemicals for Terminal Block  
Chapter 5 Supply Chain Analysis of the Global Flame Retardant Chemicals Markets  
Supply Chain Analysis of Global Flame Retardant Chemicals Markets  
Manufacturers  
Sales  
Chapter 6 Market Segment Analysis  
Segmentation Breakdown  
Market Analysis by Type  
Aluminum Trihydrate  
Phosphorus Compounds  
Brominated Compounds  
Antimony Oxide  
Chlorinated Compounds  
Nitrogen Compounds  
Others  
Market Analysis by Application  
Plastic  
Fabric  
Paints and Coatings  
Paper and Board  
Wood  
Others  
Market Analysis by End-Use Industry  
Building and Construction  
Transportation  
Electrical and Electronics  
Textiles  
Others  
Geographic Breakdown  
Market Analysis by Region  
North America  
Asia-Pacific  
Europe  
South America  
Middle East and Africa  
Chapter 7 Competitive Intelligence

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

Flame Retardant Chemicals Markets: Company Share Analysis  
BASF  
ICL  
LANXESS  
Clariant  
Albemarle Inc.  
Strategic Analysis  
Chapter 8 Sustainability in Flame Retardant Chemicals: ESG Perspective  
Importance of ESG in Flame Retardant Chemicals Market  
ESG Practices in the Flame Retardant Chemicals Market  
Current Status of ESG in the Flame Retardant Chemicals Market  
Risk Scale, Exposure Scale, and Management Scale  
Future of ESG: Emerging Trends and Opportunities  
Concluding Remarks from BCC  
Chapter 9 Appendix  
Methodology  
Information Sources  
Abbreviations  
References  
Company Profile  
AKZO NOBEL N.V.  
ALBEMARLE CORP.  
ARKEMA  
BASF  
CLARIANT  
DAIHACHI CHEMICAL  
DOW  
ETI MADEN  
ICL  
JM HUBER CORP.  
KEMIPLEX  
LANXESS  
MPI CHEMIE BV  
NYACOL NANO TECHNOLOGIES INC.  
SANWA CHEMICAL CO. LTD.

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

## Flame Retardant Chemicals: Technologies and Global Markets

Market Research Report | 2025-06-23 | 146 pages | BCC Research

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

### ORDER FORM:

Select license	License	Price
	Single User License	\$4650.00
	2-5 Users License	\$5580.00
	Site License	\$6696.00
	Enterprise License	\$8035.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-07"/>
		Signature	

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)  
[www.scotts-international.com](http://www.scotts-international.com)