

Global Flame Retardants for Paper and Cardboard Supply, Demand and Key Producers, 2024-2030

<https://marketpublishers.com/r/G731A8D22AFCEN.html>

Date: March 2024

Pages: 100

Price: US\$ 4,480.00 (Single User License)

ID: G731A8D22AFCEN

Abstracts

The global Flame Retardants for Paper and Cardboard market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

The market development status of Flame Retardants for Paper and Cardboard reveals a growing emphasis on fire safety in various industries where these materials are utilized. Flame retardants are chemical additives incorporated into paper and cardboard products to enhance their resistance to ignition and slow down the spread of flames. The market has seen steady growth due to increased awareness of fire safety regulations and the importance of protecting structures, products, and documents from fire hazards. Future development trends are likely to focus on the development of more environmentally friendly flame retardants, aligning with the broader global shift towards sustainable and eco-conscious solutions. Continuous research and innovation in flame retardant technologies aim to improve efficacy while minimizing potential environmental and health concerns associated with certain chemical additives. Additionally, advancements in formulations that maintain the mechanical and aesthetic properties of paper and cardboard while meeting stringent fire safety standards are expected. As fire safety regulations evolve, the demand for flame retardants in paper and cardboard materials is likely to remain robust, with a potential increase in market share for products that offer effective protection without compromising other essential properties of these materials.

Flame retardants for paper and cardboard are chemical compounds specifically formulated to enhance the fire resistance of these materials. Due to the inherent flammability of paper and cardboard, flame retardants are incorporated during the manufacturing process to reduce their combustibility and inhibit the spread of flames.

These additives act by disrupting the combustion process, creating a protective barrier that slows down ignition and limits the intensity of the fire. Flame retardants are crucial in applications where fire safety is paramount, such as in the production of packaging materials, documents, and construction products. They play a pivotal role in meeting regulatory standards for fire resistance and contribute to overall public safety by minimizing the risk of fire-related incidents. The development and utilization of flame retardants for paper and cardboard underscore the importance of balancing functionality and safety in various industries that rely on these materials.

This report studies the global Flame Retardants for Paper and Cardboard production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Flame Retardants for Paper and Cardboard, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Flame Retardants for Paper and Cardboard that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Flame Retardants for Paper and Cardboard total production and demand, 2019-2030, (Tons)

Global Flame Retardants for Paper and Cardboard total production value, 2019-2030, (USD Million)

Global Flame Retardants for Paper and Cardboard production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Flame Retardants for Paper and Cardboard consumption by region & country, CAGR, 2019-2030 & (Tons)

U.S. VS China: Flame Retardants for Paper and Cardboard domestic production, consumption, key domestic manufacturers and share

Global Flame Retardants for Paper and Cardboard production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Tons)

Global Flame Retardants for Paper and Cardboard production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Flame Retardants for Paper and Cardboard production by Application production, value, CAGR, 2019-2030, (USD Million) & (Tons).

This reports profiles key players in the global Flame Retardants for Paper and Cardboard market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kilito, EcoChem, Polychimique, Universal Fire Shield, Rosco, FEUERFEST, Flame Safe, T?chler and Lanxess, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Flame Retardants for Paper and Cardboard market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Flame Retardants for Paper and Cardboard Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Flame Retardants for Paper and Cardboard Market, Segmentation by Type

Boron-based

Water-based

Bromine-based

Global Flame Retardants for Paper and Cardboard Market, Segmentation by Application

Packaging

Building

Office

Exhibition

Others

Companies Profiled:

Kiilto

EcoChem

Polychimique

Universal Fire Shield

Rosco

FEUERFEST

Flame Safe

T?chler

Lanxess

Key Questions Answered

1. How big is the global Flame Retardants for Paper and Cardboard market?
2. What is the demand of the global Flame Retardants for Paper and Cardboard market?
3. What is the year over year growth of the global Flame Retardants for Paper and Cardboard market?
4. What is the production and production value of the global Flame Retardants for Paper and Cardboard market?
5. Who are the key producers in the global Flame Retardants for Paper and Cardboard market?

Contents

1 SUPPLY SUMMARY

- 1.1 Flame Retardants for Paper and Cardboard Introduction
- 1.2 World Flame Retardants for Paper and Cardboard Supply & Forecast
 - 1.2.1 World Flame Retardants for Paper and Cardboard Production Value (2019 & 2023 & 2030)
 - 1.2.2 World Flame Retardants for Paper and Cardboard Production (2019-2030)
 - 1.2.3 World Flame Retardants for Paper and Cardboard Pricing Trends (2019-2030)
- 1.3 World Flame Retardants for Paper and Cardboard Production by Region (Based on Production Site)
 - 1.3.1 World Flame Retardants for Paper and Cardboard Production Value by Region (2019-2030)
 - 1.3.2 World Flame Retardants for Paper and Cardboard Production by Region (2019-2030)
 - 1.3.3 World Flame Retardants for Paper and Cardboard Average Price by Region (2019-2030)
 - 1.3.4 North America Flame Retardants for Paper and Cardboard Production (2019-2030)
 - 1.3.5 Europe Flame Retardants for Paper and Cardboard Production (2019-2030)
 - 1.3.6 China Flame Retardants for Paper and Cardboard Production (2019-2030)
 - 1.3.7 Japan Flame Retardants for Paper and Cardboard Production (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Flame Retardants for Paper and Cardboard Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Flame Retardants for Paper and Cardboard Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Flame Retardants for Paper and Cardboard Demand (2019-2030)
- 2.2 World Flame Retardants for Paper and Cardboard Consumption by Region
 - 2.2.1 World Flame Retardants for Paper and Cardboard Consumption by Region (2019-2024)
 - 2.2.2 World Flame Retardants for Paper and Cardboard Consumption Forecast by Region (2025-2030)
- 2.3 United States Flame Retardants for Paper and Cardboard Consumption (2019-2030)
- 2.4 China Flame Retardants for Paper and Cardboard Consumption (2019-2030)

- 2.5 Europe Flame Retardants for Paper and Cardboard Consumption (2019-2030)
- 2.6 Japan Flame Retardants for Paper and Cardboard Consumption (2019-2030)
- 2.7 South Korea Flame Retardants for Paper and Cardboard Consumption (2019-2030)
- 2.8 ASEAN Flame Retardants for Paper and Cardboard Consumption (2019-2030)
- 2.9 India Flame Retardants for Paper and Cardboard Consumption (2019-2030)

3 WORLD FLAME RETARDANTS FOR PAPER AND CARDBOARD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Flame Retardants for Paper and Cardboard Production Value by Manufacturer (2019-2024)
- 3.2 World Flame Retardants for Paper and Cardboard Production by Manufacturer (2019-2024)
- 3.3 World Flame Retardants for Paper and Cardboard Average Price by Manufacturer (2019-2024)
- 3.4 Flame Retardants for Paper and Cardboard Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Flame Retardants for Paper and Cardboard Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Flame Retardants for Paper and Cardboard in 2023
 - 3.5.3 Global Concentration Ratios (CR8) for Flame Retardants for Paper and Cardboard in 2023
- 3.6 Flame Retardants for Paper and Cardboard Market: Overall Company Footprint Analysis
 - 3.6.1 Flame Retardants for Paper and Cardboard Market: Region Footprint
 - 3.6.2 Flame Retardants for Paper and Cardboard Market: Company Product Type Footprint
 - 3.6.3 Flame Retardants for Paper and Cardboard Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Flame Retardants for Paper and Cardboard Production Value Comparison

4.1.1 United States VS China: Flame Retardants for Paper and Cardboard Production Value Comparison (2019 & 2023 & 2030)

4.1.2 United States VS China: Flame Retardants for Paper and Cardboard Production Value Market Share Comparison (2019 & 2023 & 2030)

4.2 United States VS China: Flame Retardants for Paper and Cardboard Production Comparison

4.2.1 United States VS China: Flame Retardants for Paper and Cardboard Production Comparison (2019 & 2023 & 2030)

4.2.2 United States VS China: Flame Retardants for Paper and Cardboard Production Market Share Comparison (2019 & 2023 & 2030)

4.3 United States VS China: Flame Retardants for Paper and Cardboard Consumption Comparison

4.3.1 United States VS China: Flame Retardants for Paper and Cardboard Consumption Comparison (2019 & 2023 & 2030)

4.3.2 United States VS China: Flame Retardants for Paper and Cardboard Consumption Market Share Comparison (2019 & 2023 & 2030)

4.4 United States Based Flame Retardants for Paper and Cardboard Manufacturers and Market Share, 2019-2024

4.4.1 United States Based Flame Retardants for Paper and Cardboard Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Flame Retardants for Paper and Cardboard Production Value (2019-2024)

4.4.3 United States Based Manufacturers Flame Retardants for Paper and Cardboard Production (2019-2024)

4.5 China Based Flame Retardants for Paper and Cardboard Manufacturers and Market Share

4.5.1 China Based Flame Retardants for Paper and Cardboard Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Flame Retardants for Paper and Cardboard Production Value (2019-2024)

4.5.3 China Based Manufacturers Flame Retardants for Paper and Cardboard Production (2019-2024)

4.6 Rest of World Based Flame Retardants for Paper and Cardboard Manufacturers and Market Share, 2019-2024

4.6.1 Rest of World Based Flame Retardants for Paper and Cardboard Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Flame Retardants for Paper and Cardboard

Production Value (2019-2024)

4.6.3 Rest of World Based Manufacturers Flame Retardants for Paper and Cardboard Production (2019-2024)

5 MARKET ANALYSIS BY TYPE

5.1 World Flame Retardants for Paper and Cardboard Market Size Overview by Type: 2019 VS 2023 VS 2030

5.2 Segment Introduction by Type

5.2.1 Boron-based

5.2.2 Water-based

5.2.3 Bromine-based

5.3 Market Segment by Type

5.3.1 World Flame Retardants for Paper and Cardboard Production by Type (2019-2030)

5.3.2 World Flame Retardants for Paper and Cardboard Production Value by Type (2019-2030)

5.3.3 World Flame Retardants for Paper and Cardboard Average Price by Type (2019-2030)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Flame Retardants for Paper and Cardboard Market Size Overview by Application: 2019 VS 2023 VS 2030

6.2 Segment Introduction by Application

6.2.1 Packaging

6.2.2 Building

6.2.3 Office

6.2.4 Exhibition

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World Flame Retardants for Paper and Cardboard Production by Application (2019-2030)

6.3.2 World Flame Retardants for Paper and Cardboard Production Value by Application (2019-2030)

6.3.3 World Flame Retardants for Paper and Cardboard Average Price by Application (2019-2030)

7 COMPANY PROFILES

7.1 Kiilto

7.1.1 Kiilto Details

7.1.2 Kiilto Major Business

7.1.3 Kiilto Flame Retardants for Paper and Cardboard Product and Services

7.1.4 Kiilto Flame Retardants for Paper and Cardboard Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.1.5 Kiilto Recent Developments/Updates

7.1.6 Kiilto Competitive Strengths & Weaknesses

7.2 EcoChem

7.2.1 EcoChem Details

7.2.2 EcoChem Major Business

7.2.3 EcoChem Flame Retardants for Paper and Cardboard Product and Services

7.2.4 EcoChem Flame Retardants for Paper and Cardboard Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.2.5 EcoChem Recent Developments/Updates

7.2.6 EcoChem Competitive Strengths & Weaknesses

7.3 Polychimique

7.3.1 Polychimique Details

7.3.2 Polychimique Major Business

7.3.3 Polychimique Flame Retardants for Paper and Cardboard Product and Services

7.3.4 Polychimique Flame Retardants for Paper and Cardboard Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.3.5 Polychimique Recent Developments/Updates

7.3.6 Polychimique Competitive Strengths & Weaknesses

7.4 Universal Fire Shield

7.4.1 Universal Fire Shield Details

7.4.2 Universal Fire Shield Major Business

7.4.3 Universal Fire Shield Flame Retardants for Paper and Cardboard Product and Services

7.4.4 Universal Fire Shield Flame Retardants for Paper and Cardboard Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.4.5 Universal Fire Shield Recent Developments/Updates

7.4.6 Universal Fire Shield Competitive Strengths & Weaknesses

7.5 Rosco

7.5.1 Rosco Details

7.5.2 Rosco Major Business

7.5.3 Rosco Flame Retardants for Paper and Cardboard Product and Services

7.5.4 Rosco Flame Retardants for Paper and Cardboard Production, Price, Value,

Gross Margin and Market Share (2019-2024)

7.5.5 Rosco Recent Developments/Updates

7.5.6 Rosco Competitive Strengths & Weaknesses

7.6 FEUERFEST

7.6.1 FEUERFEST Details

7.6.2 FEUERFEST Major Business

7.6.3 FEUERFEST Flame Retardants for Paper and Cardboard Product and Services

7.6.4 FEUERFEST Flame Retardants for Paper and Cardboard Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.6.5 FEUERFEST Recent Developments/Updates

7.6.6 FEUERFEST Competitive Strengths & Weaknesses

7.7 Flame Safe

7.7.1 Flame Safe Details

7.7.2 Flame Safe Major Business

7.7.3 Flame Safe Flame Retardants for Paper and Cardboard Product and Services

7.7.4 Flame Safe Flame Retardants for Paper and Cardboard Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.7.5 Flame Safe Recent Developments/Updates

7.7.6 Flame Safe Competitive Strengths & Weaknesses

7.8 T?chler

7.8.1 T?chler Details

7.8.2 T?chler Major Business

7.8.3 T?chler Flame Retardants for Paper and Cardboard Product and Services

7.8.4 T?chler Flame Retardants for Paper and Cardboard Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.8.5 T?chler Recent Developments/Updates

7.8.6 T?chler Competitive Strengths & Weaknesses

7.9 Lanxess

7.9.1 Lanxess Details

7.9.2 Lanxess Major Business

7.9.3 Lanxess Flame Retardants for Paper and Cardboard Product and Services

7.9.4 Lanxess Flame Retardants for Paper and Cardboard Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.9.5 Lanxess Recent Developments/Updates

7.9.6 Lanxess Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Flame Retardants for Paper and Cardboard Industry Chain

8.2 Flame Retardants for Paper and Cardboard Upstream Analysis

8.2.1 Flame Retardants for Paper and Cardboard Core Raw Materials

8.2.2 Main Manufacturers of Flame Retardants for Paper and Cardboard Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Flame Retardants for Paper and Cardboard Production Mode

8.6 Flame Retardants for Paper and Cardboard Procurement Model

8.7 Flame Retardants for Paper and Cardboard Industry Sales Model and Sales Channels

8.7.1 Flame Retardants for Paper and Cardboard Sales Model

8.7.2 Flame Retardants for Paper and Cardboard Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Flame Retardants for Paper and Cardboard Production Value by Region (2019, 2023 and 2030) & (USD Million)

Table 2. World Flame Retardants for Paper and Cardboard Production Value by Region (2019-2024) & (USD Million)

Table 3. World Flame Retardants for Paper and Cardboard Production Value by Region (2025-2030) & (USD Million)

Table 4. World Flame Retardants for Paper and Cardboard Production Value Market Share by Region (2019-2024)

Table 5. World Flame Retardants for Paper and Cardboard Production Value Market Share by Region (2025-2030)

Table 6. World Flame Retardants for Paper and Cardboard Production by Region (2019-2024) & (Tons)

Table 7. World Flame Retardants for Paper and Cardboard Production by Region (2025-2030) & (Tons)

Table 8. World Flame Retardants for Paper and Cardboard Production Market Share by Region (2019-2024)

Table 9. World Flame Retardants for Paper and Cardboard Production Market Share by Region (2025-2030)

Table 10. World Flame Retardants for Paper and Cardboard Average Price by Region (2019-2024) & (US\$/Ton)

Table 11. World Flame Retardants for Paper and Cardboard Average Price by Region (2025-2030) & (US\$/Ton)

Table 12. Flame Retardants for Paper and Cardboard Major Market Trends

Table 13. World Flame Retardants for Paper and Cardboard Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (Tons)

Table 14. World Flame Retardants for Paper and Cardboard Consumption by Region (2019-2024) & (Tons)

Table 15. World Flame Retardants for Paper and Cardboard Consumption Forecast by Region (2025-2030) & (Tons)

Table 16. World Flame Retardants for Paper and Cardboard Production Value by Manufacturer (2019-2024) & (USD Million)

Table 17. Production Value Market Share of Key Flame Retardants for Paper and Cardboard Producers in 2023

Table 18. World Flame Retardants for Paper and Cardboard Production by Manufacturer (2019-2024) & (Tons)

Table 19. Production Market Share of Key Flame Retardants for Paper and Cardboard Producers in 2023

Table 20. World Flame Retardants for Paper and Cardboard Average Price by Manufacturer (2019-2024) & (US\$/Ton)

Table 21. Global Flame Retardants for Paper and Cardboard Company Evaluation Quadrant

Table 22. World Flame Retardants for Paper and Cardboard Industry Rank of Major Manufacturers, Based on Production Value in 2023

Table 23. Head Office and Flame Retardants for Paper and Cardboard Production Site of Key Manufacturer

Table 24. Flame Retardants for Paper and Cardboard Market: Company Product Type Footprint

Table 25. Flame Retardants for Paper and Cardboard Market: Company Product Application Footprint

Table 26. Flame Retardants for Paper and Cardboard Competitive Factors

Table 27. Flame Retardants for Paper and Cardboard New Entrant and Capacity Expansion Plans

Table 28. Flame Retardants for Paper and Cardboard Mergers & Acquisitions Activity

Table 29. United States VS China Flame Retardants for Paper and Cardboard Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 30. United States VS China Flame Retardants for Paper and Cardboard Production Comparison, (2019 & 2023 & 2030) & (Tons)

Table 31. United States VS China Flame Retardants for Paper and Cardboard Consumption Comparison, (2019 & 2023 & 2030) & (Tons)

Table 32. United States Based Flame Retardants for Paper and Cardboard Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Flame Retardants for Paper and Cardboard Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers Flame Retardants for Paper and Cardboard Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers Flame Retardants for Paper and Cardboard Production (2019-2024) & (Tons)

Table 36. United States Based Manufacturers Flame Retardants for Paper and Cardboard Production Market Share (2019-2024)

Table 37. China Based Flame Retardants for Paper and Cardboard Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Flame Retardants for Paper and Cardboard Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers Flame Retardants for Paper and Cardboard

Production Value Market Share (2019-2024)

Table 40. China Based Manufacturers Flame Retardants for Paper and Cardboard Production (2019-2024) & (Tons)

Table 41. China Based Manufacturers Flame Retardants for Paper and Cardboard Production Market Share (2019-2024)

Table 42. Rest of World Based Flame Retardants for Paper and Cardboard Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Flame Retardants for Paper and Cardboard Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers Flame Retardants for Paper and Cardboard Production Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers Flame Retardants for Paper and Cardboard Production (2019-2024) & (Tons)

Table 46. Rest of World Based Manufacturers Flame Retardants for Paper and Cardboard Production Market Share (2019-2024)

Table 47. World Flame Retardants for Paper and Cardboard Production Value by Type, (USD Million), 2019 & 2023 & 2030

Table 48. World Flame Retardants for Paper and Cardboard Production by Type (2019-2024) & (Tons)

Table 49. World Flame Retardants for Paper and Cardboard Production by Type (2025-2030) & (Tons)

Table 50. World Flame Retardants for Paper and Cardboard Production Value by Type (2019-2024) & (USD Million)

Table 51. World Flame Retardants for Paper and Cardboard Production Value by Type (2025-2030) & (USD Million)

Table 52. World Flame Retardants for Paper and Cardboard Average Price by Type (2019-2024) & (US\$/Ton)

Table 53. World Flame Retardants for Paper and Cardboard Average Price by Type (2025-2030) & (US\$/Ton)

Table 54. World Flame Retardants for Paper and Cardboard Production Value by Application, (USD Million), 2019 & 2023 & 2030

Table 55. World Flame Retardants for Paper and Cardboard Production by Application (2019-2024) & (Tons)

Table 56. World Flame Retardants for Paper and Cardboard Production by Application (2025-2030) & (Tons)

Table 57. World Flame Retardants for Paper and Cardboard Production Value by Application (2019-2024) & (USD Million)

Table 58. World Flame Retardants for Paper and Cardboard Production Value by Application (2025-2030) & (USD Million)

- Table 59. World Flame Retardants for Paper and Cardboard Average Price by Application (2019-2024) & (US\$/Ton)
- Table 60. World Flame Retardants for Paper and Cardboard Average Price by Application (2025-2030) & (US\$/Ton)
- Table 61. Kiilto Basic Information, Manufacturing Base and Competitors
- Table 62. Kiilto Major Business
- Table 63. Kiilto Flame Retardants for Paper and Cardboard Product and Services
- Table 64. Kiilto Flame Retardants for Paper and Cardboard Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 65. Kiilto Recent Developments/Updates
- Table 66. Kiilto Competitive Strengths & Weaknesses
- Table 67. EcoChem Basic Information, Manufacturing Base and Competitors
- Table 68. EcoChem Major Business
- Table 69. EcoChem Flame Retardants for Paper and Cardboard Product and Services
- Table 70. EcoChem Flame Retardants for Paper and Cardboard Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 71. EcoChem Recent Developments/Updates
- Table 72. EcoChem Competitive Strengths & Weaknesses
- Table 73. Polychimique Basic Information, Manufacturing Base and Competitors
- Table 74. Polychimique Major Business
- Table 75. Polychimique Flame Retardants for Paper and Cardboard Product and Services
- Table 76. Polychimique Flame Retardants for Paper and Cardboard Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 77. Polychimique Recent Developments/Updates
- Table 78. Polychimique Competitive Strengths & Weaknesses
- Table 79. Universal Fire Shield Basic Information, Manufacturing Base and Competitors
- Table 80. Universal Fire Shield Major Business
- Table 81. Universal Fire Shield Flame Retardants for Paper and Cardboard Product and Services
- Table 82. Universal Fire Shield Flame Retardants for Paper and Cardboard Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 83. Universal Fire Shield Recent Developments/Updates
- Table 84. Universal Fire Shield Competitive Strengths & Weaknesses
- Table 85. Rosco Basic Information, Manufacturing Base and Competitors

Table 86. Rosco Major Business

Table 87. Rosco Flame Retardants for Paper and Cardboard Product and Services

Table 88. Rosco Flame Retardants for Paper and Cardboard Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 89. Rosco Recent Developments/Updates

Table 90. Rosco Competitive Strengths & Weaknesses

Table 91. FEUERFEST Basic Information, Manufacturing Base and Competitors

Table 92. FEUERFEST Major Business

Table 93. FEUERFEST Flame Retardants for Paper and Cardboard Product and Services

Table 94. FEUERFEST Flame Retardants for Paper and Cardboard Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 95. FEUERFEST Recent Developments/Updates

Table 96. FEUERFEST Competitive Strengths & Weaknesses

Table 97. Flame Safe Basic Information, Manufacturing Base and Competitors

Table 98. Flame Safe Major Business

Table 99. Flame Safe Flame Retardants for Paper and Cardboard Product and Services

Table 100. Flame Safe Flame Retardants for Paper and Cardboard Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 101. Flame Safe Recent Developments/Updates

Table 102. Flame Safe Competitive Strengths & Weaknesses

Table 103. T?chler Basic Information, Manufacturing Base and Competitors

Table 104. T?chler Major Business

Table 105. T?chler Flame Retardants for Paper and Cardboard Product and Services

Table 106. T?chler Flame Retardants for Paper and Cardboard Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 107. T?chler Recent Developments/Updates

Table 108. Lanxess Basic Information, Manufacturing Base and Competitors

Table 109. Lanxess Major Business

Table 110. Lanxess Flame Retardants for Paper and Cardboard Product and Services

Table 111. Lanxess Flame Retardants for Paper and Cardboard Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 112. Global Key Players of Flame Retardants for Paper and Cardboard Upstream (Raw Materials)

Table 113. Flame Retardants for Paper and Cardboard Typical Customers

Table 114. Flame Retardants for Paper and Cardboard Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Flame Retardants for Paper and Cardboard Picture

Figure 2. World Flame Retardants for Paper and Cardboard Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World Flame Retardants for Paper and Cardboard Production Value and Forecast (2019-2030) & (USD Million)

Figure 4. World Flame Retardants for Paper and Cardboard Production (2019-2030) & (Tons)

Figure 5. World Flame Retardants for Paper and Cardboard Average Price (2019-2030) & (US\$/Ton)

Figure 6. World Flame Retardants for Paper and Cardboard Production Value Market Share by Region (2019-2030)

Figure 7. World Flame Retardants for Paper and Cardboard Production Market Share by Region (2019-2030)

Figure 8. North America Flame Retardants for Paper and Cardboard Production (2019-2030) & (Tons)

Figure 9. Europe Flame Retardants for Paper and Cardboard Production (2019-2030) & (Tons)

Figure 10. China Flame Retardants for Paper and Cardboard Production (2019-2030) & (Tons)

Figure 11. Japan Flame Retardants for Paper and Cardboard Production (2019-2030) & (Tons)

Figure 12. Flame Retardants for Paper and Cardboard Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Flame Retardants for Paper and Cardboard Consumption (2019-2030) & (Tons)

Figure 15. World Flame Retardants for Paper and Cardboard Consumption Market Share by Region (2019-2030)

Figure 16. United States Flame Retardants for Paper and Cardboard Consumption (2019-2030) & (Tons)

Figure 17. China Flame Retardants for Paper and Cardboard Consumption (2019-2030) & (Tons)

Figure 18. Europe Flame Retardants for Paper and Cardboard Consumption (2019-2030) & (Tons)

Figure 19. Japan Flame Retardants for Paper and Cardboard Consumption (2019-2030) & (Tons)

Figure 20. South Korea Flame Retardants for Paper and Cardboard Consumption (2019-2030) & (Tons)

Figure 21. ASEAN Flame Retardants for Paper and Cardboard Consumption (2019-2030) & (Tons)

Figure 22. India Flame Retardants for Paper and Cardboard Consumption (2019-2030) & (Tons)

Figure 23. Producer Shipments of Flame Retardants for Paper and Cardboard by Manufacturer Revenue (\$MM) and Market Share (%): 2023

Figure 24. Global Four-firm Concentration Ratios (CR4) for Flame Retardants for Paper and Cardboard Markets in 2023

Figure 25. Global Four-firm Concentration Ratios (CR8) for Flame Retardants for Paper and Cardboard Markets in 2023

Figure 26. United States VS China: Flame Retardants for Paper and Cardboard Production Value Market Share Comparison (2019 & 2023 & 2030)

Figure 27. United States VS China: Flame Retardants for Paper and Cardboard Production Market Share Comparison (2019 & 2023 & 2030)

Figure 28. United States VS China: Flame Retardants for Paper and Cardboard Consumption Market Share Comparison (2019 & 2023 & 2030)

Figure 29. United States Based Manufacturers Flame Retardants for Paper and Cardboard Production Market Share 2023

Figure 30. China Based Manufacturers Flame Retardants for Paper and Cardboard Production Market Share 2023

Figure 31. Rest of World Based Manufacturers Flame Retardants for Paper and Cardboard Production Market Share 2023

Figure 32. World Flame Retardants for Paper and Cardboard Production Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 33. World Flame Retardants for Paper and Cardboard Production Value Market Share by Type in 2023

Figure 34. Boron-based

Figure 35. Water-based

Figure 36. Bromine-based

Figure 37. World Flame Retardants for Paper and Cardboard Production Market Share by Type (2019-2030)

Figure 38. World Flame Retardants for Paper and Cardboard Production Value Market Share by Type (2019-2030)

Figure 39. World Flame Retardants for Paper and Cardboard Average Price by Type (2019-2030) & (US\$/Ton)

Figure 40. World Flame Retardants for Paper and Cardboard Production Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 41. World Flame Retardants for Paper and Cardboard Production Value Market Share by Application in 2023

Figure 42. Packaging

Figure 43. Building

Figure 44. Office

Figure 45. Exhibition

Figure 46. Others

Figure 47. World Flame Retardants for Paper and Cardboard Production Market Share by Application (2019-2030)

Figure 48. World Flame Retardants for Paper and Cardboard Production Value Market Share by Application (2019-2030)

Figure 49. World Flame Retardants for Paper and Cardboard Average Price by Application (2019-2030) & (US\$/Ton)

Figure 50. Flame Retardants for Paper and Cardboard Industry Chain

Figure 51. Flame Retardants for Paper and Cardboard Procurement Model

Figure 52. Flame Retardants for Paper and Cardboard Sales Model

Figure 53. Flame Retardants for Paper and Cardboard Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

I would like to order

Product name: Global Flame Retardants for Paper and Cardboard Supply, Demand and Key Producers, 2024-2030

Product link: <https://marketpublishers.com/r/G731A8D22AFCEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G731A8D22AFCEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

