Flame Retardant Chemicals: Technologies and Global Markets

Market Research Report | 2022-10-20 | 144 pages | BCC Research

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Report description:

Description

Report Scope:

This study is an in-depth evaluation of flame retardant chemicals by type and by end-use application between the years 2021 and 2027. This report deals with flame retardant chemical additives, and not with products such as Nafion that are inherently flame retardant.

The forecast will cover worldwide demand and be broken down by chemical type and application. Because electronics are so widely used in the world today and they are housed most often in plastics, this segment will be emphasized.

Report Includes:

- 42 data tables and 29 additional tables
- An up-to-date overview of the global markets for flame retardant chemicals
- Analyses of the global and regional market trends, with historic market revenue for 2021, estimates for 2022, and projections of compound annual growth rates (CAGRs) through 2027
- Estimation of the actual market size and forecast the global flame retardant chemicals market in value and volumetric terms, and their corresponding market share analysis based on product (chemical) type, end-use application, and region
- Identification of the key market drivers and constraints that will shape the industry for these materials as the basis for projecting demand over the next five years (2022-2027)
- Emphasis on the environmental, social, and government regulations and standards, players offering these products and services, and market outlook of flame retardant chemicals within the industry
- Updated information on patents and intellectual property landscape of flame retardant chemicals

- Identification of the major stakeholders and analysis of the competitive landscape based on recent developments and segmental revenues
- Descriptive company profiles of the leading global players, including Israel Chemicals Ltd., Arkema SA, Solvay Group and Apexical Inc.

Executive Summary

Summary:

According to a 2022 study published by the Center for Fire Statistics (CTIF), there were REDACTED incidents reported per REDACTED inhabitants out of which REDACTED were due to fire. This is the most recent year for which data are available from this source. Thousands of people died worldwide as a result of these fires. The U.S. National Fire Protection Association (NFPA) reported more than REDACTED million fires in the U.S. in 2020.In the U.S., fires resulted in REDACTED civilian deaths, REDACTED civilian injuries, and $REDACTED billion worth of property damage.

These statistics do not include the loss of life associated with fire personnel, the secondary loss to businesses due to downtime and inconvenience, and the impact these fires have on insurance premiums to all consumers. The loss of life, injuries, and property damage would increase dramatically if products were not manufactured with flame retardant chemicals.

BCC Research estimates the global consumption of flame retardant chemicals for 2021 at nearly REDACTED billion pounds. Consumption is expected to approach REDACTED billion pounds in 2022 and exceed REDACTED billion pounds by 2027, representing a compound annual growth rate (CAGR) of REDACTED % from 2022 through 2027.

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NYACOL NANO TECHNOLOGIES INC.
SHERWIN-WILLIAMS CO.
SOLVAY GROUP
TOR SPECIALTY MINERALS
VELSICOL CHEMICAL LLC
Miscellaneous Flame Retardant Companies
APEXICAL INC.
DOW CHEMICAL CO.
E.I. DUPONT DE NEMOURS AND CO.
ITALMATCH CHEMICALS SPA
NABALTEC
NIHON SEIKO LTD.
SAKAMOTO YAKUHIN KOGYO CO. LTD.
SPARTAN FLAME RETARDANTS
TATEHO CHEMICAL INDUSTRIES CO. LTD.
Other Organizations
AZONETWORK UK LTD.
BUREAU OF ELECTRONIC AND APPLIANCE REPAIR, HOME FURNISHINGS AND THERMAL INSULATION
CENTERS FOR DISEASE CONTROL AND PREVENTION
FLAME RETARDANTS-ONLINE
INTERNATIONAL ORGANIZATION OF FIRE AND RESCUE SERVICES
JAPAN FIRE RETARDANT ASSOCIATION (JFRA)

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