

Life-Saving Fire Protection: Ceresana Analyses the Flame Retardant Market



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Cell phones, carpets, or insulating sheets – flame retardants are used in numerous everyday products to prevent them from being burnt or at least to slow down a fire in an emergency. As more and more plastics and other flammable materials are used, flame retardants are gaining increasing importance. The new market study by Ceresana Research forecasts that global flame retardant revenues will rise to approximately US\$5.8 billion by 2018. Demand is above all growing in the Asia-Pacific region, with China registering the greatest increase of 7% per year.

Regulations Drive the Market

"The development of the flame retardant industry is greatly influenced by legal situations and industrial standards," explains Oliver Kutsch, CEO of Ceresana: "Almost all countries are increasingly tightening fire safety regulations. In addition, which flame retardant is used depends on state regulations on the protection of the environment and health – above all in Western Europe and North America." As environmental restrictions mainly impact halogenated flame retardants, less controversial alternatives are being developed. The demand for organophosphates and different inorganic flame retardants is rising by 3.5% to 4.3% per year, which is significantly faster than for brominated or chlorinated flame retardants.

Innovative Flame Retardants

Fire resistant agents are tailored to specific applications and developed in close co-operation with manufacturers, processors, and users of end-products. Product innovations focus on

more environmentally friendly products and new materials. Examples include nanotechnology, micro-encapsulation, and intumescent systems, which expand by heat and create a protective layer. However, the most widely used flame retardant is aluminum hydroxide (ATH), which is anticipated to continue to dominate the market in 2018.

Practice-Oriented Study

The up-to-date market report of Ceresana Research provides detailed descriptions and analyses of the flame retardant market: Demand divided by product types as well as revenues and prices. Moreover, the study offers essential market data related to the individual application areas. The most important sales markets are construction materials – especially made from PVC – insulating materials, rubbers, adhesives, and paints & varnishes. Electrical & electronics and transport industry are also studied individually with reference to the world regions. The introduction summarizes the different types of flame retardants and informs about regulations and health issues. Volume II is a useful list of manufacturers with 246 company profiles. The study, available in English or German, forecasts market opportunities and risks up to 2018:

www.ceresana.com/en/market-studies/additives/flame-retardants-new/

About Ceresana Research

Ceresana Research is one of the world's leading industrial market research institutions. Companies, institutions, and associations from more than 45 countries have already profited from our global market data and well-founded prognoses. Our core competencies include chemicals + plastics + additives + commodities + materials + industrial components + consumer goods + packaging + construction materials.

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