Global Flame Retardant Chemical Market to reach $9.8 billion by 2020, Says a New Research Report by Ceskaa Research


In terms of value, the global market for flame retardant chemicals is expected to grow from $7.2 billion in 2014 to $7.6 billion in 2015 at a year-on-year (YOY) growth rate of 4.7%. In terms of volume, the market is expected to reach 2.9 million tons in 2020 growing at a CAGR (2015-2020) of 6.1%.

Non-halogenated flame retardant chemicals are gaining more traction across regions due to their environment friendly nature, whereas the demand for the halogenated flame retardant chemicals are declining due to their high toxicity levels, especially in North America and Europe owing to stringent regulations.

The global flame retardant chemicals market is increasing due to strict fire safety regulations across industries. Flame retardant chemicals are used in different adhesives, paints, coatings and various other forms of plastics such as, polyolefin, PVC, engineering thermoplastics, and styrenics primarily in the electrical and electronics; building and construction; transportation; textile; and wires and cables industries.

In 2014, Asia-Pacific dominated the global flame retardant chemicals volume market with over 44% share, followed by North America and Europe with approximately 23% and 22% shares, respectively. With increase in raw material price and manufacturing cost, the flame retardant chemicals market is currently facing pricing issues; however, the market for flame retardant chemicals is on rise due to its extensive use in the electrical and electronics; building and construction; and transportation sectors.

This report also segregates all type of flame retardant chemicals such as chlorinated, brominated, phosphorus-based, aluminum hydroxide, magnesium hydroxide and antimony oxide by region, by intermediate applications, and by end-user applications.
### SUMMARY TABLE:

**VOLUME FORECAST - GLOBAL FLAME RETARDANTS MARKET BY TYPE 2015-2020**

(THOUSANDS TONS)

<table>
<thead>
<tr>
<th>Types</th>
<th>2014</th>
<th>2015</th>
<th>2020</th>
<th>5 Year CAGR (2015-2020)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorinated</td>
<td>33.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brominated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phosphorus-based</td>
<td>370.39</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminum hydroxide</td>
<td></td>
<td></td>
<td>53.01</td>
<td></td>
</tr>
<tr>
<td>Magnesium hydroxide</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Antimony Oxide</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Others</td>
<td></td>
<td></td>
<td>8%</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**VOLUME FORECAST: GLOBAL MARKET FOR BROMINATED FLAME RETARDANTS, BY END APPLICATION, THROUGH 2020**

(KILO TONS)

<table>
<thead>
<tr>
<th>End Application</th>
<th>2014</th>
<th>2015</th>
<th>2020</th>
<th>5 Year CAGR (2015-2020)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical and Electronic items (excluding wires and cables)</td>
<td>154.60</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building and Construction</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transportation (including rubber tyres)</td>
<td>153.59</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Textile</td>
<td>99.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wires and Cables</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Others (Wood, paper, etc.)</td>
<td></td>
<td></td>
<td>8%</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
--- | --- | --- | --- | ---
Polyolefin | 21.12 | | | |
Paints and Coatings | | | | |
Epoxy Resins | 4.61 | | | |
Unsaturated Polyesters | | 10.81 | | |
PVC | | | | |
Engineering Thermoplastic | | | | |
Styrenics | | | | |
Others (Rubber, Polyurethane, Synthetic Fibers, etc.) | | | 3.8 | |
Total | | | | |

Global Flame Retardant Market Forecast & Opportunities, 2020 discusses following aspects related to the Flame Retardant:

- Global flame retardant Market Size, Share & Forecast
- Segmental Analysis: By Raw Material, By Type, By Application, By Company
- Regional Analysis: Asia-Pacific, Americas, Europe
- Changing Market Trends & Emerging Opportunities
- Competitive Landscape & Strategic Recommendations
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    - MAGNESIUM HYDROXIDE (Mg(OH)2)
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  - OTHER TYPE OF FLAME RETARDANT CHEMICALS
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  GROWTH IN AUTOMOTIVE INDUSTRY
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  ALBEMARLE CORP. [NYSE: ALB]
  ALMATIS GMBH
  AMPACET CORP.
  AMSPEC CHEMICAL CORP.
  APEXICAL, INC.
  BASF SE
  CAMPINE NV
  CHEMTURA CORP.
  CLARIANT AG
  CYTEC INDUSTRIES INC., [NYSE: CYT]
  DAIHACHI CHEMICAL INDUSTRY CO., LTD.
  DOVER CHEMICAL CORP.
  ISRAEL CHEMICALS
  ITALMATCH CHEMICALS SPA
  JIANGSU YOKE TECHNOLOGY CO., LTD
  JM HUBER CORP.
  LANXESS AG
  MANAC INC.
  MARTIN MARIETTA MATERIALS INC.
  NABALTEC AG
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