

Hexamine Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)

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Report description:

The global hexamine market attained a volume of 637.78 KMT in 2024. The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 3.40%, to reach 891.00 KMT by 2034.

Growing Applications of the Product to Aid the Hexamine Market Growth

Hexamine has applications in a wide range of sectors. It is widely used as a curing agent for resins and plastics and also serves as a foaming agent and a promoter for rubber vulcanisation. Other applications of hexamine involve its use as a catalyst for aminoplasts and as an anti-shrinking agent for textiles, among others. Based on grade, hexamine is available in stabilized and unstabilized form, each of which has a different set of applications. While unstabilized form is preferred for coating and adhesive and sealant applications, the stabilized form is most widely utilised as a chemical intermediate in the process industry. The growth of the process industry and expanding applications of the product are aiding the growth of the market.

The Asia Pacific to Significantly Contribute to the Growth of the Hexamine Market

The Asia Pacific is expected to account for a significant share in the market over the forecast period. The growth can be attributed to the robust expansion of the major end use sectors, particularly rubber, chemical, and pharmaceutical industries. The growing demand of hexamine from emerging nations like India and China is significantly contributing to the market growth. Moreover, the growing construction activities in the region are driving the demand for adhesives and sealants, which will also propel the growth of the hexamine market. Other significant regions for the product include North America and Europe.

Hexamine: Market Segmentation

Hexamine, also known as hexamethylenetetramine (HMTA), is a heterocyclic organic compound. It is available in the form of a

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white crystalline powder and has a cage-like structure resembling adamantane. It is highly soluble in water and is used as a building block in the synthesis of various compounds. It is obtained via the reaction between ammonia and formaldehyde.

By grade, the market is bifurcated into:

- Stabilised
- Unstabilised

Based on application, the market can be segmented into:

- Polymer and Plastics
- Personal Care
- Pharmaceuticals
- Adhesives and Sealants
- Leather and Textile
- Paper
- Mining Explosives
- Others

Market breakup by region:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Expanding Pharmaceutical Sector to Favour the Hexamine Market Growth

The thriving pharmaceutical industry is driving the demand for hexamine, which is commonly used in treating urinary tract infection. Within the pharmaceutical sector, the demand for topical creams and ointments is rising to cure skin infections, such as impetigo and infected wounds. Hexamine finds use in these creams to inhibit the growth of bacteria and prevent them from spreading. The other uses of hexamine in the pharmaceutical sector include its application as stabilising and crosslinking agent to increase the shelf life of pharmaceutical products. It is added to formulations to stop the breakdown of active ingredients.

Over the forecast period, the growing investments by the key players in mergers and acquisitions and capacity expansion are expected to have a positive effect on the hexamine market expansion. However, the stringent government regulations regarding the use of hexamine, particularly in developed nations, may restrain the market growth in the coming years.

Key Players in the Global Hexamine Market

The report gives a detailed analysis of the following key players in the global hexamine market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- Kanoria Chemicals & Industries Ltd
- Ascend Performance Materials

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- Ruixing Group Co., Ltd.
- Methanol Chemicals Company (Chemanol)
- Simalin Chemical Industries Pvt Ltd
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

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