

Sebacic Acid Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 156 pages | EMR Inc.

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Report description:

The global sebacic acid market reached a value of about USD 286.30 Million in 2024. The market is further expected to grow at a CAGR of 3.00% in the forecast period of 2025-2034 to reach a value of approximately USD 384.76 Million by 2034.

Increasing Demand for Plasticisers to Augment the Sebacic Acid Industry Growth

Based on application, the plasticisers segment accounts for a significant share in the sebacic acid industry. This can be attributed to the globally increasing usage of polymers and plastics, which, in turn, is fuelling the growth of the sebacic acid industry. Moreover, in contrast to phthalate plasticisers, these sebacate plasticisers possess improved low-temperature properties. As a result, shifting focus towards the development and use of bio-based polymers in order to minimise negative environmental impact is expected to drive the consumer demand in the forecast period.

North America to Provide Enhanced Growth Opportunities to the Sebacic Acid Industry

Region-wise, North America is expected to witness a robust growth over the forecast period. The market growth in North America can be attributed to the rising living standards of consumers, which has resulted in increased cosmetics spending. This is accompanied by the involvement of a variety of multinational companies engaged in the manufacturing of high-end beauty products in the United States. Moreover, sebacic acid is used as a chemical intermediate in the production of esters, which are used as solvents, emollients, masking agents, film forming agents, and conditioning agents, hence, further driving the growth of the regional market.

Sebacic Acid: Market Segmentation

Sebacic acid is a powdered crystal or white flake derived from castor oil using sulphuric acid via catalysts like phenol, zinc oxide,

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and sodium hydroxide. Lubricants, plasticisers, hydraulic fluids, candles, and cosmetics are a few of the industries that use sebacic acid.

Based on source, the industry can be segmented into:

- Castor Oil
- Adipic Acid

By application, the market is divided into:

- Plasticisers
- Lubricants
- Solvents
- Adhesives
- Chemical Intermediates
- Others

The market is divided based on end use into:

- Automotive
- Aerospace
- Textile
- Packaging
- Others

The regional markets for the product include:

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

Increasing Demand for Lubricants to Bolster the Growth of the Sebacic Acid Industry

Sebacic acid is commonly used in the automotive and aerospace industries because of its excellent lubricity, low temperature fluidity, high flash points, and high thermal stability. Moreover, the growing consumer preference for bio-lubricants over traditional lubricants owing to the growing focus on reducing CO2 emissions and strict environmental policies is anticipated to drive the demand growth for sebacic acid. Furthermore, at high altitudes, sebacic acid is used as an ingredient in low temperature lubricants. In addition, growing investments in the automotive industry to produce high-performance fuel-efficient vehicles, coupled with the increased consumer spending, is projected to further propel the product demand. All these factors are driving the growth of the market.

Over the forecast period, the rapidly growing automotive and aerospace industries are expected to further stimulate the growth of the market.

Key Industry Players in the Global Sebacic Acid Market

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

- Arkema Group
- Hokoku Co., Ltd.
- Shipra Agrichem Pvt Ltd (SAPL)
- BASF SE
- Wilmar International Ltd
- Sebacic India Limited
- 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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