

Global Furfural Market Size, Growth, Industry Trends | Emergen Research

Furfural is primarily used as a solvent or intermediate in numerous end-use industries, including foundries, pharmaceuticals

VANCOUVER, BRITISH COLUMBIA, CANADA, February 6, 2025 /EINPresswire.com/ -- The global [furfural market](#) is projected to experience significant growth, expanding from an estimated USD 645 million in 2024 to USD 1.15 billion by 2032, at a compound annual growth rate (CAGR) of 7.8%. This growth is driven by the increasing demand for furfural in various industries such as biofuels, chemicals, and food & beverages, as well as its rising adoption as a renewable resource for green chemistry.



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Furfural, primarily derived from agricultural by-products like corn cobs, bagasse, and oat husks, has gained attention due to its eco-friendly production process and wide range of applications. As a solvent, it is used in the petrochemical industry and for extracting specific chemicals from oils and other substances. Furthermore, furfural serves as a key intermediate in the production of a variety of chemicals, such as furfuryl alcohol and tetrahydrofuran, which are used in various industries, including automotive, pharmaceuticals, and plastics.

The increasing focus on sustainable production methods, driven by environmental concerns, has also spurred demand for furfural as a bio-based alternative to fossil-fuel-based products.

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Market Drivers

The growth of the furfural market is largely driven by the increasing demand for renewable chemicals and biofuels. Furfural is widely used as a raw material for producing biofuels like

bioethanol, and its role in the production of bioplastics and other green chemicals is gaining momentum. Moreover, as governments and industries around the world continue to focus on sustainability and green chemistry, furfural has emerged as a key player in reducing carbon footprints and promoting eco-friendly industrial practices.

The growing demand for furfural in applications such as agricultural chemicals, flavoring agents in the food & beverage industry, and in the production of polymers further supports market expansion. Additionally, the increasing use of furfural in developing bio-based solvents and its role in extracting valuable compounds like lignin is boosting its adoption in various chemical industries.

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Market Challenges

Despite the promising growth, several challenges persist in the furfural market. The relatively high cost of production, especially when using traditional methods, remains a barrier to widespread adoption. While advancements in manufacturing technologies are underway, the cost competitiveness of furfural compared to conventional petrochemical alternatives still needs to improve.

Furthermore, the inconsistency in the quality of raw materials, such as agricultural waste, can affect production efficiency. The market also faces challenges related to limited access to advanced production technologies in developing regions, which hinders the broader adoption of furfural-based solutions.

Segment Insights

The furfural market is segmented by application, with the chemical industry being the largest consumer. Furfural is used to produce a wide range of products, including solvents, adhesives, and resins. The growing demand for bio-based chemicals, coupled with the rise of eco-friendly production methods, is driving the demand for furfural as a key intermediate.

The fuel and energy segment is also a major contributor to market growth, as furfural serves as a key precursor in biofuel production, particularly bioethanol. The increasing adoption of biofuels, supported by government initiatives and regulations, is expected to propel the demand for furfural in the coming years.

The food & beverage sector, especially in flavor and fragrance applications, is also an important consumer of furfural. Furfural is used as a flavor enhancer, providing a caramel-like or nutty taste in various food products.

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Regional Outlook

The furfural market is experiencing robust growth across North America, Europe, and Asia-Pacific. North America, particularly the United States, is expected to hold the largest market share due to the increasing demand for sustainable chemicals and biofuels. Asia-Pacific, especially China and India, is expected to register the fastest growth, driven by industrialization and rising investments in sustainable chemicals.

Key Players in the Furfural Market

Some of the key companies in the global furfural market include:

Hongye Holding Group
Sichuan Tianyu Chemical
Zibo Luhua Hongjin New Material Co., Ltd.
Guangdong Jishen Chemical Co., Ltd.
Central Glass Co., Ltd.
Shandong Yuhuang Chemical Co., Ltd.
DynaChem
Lianyungang Dongtai Chemical Industrial Co., Ltd.
Chemtrade Logistics Inc.

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Furfural Market Latest Industry Updates

In July 2024, Hongye Holding Group announced the expansion of its production capacity for furfural, aiming to meet the rising demand in the biofuel industry.
In January 2025, Central Glass Co., Ltd. launched a new bio-based furfural production method, reducing the environmental impact and production costs.

Furfural Market Segmentation Analysis

By Application (Revenue, USD Million; 2024-2032)

Biofuels
Solvents
Resins and Adhesives
Agricultural Chemicals
Food & Beverages (Flavoring Agent)
Others

By End-User (Revenue, USD Million; 2024-2032)

- Chemical Industry
- Fuel and Energy Industry
- Food & Beverages
- Pharmaceuticals
- Others

By Regional Outlook (Revenue, USD Million; 2024-2032)

- North America
 - United States
 - Canada
 - Mexico
- Europe
 - Germany
 - France
 - United Kingdom
 - Italy
 - Spain
 - Rest of Europe
- Asia-Pacific
 - China
 - India
 - Japan
 - South Korea
 - Rest of Asia-Pacific
- Latin America
 - Brazil
 - Rest of Latin America
- Middle East and Africa
 - Saudi Arabia
 - UAE
 - South Africa
 - Rest of MEA

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