

Naphthalene Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Sales Channel (Direct, Indirect), By End Use (Chemical Synthesis, Agriculture, Dye stuffs, Pharmaceuticals, Consumer Goods, Others), By Region and Competition, 2020-2030F

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Abstracts

The Global Naphthalene Market was valued at USD 1856.00 million in 2024 and is projected to reach USD 2408.00 million by 2030, growing at a CAGR of 3.23% during the forecast period. Naphthalene, a volatile organic compound primarily derived from coal tar and petroleum, is widely used in the production of dyes, plastics, detergents, insecticides, and particularly as a superplasticizer in construction. The market is driven by the growing demand for naphthalene-based superplasticizers in large-scale infrastructure and construction projects, especially in emerging economies experiencing rapid urbanization. However, market expansion is hindered by environmental regulations surrounding volatile organic compound emissions, coupled with the volatility in coal tar and petroleum prices. Despite these challenges, sectors such as pharmaceuticals, textiles, and agriculture continue to support the global demand for naphthalene, offering consistent growth opportunities for manufacturers.

Key Market Drivers

Growth in Pharmaceutical Industry

The global pharmaceutical sector's expansion significantly contributes to the demand for naphthalene. With revenues reaching approximately USD 1.6 trillion in 2023, the industry increasingly relies on naphthalene derivatives in the synthesis of active

pharmaceutical ingredients (APIs) and excipients. Naphthalene-based compounds are crucial in the production of anti-inflammatory, antimicrobial, and analgesic drugs. Additionally, naphthalene derivatives such as phthalic anhydride are also used in the manufacture of pharmaceutical packaging materials. As healthcare spending increases and the demand for medication rises, particularly in emerging economies, naphthalene's role in drug synthesis and packaging will continue to drive market growth.

Key Market Challenges

Volatility in Raw Material Prices

The naphthalene market is highly sensitive to fluctuations in raw material prices. Naphthalene production depends heavily on coal tar, a by-product of steel manufacturing, and petroleum derivatives—both of which are prone to unpredictable pricing due to global supply chain dynamics, geopolitical issues, and energy market shifts. These cost variations increase production uncertainties and erode profit margins for manufacturers. The resulting price instability also complicates long-term planning and hampers market growth, particularly in price-sensitive end-use industries.

Key Market Trends

Expansion in Textile Industry

The global textile industry's growth is driving increased demand for naphthalene-based products, particularly synthetic dyes and resins. Valued at USD 295.87 billion by 2025, the textile market depends heavily on chemical intermediates derived from naphthalene for dye manufacturing and textile finishing applications. These synthetic dyes, essential for achieving color fastness and aesthetic appeal in fabrics, are a significant market segment. The fast-fashion industry's rise and ongoing textile innovations are increasing the consumption of naphthalene-based compounds, especially in emerging textile-producing countries. This trend is expected to contribute to steady growth in the naphthalene market.

Key Market Players

Koppers Inc.

Fangda Carbon New Material Co., Ltd.

Industrial Química del Nal?n S.A

DEZA a.s.

Rain Carbon Inc.

Himadri Specialty Chemical Ltd.

JFE Chemical Corporation

Epsilon Carbon Private Limited

Pingdingshan Aosida Technology C%li%Ltd

Kedia Carbon Private Ltd

Report Scope:

In this report, the Global Naphthalene Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Naphthalene Market, By Sales Channel:

Direct

Indirect

Naphthalene Market, By End Use:

Chemical Synthesis

Agriculture

Dye stuffs

Pharmaceuticals

Consumer Goods

Others

Naphthalene Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Naphthalene Market.

Available Customizations:

Global Naphthalene Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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