

**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**

Market Report | 2025-04-30 | 185 pages | TechSci Research

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**Report description:**

Market Overview

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.

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## 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 Quimica del Nalon S.A
- DEZA a.s.
- Rain Carbon Inc.
- Himadri Specialty Chemical Ltd.
- JFE Chemical Corporation
- Epsilon Carbon Private Limited
- Pingdingshan Aosida Technology Co 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:

- o Direct
- o Indirect

#### - Naphthalene Market, By End Use:

- o Chemical Synthesis
- o Agriculture
- o Dye stuffs
- o Pharmaceuticals
- o Consumer Goods
- o Others

#### - Naphthalene Market, By Region:

- o North America
  - United States
  - Canada
  - Mexico
- o Europe
  - France
  - United Kingdom

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- 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).

### **Table of Contents:**

1. Product Overview
  - 1.1. Market Definition
  - 1.2. Scope of the Market
    - 1.2.1. Markets Covered
    - 1.2.2. Years Considered for Study
    - 1.2.3. Key Market Segmentations
2. Research Methodology
  - 2.1. Objective of the Study
  - 2.2. Baseline Methodology
  - 2.3. Key Industry Partners
  - 2.4. Major Association and Secondary Sources
  - 2.5. Forecasting Methodology
  - 2.6. Data Triangulation & Validation
  - 2.7. Assumptions and Limitations
3. Executive Summary
  - 3.1. Overview of the Market
  - 3.2. Overview of Key Market Segmentations
  - 3.3. Overview of Key Market Players
  - 3.4. Overview of Key Regions/Countries
  - 3.5. Overview of Market Drivers, Challenges, and Trends

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4. Impact of COVID-19 on Global Naphthalene Market
5. Global Naphthalene Market Outlook
  - 5.1. Market Size & Forecast
    - 5.1.1. By Value
  - 5.2. Market Share & Forecast
    - 5.2.1. By Sales Channel (Direct, Indirect)
    - 5.2.2. By End Use (Chemical Synthesis, Agriculture, Dye stuffs, Pharmaceuticals, Consumer Goods, Others)
    - 5.2.3. By Region
    - 5.2.4. By Company (2024)
  - 5.3. Market Map
6. North America Naphthalene Market Outlook
  - 6.1. Market Size & Forecast
    - 6.1.1. By Value
  - 6.2. Market Share & Forecast
    - 6.2.1. By Sales Channel
    - 6.2.2. By End Use
    - 6.2.3. By Country
  - 6.3. North America: Country Analysis
    - 6.3.1. United States Naphthalene Market Outlook
      - 6.3.1.1. Market Size & Forecast
        - 6.3.1.1.1. By Value
      - 6.3.1.2. Market Share & Forecast
        - 6.3.1.2.1. By Sales Channel
        - 6.3.1.2.2. By End Use
    - 6.3.2. Mexico Naphthalene Market Outlook
      - 6.3.2.1. Market Size & Forecast
        - 6.3.2.1.1. By Value
      - 6.3.2.2. Market Share & Forecast
        - 6.3.2.2.1. By Sales Channel
        - 6.3.2.2.2. By End Use
    - 6.3.3. Canada Naphthalene Market Outlook
      - 6.3.3.1. Market Size & Forecast
        - 6.3.3.1.1. By Value
      - 6.3.3.2. Market Share & Forecast
        - 6.3.3.2.1. By Sales Channel
        - 6.3.3.2.2. By End Use
7. Europe Naphthalene Market Outlook
  - 7.1. Market Size & Forecast
    - 7.1.1. By Value
  - 7.2. Market Share & Forecast
    - 7.2.1. By Sales Channel
    - 7.2.2. By End Use
    - 7.2.3. By Country
  - 7.3. Europe: Country Analysis
    - 7.3.1. France Naphthalene Market Outlook
      - 7.3.1.1. Market Size & Forecast
        - 7.3.1.1.1. By Value

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- 7.3.1.2. Market Share & Forecast
  - 7.3.1.2.1. By Sales Channel
  - 7.3.1.2.2. By End Use
- 7.3.2. Germany Naphthalene Market Outlook
  - 7.3.2.1. Market Size & Forecast
    - 7.3.2.1.1. By Value
  - 7.3.2.2. Market Share & Forecast
    - 7.3.2.2.1. By Sales Channel
    - 7.3.2.2.2. By End Use
- 7.3.3. United Kingdom Naphthalene Market Outlook
  - 7.3.3.1. Market Size & Forecast
    - 7.3.3.1.1. By Value
  - 7.3.3.2. Market Share & Forecast
    - 7.3.3.2.1. By Sales Channel
    - 7.3.3.2.2. By End Use
- 7.3.4. Italy Naphthalene Market Outlook
  - 7.3.4.1. Market Size & Forecast
    - 7.3.4.1.1. By Value
  - 7.3.4.2. Market Share & Forecast
    - 7.3.4.2.1. By Sales Channel
    - 7.3.4.2.2. By End Use
- 7.3.5. Spain Naphthalene Market Outlook
  - 7.3.5.1. Market Size & Forecast
    - 7.3.5.1.1. By Value
  - 7.3.5.2. Market Share & Forecast
    - 7.3.5.2.1. By Sales Channel
    - 7.3.5.2.2. By End Use
- 8. Asia Pacific Naphthalene Market Outlook
  - 8.1. Market Size & Forecast
    - 8.1.1. By Value
  - 8.2. Market Share & Forecast
    - 8.2.1. By Sales Channel
    - 8.2.2. By End Use
    - 8.2.3. By Country
  - 8.3. Asia Pacific: Country Analysis
    - 8.3.1. China Naphthalene Market Outlook
      - 8.3.1.1. Market Size & Forecast
        - 8.3.1.1.1. By Value
      - 8.3.1.2. Market Share & Forecast
        - 8.3.1.2.1. By Sales Channel
        - 8.3.1.2.2. By End Use
    - 8.3.2. India Naphthalene Market Outlook
      - 8.3.2.1. Market Size & Forecast
        - 8.3.2.1.1. By Value
      - 8.3.2.2. Market Share & Forecast
        - 8.3.2.2.1. By Sales Channel
        - 8.3.2.2.2. By End Use

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- 8.3.3. South Korea Naphthalene Market Outlook
  - 8.3.3.1. Market Size & Forecast
    - 8.3.3.1.1. By Value
  - 8.3.3.2. Market Share & Forecast
    - 8.3.3.2.1. By Sales Channel
    - 8.3.3.2.2. By End Use
- 8.3.4. Japan Naphthalene Market Outlook
  - 8.3.4.1. Market Size & Forecast
    - 8.3.4.1.1. By Value
  - 8.3.4.2. Market Share & Forecast
    - 8.3.4.2.1. By Sales Channel
    - 8.3.4.2.2. By End Use
- 8.3.5. Australia Naphthalene Market Outlook
  - 8.3.5.1. Market Size & Forecast
    - 8.3.5.1.1. By Value
  - 8.3.5.2. Market Share & Forecast
    - 8.3.5.2.1. By Sales Channel
    - 8.3.5.2.2. By End Use
- 9. South America Naphthalene Market Outlook
  - 9.1. Market Size & Forecast
    - 9.1.1. By Value
  - 9.2. Market Share & Forecast
    - 9.2.1. By Sales Channel
    - 9.2.2. By End Use
    - 9.2.3. By Country
  - 9.3. South America: Country Analysis
    - 9.3.1. Brazil Naphthalene Market Outlook
      - 9.3.1.1. Market Size & Forecast
        - 9.3.1.1.1. By Value
      - 9.3.1.2. Market Share & Forecast
        - 9.3.1.2.1. By Sales Channel
        - 9.3.1.2.2. By End Use
    - 9.3.2. Argentina Naphthalene Market Outlook
      - 9.3.2.1. Market Size & Forecast
        - 9.3.2.1.1. By Value
      - 9.3.2.2. Market Share & Forecast
        - 9.3.2.2.1. By Sales Channel
        - 9.3.2.2.2. By End Use
    - 9.3.3. Colombia Naphthalene Market Outlook
      - 9.3.3.1. Market Size & Forecast
        - 9.3.3.1.1. By Value
      - 9.3.3.2. Market Share & Forecast
        - 9.3.3.2.1. By Sales Channel
        - 9.3.3.2.2. By End Use
  - 10. Middle East and Africa Naphthalene Market Outlook
    - 10.1. Market Size & Forecast
      - 10.1.1. By Value

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- 10.2. Market Share & Forecast
  - 10.2.1. By Sales Channel
  - 10.2.2. By End Use
  - 10.2.3. By Country
- 10.3. MEA: Country Analysis
  - 10.3.1. South Africa Naphthalene Market Outlook
    - 10.3.1.1. Market Size & Forecast
      - 10.3.1.1.1. By Value
    - 10.3.1.2. Market Share & Forecast
      - 10.3.1.2.1. By Sales Channel
      - 10.3.1.2.2. By End Use
  - 10.3.2. Saudi Arabia Naphthalene Market Outlook
    - 10.3.2.1. Market Size & Forecast
      - 10.3.2.1.1. By Value
    - 10.3.2.2. Market Share & Forecast
      - 10.3.2.2.1. By Sales Channel
      - 10.3.2.2.2. By End Use
  - 10.3.3. UAE Naphthalene Market Outlook
    - 10.3.3.1. Market Size & Forecast
      - 10.3.3.1.1. By Value
    - 10.3.3.2. Market Share & Forecast
      - 10.3.3.2.1. By Sales Channel
      - 10.3.3.2.2. By End Use
- 11. Market Dynamics
  - 11.1. Drivers
  - 11.2. Challenges
- 12. Market Trends & Developments
  - 12.1. Merger & Acquisition (If Any)
  - 12.2. Product Launches (If Any)
  - 12.3. Recent Developments
- 13. Global Naphthalene Market: SWOT Analysis
- 14. Porters Five Forces Analysis
  - 14.1. Competition in the Industry
  - 14.2. Potential of New Entrants
  - 14.3. Power of Suppliers
  - 14.4. Power of Customers
  - 14.5. Threat of Substitute Products
- 15. Competitive Landscape
  - 15.1. Koppers Inc.
    - 15.1.1. Business Overview
    - 15.1.2. Company Snapshot
    - 15.1.3. Products & Services
    - 15.1.4. Financials (As Reported)
    - 15.1.5. Recent Developments
    - 15.1.6. Key Personnel Details
    - 15.1.7. SWOT Analysis
  - 15.2. Fangda Carbon New Material Co., Ltd.

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- 15.3. Industrial Quimica del Nalon S.A
- 15.4. DEZA a. s.
- 15.5. Rain Carbon Inc.
- 15.6. Himadri Specialty Chemical Ltd.
- 15.7. JFE Chemical Corporation
- 15.8. Epsilon Carbon Private Limited
- 15.9. Pingdingshan Aosida Technology Co Ltd
- 15.10. Kedia Carbon Private Ltd
16. Strategic Recommendations
17. About Us & Disclaimer

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