

# Global Naphthalene Market Size study, by Source (Coal Tar, Petroleum) by Application (Phthalic Anhydride, Naphthalene Sulfonates, Low-Volatility Solvents, Moth Repellent, Pesticides, Other Applications) and Regional Forecasts 2022-2032

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## Abstracts

Global Naphthalene Market is valued at approximately USD 4.96 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 3.10% over the forecast period 2024-2032. Naphthalene is a crystalline, aromatic hydrocarbon composed of two benzene rings fused together. It is commonly found in coal tar and petroleum. During coal-tar processing, naphthalene is obtained as a by-product from the carbonization of coal. This involves heating coal tar in the absence of air to produce coke, coal gas, and coal tar. The subsequent distillation process yields various fractions also with naphthalene. Naphthalene is used as a raw material in the production of various chemicals, including dyes, insecticides, and lubricants. It is also known for its use as a moth repellent, where solid naphthalene balls are placed in closets or storage areas to deter moths and other pests. The rise in shift towards eco-friendly products is a key trend that is supporting the growth of the Global Naphthalene Market. There is an inclination towards eco-friendly and sustainable products across industries. As a result, manufacturers are developing naphthalene-based products that comply with environmental regulations and offer reduced environmental impact.

The market for naphthalene is on the rise, driven by its expanding applications in the construction sector as a plasticizer in different concrete admixtures, particularly naphthalene sulfonate formaldehyde. Additionally, there is a growing demand for products such as mothballs, surfactants, and pesticides that utilize naphthalene. At room temperature, naphthalene instantly transforms from a solid into a gas, releasing odors that keep moths and other insects away and shield textiles and clothing from

damage. Accordingly, this is resulting in the higher demand of the naphthalene across the globe. Moreover, the rapid urbanization and rising infrastructural development is acting as a catalyzing factor for the growth of the Global Naphthalene Market. There is a rise in infrastructure projects such as roads, bridges, buildings, and other constructions as urbanization continues to accelerate globally. These developments drive the need for construction materials like concrete admixtures containing naphthalene. Also, agriculture is another key sector driving naphthalene demand, especially in agrochemical applications such as pesticides, herbicides, and plant growth regulators. The need for crop protection and enhanced agricultural productivity propels the use of naphthalene-based products. However, stringent environmental regulations regarding VOC emissions, along with the health hazards associated with the use of naphthalene is expected to stifle market growth between the studied period of 2022-2032.

The key regions considered for the global Naphthalene Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, the Asia-Pacific region is poised to dominate the naphthalene market in terms of market revenue due to high consumption in countries such as China and India. This growth is fueled by the burgeoning construction and agriculture sectors in these nations. The approval of major construction projects, particularly in India, China, and Japan, is projected to boost naphthalene demand in the region. Whereas, the naphthalene market in North America accounted for a significant market at the fastest rate over the anticipated years.

Major market player included in this report are:

Rain Carbon Inc.

ExxonMobil Corporation

Epsilon Carbon Private Limited

CARBOTECH Group

JFE Chemical Corporation

Koppers Inc.

PCC Rokita SA

Gautam Zen International

Dong-Suh Chemical Ind. Co., Ltd.

Tulstar Products Inc.

The detailed segments and sub-segment of the market are explained below:

By Source

Coal Tar

## Petroleum

### By Application

Phthalic Anhydride

Naphthalene Sulfonates

Low-Volatility Solvents

Moth Repellent

Pesticides

Other Applications

### By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

**Key Takeaways:**

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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