Naphthalene Market Research Report - Global Forecast till 2025

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Description:

Naphthalene Market Research Report: Information by Source (Coal Tar and Petroleum), Application (Plasticizer, Pesticide, Surfactant & Wetting Agent and others), Application (Plasticizer, Pesticide, Surfactant & Wetting Agent and others), End-Use Industry (Agriculture, Building & Construction, Textile, Chemical, Polymer, Pharmaceutical and others) and Region (Asia-Pacific, North America, Europe, Latin America and Middle East & Africa) - Forecast till 2025.

The Global Naphthalene Market is projected to grow at 3.5% CAGR during the forecast period. Naphthalene is a white crystalline organic aromatic compound. It is very volatile and sublimes slowly at room temperature. Naphthalene is derived from coal tar and petroleum fractions during refining. Various artificially synthesized naphthalene compounds are used as precursors in the production of other chemicals. For instance, naphthalene sulfonic acids are used in synthesis of various dyestuffs, pharmaceuticals, and other chemicals. In addition, it also finds applications in several end-use industries such as textile, building & construction, rubber, and agrochemical.

The global market is expected to be driven by the increased demand for naphthalene as a precursor in the production of construction chemicals and agrochemicals. This is primarily attributed to the increasing demand for plasticizers in concrete to improve workability and strength. For instance, naphthalene sulfonate polymers commonly known as superplasticizer is used in the production of high strength and fiber-reinforced concrete. Additionally, the surging demand for naphthalene derivatives to produce insecticides in the agrochemical industry is likely to fuel the demand for naphthalene in the coming years.

In addition to this, the increasing use of naphthalene-based compounds as dye dispersing agents and intermediates in the preparation of synthetic dyes in textile industry is further creating lucrative opportunities for the players operating in the global naphthalene market.

However, acute exposure of naphthalene and its subsequent derivates can cause health-related hazards such as cataract, hemolytic anemia, retinal hemorrhage, and cancer, which is likely to hamper its growth of the market. Additionally, the stringent government regulations regarding the use of naphthalene and derivatives are expected to pose a threat to global naphthalene market. For instance, on account of VOC emissions and health issues related to naphthalene, the European Union (EU) has banned the supply of naphthalene-based products since 2008.

Global Naphthalene Market Share, by Region, 2018 (%)

The global naphthalene market is analyzed for five major regions, namely, North America, Asia-Pacific, Europe, Latin America, and the Middle East & Africa.

The market in Asia-Pacific dominates the naphthalene market and is projected to register highest the CAGR during the forecast period owing to the rising industrialization and rapid constructional activities in the region. This is largely attributed to the increase in demand for naphthalene derivatives such as naphthalene sulfonate formaldehyde (NFS) in concrete admixtures and to manufacture plasterboards. Additionally, the augmenting use of naphthalene products in the production of fumigant insecticides on account of vast arable lands coupled with rising demand for high-quality crop protection chemicals is expected to drive the regional market demand. China is the largest consumer of naphthalene in the region. Moreover, the growing exports of pesticides from the country is further propelling the naphthalene demand. For instance, in 2017, the total export value for pesticides in China reached USD 6,760 million, with the insecticide segment comprising 28.2% of the total export volume. Furthermore, India and other Southeast Asian countries are propelling the naphthalene market growth in the region.

North America accounted for a substantial market share in 2018. The growing demand for plasticizer to produce concrete and plasterboards for constructional applications coupled with the rising residential and commercial activities in the US is expected to drive the market. In addition, the use of naphthalene in the production of various intermediates in pharmaceutical and coatings industry is further augmenting the growth.

The European regional market is expected to register moderate growth during the forecast period owing to the consumption of naphthalene sulfonates as constructional additives coupled with the expansion activities carried out by major players. For instance, in 2017, BASF SE commissioned a new plant in Saint Petersburg to produce concrete additives based on lignosulfonates and naphthalene sulfonates and others. However, the escalating environmental concerns in Eastern Europe is obstructing the regional growth of the naphthalene market.

Latin America and the Middle East & Africa are expected to show substantial growth during the forecast period owing to the increasing construction activities and growing industrialization in the region.

Segmentation

The global naphthalene market has been segmented based on source, application, end-use industry, and region.

By source, the global market has been bifurcated into coal tar and petroleum.

Based on application, the global market has been categorized as plasticizer, pesticide, surfactant & wetting agent, and others.

Based on end-use industry, the market has been classified into agriculture, building & construction, textile, chemical, polymer, pharmaceuticals, and others.
By region, the market has been categorized as North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa.

**Key Players**

Koppers Inc. (US), Merck KGaA (Germany), BASF SE (Germany), Industrial Química del Nalón S.A. (Spain), PCC Rokita SA (Poland), Carbon Tech & Sepahan Chimie complex (Iran), DEZA a. s. (Czech Republic), Compro Shijiazhuang Fine Chemical Co (China), Rain Carbon Inc.(India), WUXI KINGHAN BIO-MEDICAL&CHEMICAL INC. (China) are some of the key players in the global naphthalene market.

**Intended Audience**

- Traders and distributors of Naphthalene
- Potential investors
- Raw material suppliers
- Naphthalene manufacturers
- Distributors
- Industry associations

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