

# **Nano-chemicals Market (By Type: Zeolites, Clay, Activated Carbon, Silica Gel, Activated Alumina and Others; By Application: Petroleum Refining, Pet Litter, Water Treatment, Food and Beverages, Chemical Processing, Plastic Processing, Environmental, Detergents and Others; By Geography: North America, Europe, Asia-Pacific and RoW) Global Scenario, Market Size, Outlook, Trend and Forecast, 2015 - 2024**

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## **Abstracts**

Global Nano-chemicals Market is estimated to reach \$12.8 Billion by 2024 with CAGR of 8.2% between 2016 and 2024. Nano chemicals are the chemicals produced by using nanotechnology on conventional chemical building blocks such as propane, ethane, and butane. Nano chemicals display beneficial properties such as self-catalysis, anti-corrosion as compared to other conventional chemicals. These chemicals bring out chemical reactions in a lesser amount of time. As, the global economy is likely to improve progressively over the forecast period. As the global economy advances, the per capita income is also expected to increase which in turn is expected to increase the demand for innovative and technologically advanced products such as nano chemicals. Wide range of these chemicals are developed to build nanoscale nano based medical cures, electronics, and nanoscale manufacturing with self-assembly capability. Zirconia, aluminum oxide and, silica are key nano size chemicals.

Quick technological advancement is anticipated to augment the global nanoscale chemicals market growth. The market is expected to grow due to the projected growth in the construction sector, as nanoscale materials are widely used in the construction

industry to enhance the material properties. Nanoscale chemicals are also extensively used in the medical industry, and expected growth in the industry is expected to enlarge the growth in the market over the forecast period. Though, the status of the nanoscale chemicals is on the rise in established economies, they have little awareness among underdeveloped or developing regions and this is hindering the growth for the market.

The global nano chemicals market has been categorized as type, application and geography. Type segment is further bifurcated into zeolites, clay, activated carbon, silica gel, activated alumina and others. By application, the market has been segmented as petroleum refining, pet litter, water treatment, food and beverages, chemical processing, plastic processing, environmental, detergents and others. By geography, the global nano chemicals market is segmented into North America, Europe, Asia-Pacific, and Rest of the world (RoW). The U.S., Canada, and Mexico are covered under North America wherein Europe covers UK, Russia, Norway, and Rest of Europe. Asia-Pacific covers China, India, Indonesia and Rest of Asia-Pacific. Rest of the World covers South America, Middle East, and Africa.

Key players in the global nano chemicals market Du Pont de Nemours and Company, Akzo Nobel N.V, Graphene NanoChem, ANP Co.,Ltd, BASF SE, Qinhuangdao Taiji Ring Nano-Products Co., Ltd., NanoMas Technologies, Carbon Nanotechnologies, Altair Nanotechnologies, and Advanced Nano Products.

The key takeaways from the report

The report will provide a detailed analysis of Global Nano Chemicals Market with respect to major segments such as type, application, and geography

The report will include the qualitative and quantitative analysis with market estimation over 2015 - 2024 and compound annual growth rate (CAGR) between 2016 and 2024

Comprehensive analysis of market dynamics including factors and opportunities will be provided in the report

An exhaustive regional analysis of Global Nano Chemicals Market from 2015 to 2024 will be included in the report

Profile of the key players in the Global Nano Chemicals Market will be provided,

which include key financials, product & services, new developments and business strategies

## Scope of the Global Nano Chemicals Market

### Type Segment

Zeolites

Clay

Activated Carbon

Silica Gels

Activated Alumina

Other Types

### Application Segment

Petroleum Refining

Pet Litter

Water Treatment

Food and Beverages

Chemical Processing

Plastic Processing

Environmental

Detergents

Other Applications

Geographical Segment

North America

U.S.

Canada

Mexico

Europe

UK

Norway

Russia

Rest of Europe

Asia Pacific

China

India

Indonesia

Rest of Asia-Pacific

RoW

South America

Middle East

Africa

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