

# **Cumene: By Product (Zeolite, Solid phosphoric acid, and Aluminum chloride), By Application (Phenol/Acetone, Paints and Enamels, High-octane Aviation Fuels, and Others), And Region – Global Analysis of Market Size, Share & Trends For 2019–2020 And Forecasts To 2031**

<https://marketpublishers.com/r/C09D529087A3EN.html>

Date: May 2023

Pages: 371

Price: US\$ 4,950.00 (Single User License)

ID: C09D529087A3EN

## **Abstracts**

Cumene: By Product (Zeolite, Solid phosphoric acid, and Aluminum chloride), By Application (Phenol/Acetone, Paints and Enamels, High-octane Aviation Fuels, and Others), And Region – Global Analysis of Market Size, Share & Trends For 2019–2020 And Forecasts To 2031

### **PRODUCT OVERVIEW**

Cumene, also known as isopropyl benzene, is a volatile chemical compound formed when aromatic hydrocarbons are substituted with aliphatic hydrocarbons. It's a flammable, colorless liquid. It's a key ingredient in the production of refined crude oil and fuels, as well as a chemical base for the production of cumene hydro peroxide, phenol, and acetone. It's also used to make thinners, preservatives, enamels, lacquers, adhesives, sealants, and solvents in paints, among other petroleum-based items. As a result, it is widely used in a variety of industries, including chemical, petrochemical, plastic, and oil and gas.

### **MARKET HIGHLIGHTS**

Global Cumene market is expected to project a notable CAGR of 8.1% in 2031.

Global Cumene to surpass USD 45.8 billion by 2031 from USD 21.1 billion in 2021 at a CAGR of 8.1% in the coming years, i.e., 2021-31. Cumene's market is driven by the growing demand for fennel in the plastics industry. Plastic is made using fennel, and acetone is used as a solvent. The growing usage of plastics in the automotive, packaging, consumer goods, and cosmetic industries, among other industries, is propelling the cumene market forward.

## GLOBAL CUMENE: SEGMENTS

Phenol/Acetone segment to grow with the highest CAGR during 2021-31

Based on Application global Cumene is segmented into Phenol/Acetone, Paints and Enamels, High-octane Aviation Fuels, and Others. During the projected period, phenol/acetone segment is projected to grow. Due to rising demands for phenolic resins and bisphenol-A, as well as increased use of acetone or its derivatives, the phenol/acetone segment has the most market potential. Furthermore, the growing usage of cumene in adhesives & sealant chemicals is propelling the market forward. Due to rising demand for polycarbonates and steady expansion with per capita disposable income, cumene's application in paints and enamels has seen significant growth. In the future, investment in Research and development activities are projected to give prospects for growth.

Zeolite segment to grow with the highest CAGR during 2021-31

Based on Application global Cumene is segmented into Zeolite, Solid phosphoric acid, and Aluminum chloride. For the manufacture of cumene in modern industrial procedures, zeolites are used as a catalyst. Over aluminum chloride, zeolites have a number of advantages. The usage of zeolite helps to avoid the development of olefin oligomers as well as polyalkylbenzenes. Alkylation can also be achieved at lower pressures and temperatures thanks to the catalyst. These reactions can take place in either liquid or gaseous form. However, a gaseous phase is used to achieve high conversion & stable products.

## MARKET DYNAMICS

### Drivers

Increasing demand of phenol

Increasing demand for high-octane cumene

Restraint

Health risk and environmental concerns

GLOBAL CUMENE:

Key Players

Royal Dutch Shell

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Exxon Mobil

Sumitomo Chemical

Axiall

SABIC

The Dow Chemical

JX Nippon Oil

KMG Chemicals

KenolKobil

Formosa Plastics

Other prominent Players

## GLOBAL CUMENE: REGIONS

Global Cumene market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific and the Middle East and Africa. Asia Pacific was indeed the dominant market, accounting for highest of total market revenue. The region is predicted to increase at a CAGR during forecast period. Growth in the automotive and construction industries, as well as technological advancements, are expected to boost the market in the area over the upcoming years, particularly in some nations.

## GLOBAL CUMENE REPORT ALSO CONTAINS ANALYSIS ON:

### Cumene Segments:

#### By Product

Zeolite

Solid phosphoric acid

Aluminum chloride

#### By Application

Phenol/Acetone

Paints and Enamels

High-octane Aviation Fuels

Others

Cumene Dynamics

Cumene Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

## Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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