

## Global Zeolites Market – Products and Applications

“The report reviews, analyzes and projects the global market for Zeolites for the period 2018-2027. The market for Zeolites product types analyzed in this report comprise Natural Zeolites and Synthetic Zeolites. The sub-types of Zeolites studies for their global market includes Natural Zeolites – Clinoptilolite and Others; Synthetic Zeolites - Type A, Type X, Type Y, USY and ZSM-5. Zeolites applications global market explored in this study for Agriculture, Animal Feed, Building & Construction, Detergents, Oil Refining & Petrochemicals, Water & Wastewater Treatment and Others.”

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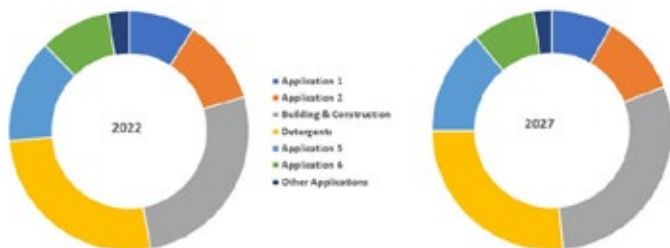
### Report Synopsis

Zeolites are most widely used in the production of detergents, with other major applications for the materials being building & construction, water and wastewater treatment and oil refining & petrochemicals. Of the two types of zeolites, the demand for the natural variety is marginally larger, though the market for synthetic zeolites is likely to grow at a faster rate. These materials are widely used as builders in detergents as fluid catalytic cracking (FCC) catalysts in the petroleum industry and as adsorbents/desiccants in the construction, natural gas and environmental sectors.

Zeolites industry is adversely impacted by Covid-19 and Russia-Ukraine war and other negative global developments over the short term period, prospects for the longer term augur well, considering the important role played by these products across a spectrum of application areas and industries.

Detergents and Building & Construction constitute the principal applications for Zeolites, the global demand for which is estimated at US\$3.1 billion each in 2022 while the worldwide market for Zeolites in Building & Construction applications is likely to log the fastest growth during 2022-2027 and becomes the largest application for Zeolites by 2027.

Global Zeolites Market Analysis by Application (2022 - 2027)



Source: Industry Experts, Inc. <https://industry-experts.com>

### Research Findings & Coverage

- This global market research report on Zeolites analyzes the market with respect to product types/sub-types and applications
- Zeolites market size is estimated/projected in this report by product type/sub-type and by application across all major countries

- Copper-Exchanged Zeolites Enable Efficient Direct Conversion of Methane into Methanol
- Zeolites Being Used Widely in Removing Heavy Metals from Industrial Wastewater
- Layered Zeolites Gaining Wider Attention
- Zeolites Come to the Fore in Air Pollution Remediation
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 55
- The industry guide includes the contact details for 138 companies

### Product Outline

The market for product types/sub-types of Zeolites studied in this report comprise the following:

- Natural Zeolites
  - Clinoptilolite
  - Other Natural Zeolites
- Synthetic Zeolites
  - Type A
  - Type X
  - Type Y
  - USY
  - ZSM-5

The report analyzes the market for the following application sectors of Zeolites:

- Agriculture
- Animal Feed
- Building & Construction
- Detergents
- Oil Refining & Petrochemicals
- Water & Wastewater Treatment
- Other Applications

### Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Zeolites market for the period 2018-2027 in terms of value in US\$; and the compound annual growth rates (CAGRs) projected from 2022 through 2027.

### Geographic Coverage

- **North America** (The United States and Mexico)
- **Europe** (France, Germany, Italy, Russia, Spain, the United Kingdom and Rest of Europe)
- **Asia-Pacific** (China, India, Japan, South Korea and Rest of Asia-Pacific)
- **South America** (Argentina, Brazil and Rest of South America)
- **Middle East & Africa**

## SAMPLE COMPANY PROFILE

### HONEYWELL UOP (UNITED STATES)

Des Plaines, Illinois, United States  
Phone: 1 708-442-4090  
www.uop.honeywell.com

#### Business Overview

Established in 1999 via the merger of AlliedSignal, Inc., and Honeywell, Inc., Honeywell International, Inc., is a multinational advanced technology company, engaged in manufacturing and providing aerospace & automotive products, residential, commercial & industrial control systems, specialty chemicals & plastics and engineered materials. Honeywell UOP has been the leader in the adsorbents industry, credited with developing the first synthetic zeolites for use as molecular sieves in 1949. The company offers customized solutions for the selective elimination of moisture and contaminants in a variety of application areas, including air separation, coatings, sealants & adhesives, environmental & personal care, medical oxygen, nuclear waste remediation, refrigerant drying, transportation air brakes and windows. Honeywell's petrochemical zeolite catalysts enable in improving the industry's processes in the areas of aromatics, detergents and olefins. Refining catalysts from the company include Unity™ Hydrocracking Catalysts, Unity™ Hydrotreating Catalysts, Isomerization Catalysts covering a wide range of applications, Merox™ Treating Catalysts and Reforming Catalysts.

UOP adsorbent portfolio encompasses petrochemical adsorbents, refining adsorbents, natural gas adsorbents, specialty adsorbents (to remove moisture and contaminants), and UOP ARMGuard™ systems. The specialty adsorbents offered by UOP include high-performance molecular sieves, such as ABSCENTS™ zeolite deodorizing and warming powders to remove odors in personal care and cosmetic applications, and UOP HISIV™ adsorbents to capture VOCs and air pollutants for better emission control; microporous, inorganic, crystalline IONSIV Selective Media adsorbents including alumino silicates (zeolites) and crystalline silicotitanates for nuclear waste remediation (cesium and/or strontium removal); Versal™ high-performance alumina powders, MOLSIV™ high-capacity molecular sieve and activated alumina adsorbents for air separation, MOLSIV™ adsorbent and activated powders for coatings, sealants & adhesives, OXYSIV™ molecular sieve adsorbents (OXYSIV 5XP, OXYSIV MDX) for medical oxygen applications, XH™ molecular sieve desiccants for refrigerant drying, MOLSIV™ desiccants for use in transportation air brakes, and molecular sieve adsorbents for residential and commercial sealed insulating glass windows. The catalyst systems offered by the company include petrochemical catalysts comprising zeolite catalysts, aromatic and aromatic derivative catalysts, detergent catalysts, and Oleflex™ olefin catalysts; and refining catalysts.

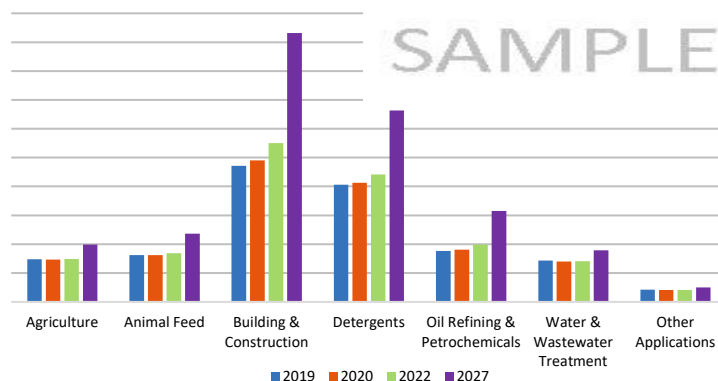
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## SAMPLE TABLE/CHART

Glance at 2022 Global Zeolites Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific, South America and Middle East & Africa



Asia-Pacific Zeolites Market Analysis (2018-2027) by Application – Agriculture, Animal Feed, Building & Construction, Detergents, Oil Refining & Petrochemicals, Water & Wastewater Treatment and Other Applications in USD Million



## KEY PLAYERS PROFILED

- Albemarle Corporation
- ANTEN Chemical Co., Ltd.
- Arkema SA
- BASF SE
- Blue Pacific Minerals Ltd.
- Calgon Carbon Corporation
- Clariant AG
- Honeywell UOP
- International Zeolite Corp.
- JGC Catalysts and Chemicals Ltd. (JGC C&C)
- Johnson Matthey
- KMI Zeolite Inc.
- KNT Group
- Milliporesigma
- National Aluminium Company Limited (Nalco)
- Ningbo Jiahe New Materials Technology Co Ltd
- PQ Corporation
- Showa Denko K.K.
- St. Cloud Mining Company
- Teague Mineral Products
- Tosoh Corporation
- W. R. Grace & Co.-Conn.
- Zeochem AG

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