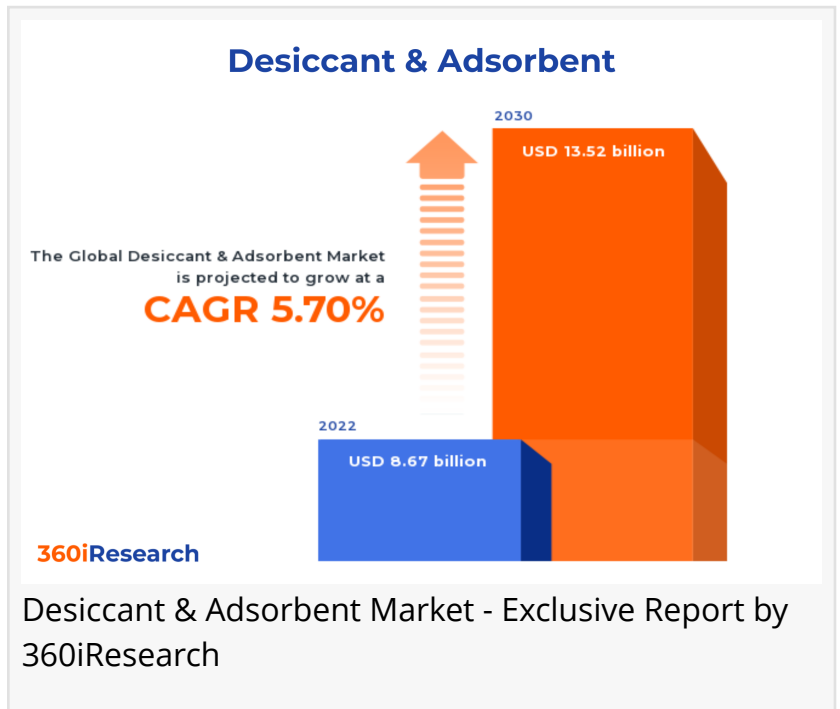


# Desiccant & Adsorbent Market worth \$13.52 billion by 2030, growing at a CAGR of 5.70% - Exclusive Report by 360iResearch

*The Global Desiccant & Adsorbent Market to grow from USD 8.67 billion in 2022 to USD 13.52 billion by 2030, at a CAGR of 5.70%.*

PUNE, MAHARASHTRA, INDIA ,  
November 15, 2023 /  
EINPresswire.com/ -- The "[Desiccant & Adsorbent Market](#) by Product (Activated Alumina, Activated Carbon, Ceramic Balls), Application (Abrasives, Construction, Oil & Gas) - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.



The Global Desiccant & Adsorbent Market to grow from USD 8.67 billion in 2022 to USD 13.52 billion by 2030, at a CAGR of 5.70%.

Request a Free Sample Report @ [https://www.360iresearch.com/library/intelligence/desiccant-adsorbent?utm\\_source=einpresswire&utm\\_medium=referral&utm\\_campaign=sample](https://www.360iresearch.com/library/intelligence/desiccant-adsorbent?utm_source=einpresswire&utm_medium=referral&utm_campaign=sample)

Desiccants are specialized drying agents that remove moisture from various materials, including solvents or insoluble compounds that absorb moisture owing to their compound properties. Porous adsorbents such as activated clay, silica gel, or molecular sieves use physical adsorption instead of chemical adsorption to protect the products. Desiccants keep a sealed package's contents from being damaged by humidity. Static adsorption & desiccation are used in noble gas separation, precipitation titration, and chromatographic methods in which the adsorbent or desiccant passively absorbs water and other contaminants. Huge demand is observed for desiccants & adsorbents in the oil & gas sector, the packaging business, and water treatment in developing economies, significantly increasing the utilization of desiccants & adsorbents. However, uncertain prices of raw materials and limited usability impede the adoption of desiccants & adsorbents. In addition, developing new-generation adsorbents and emerging

production technologies is expected to create robust opportunities for creating desiccants & adsorbents.

**Product:** Extensive range of varied products used in gas, petroleum, and petrochemical plants

Activated alumina, which is a highly porous form of aluminum oxide. It is commonly used for water treatment and purification, as well as catalysts in the oil industry. Additionally, activated alumina finds applications in fluorescence in forensic and life sciences. Another effective adsorbent is activated carbon, which is known for its ability to adsorb pollutants and contaminants. Due to its wide range of pores and large surface area, activated carbon is commonly used in water treatment, air purification, and medical treatments. Ceramic balls, on the other hand, possess physical strength and thermal stability. They also have an absorbent capacity that makes them ideal for protecting more delicate catalysts in petrochemical applications. Molecular sieves are composed of alkali or alkaline earth metal aluminosilicates. They exhibit a strong selectivity and higher absorbent capacity for gasses and small molecule compounds. As a result, molecular sieves are extensively used in petrol refineries and natural gas drying processes. Silica gel, a nontoxic desiccant, is widely utilized for its strong affinity for water molecules. Its applications include food and pharmaceutical packing, electronics, and document preservation.

**Application:** Rising penetration of molecular sieves and silica gel in refractory and water treatment operation

Abrasives are utilized across a range of industries due to their exceptional properties. From construction fields to oil and gas operations, petrochemicals, and pharmaceuticals, they play a crucial role. These versatile materials can be employed in various processes such as grinding, polishing, sandblasting, and stone cutting. In the oil and gas industry, they are essential for drilling operations and maintenance. Additionally, they are useful in refractory and water treatment plants for grinding, cutting, cleaning equipment, and descaling. The significance of abrasives extends beyond surface alteration; they also contribute to prolonging machinery lifespan by reducing wear and tear and optimizing expenses. With their versatile applicability and numerous benefits, abrasives have become integral components in many industries.

**Regional Insights:**

In North America, major chemical-producing companies are increasing their production capacity to meet domestic chemical demand. Adsorbents such as silica gel, synthetic resins, molecular sieves, polymeric adsorbents, and activated carbon are becoming more popular across the region due to their numerous potential advantages, including superior thermal stability and abrasion resistance. In the Asia-Pacific region, the growing public health concerns associated with the scarcity of freshwater and ongoing widespread programs to remove fluoride and sulfur from drinking water by several emerging countries are enhancing the utilization of desiccants & adsorbents. Rapidly growing population along with massive infrastructure development has improved regional wastewater management, thereby increasing the need for desiccants & adsorbents to remove non-degradable organic contaminants from groundwater. In the Middle East, adsorbents such as zeolite molecular sieves, active carbon, impregnated carbons, resins,

and polymers play a significant role in the oil & gas sector.

#### FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Desiccant & Adsorbent Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

#### Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Desiccant & Adsorbent Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

#### Key Company Profiles:

The report delves into recent significant developments in the Desiccant & Adsorbent Market, highlighting leading vendors and their innovative profiles. These include Almatris B.V., Ashirwad Chemicals, Axens SA, BASF SE, Calgon Carbon Corporation, CWK Chemiewerk Bad Kostritz GmbH, Desicca Chemicals Pvt. Ltd., Drytech Incorporated, Edco Supply Corporation, Fuji Silysia Chemical Ltd., Global Adsorbents Pvt. Ltd., Guangdong Xintao Technology Co. Ltd., Hengye Inc., Honeywell International Inc., Jiangxi Xintao Technology Co., Ltd., KNT Group, Merck KGaA, Munters Corporation, Osaka Gas Chemicals Co. Ltd., Porocel Corporation by Evonik Industries AG, Shanghai Chenxu Trading Co., Ltd., Shanghai Jiuzhou Chemicals Co. Ltd., Shiv Chemicals, Silica-Gel Desiccant, Suprabha Protective Products Pvt. Ltd., Tropack Packmittel GmbH, Wisesorbent Technology LLC, Xiamen Wintrustek Advanced Materials Co., Ltd., and Zeolites and Allied Products Pvt. Ltd..

Inquire Before Buying @ [https://www.360iresearch.com/library/intelligence/desiccant-adsorbent?utm\\_source=einpresswire&utm\\_medium=referral&utm\\_campaign=inquire](https://www.360iresearch.com/library/intelligence/desiccant-adsorbent?utm_source=einpresswire&utm_medium=referral&utm_campaign=inquire)

#### Market Segmentation & Coverage:

This research report categorizes the Desiccant & Adsorbent Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Product, market is studied across Activated Alumina, Activated Carbon, Ceramic Balls, Molecular Sieves, Silica Gel, and Tabular Alumina. The Molecular Sieves commanded largest

market share of 42.44% in 2022, followed by Activated Alumina.

Based on Application, market is studied across Abrasives, Construction, Oil & Gas, Petrochemicals, Pharmaceuticals, Processing Industries, Refractories, and Water Treatment Plants. The Oil & Gas commanded largest market share of 16.43% in 2022, followed by Pharmaceuticals.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Americas commanded largest market share of 37.66% in 2022, followed by Europe, Middle East & Africa.

#### Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Desiccant & Adsorbent Market, by Product
7. Desiccant & Adsorbent Market, by Application
8. Americas Desiccant & Adsorbent Market
9. Asia-Pacific Desiccant & Adsorbent Market
10. Europe, Middle East & Africa Desiccant & Adsorbent Market
11. Competitive Landscape
12. Competitive Portfolio
13. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing

capabilities of the leading players

5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Desiccant & Adsorbent Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Desiccant & Adsorbent Market?
3. What is the competitive strategic window for opportunities in the Desiccant & Adsorbent Market?
4. What are the technology trends and regulatory frameworks in the Desiccant & Adsorbent Market?
5. What is the market share of the leading vendors in the Desiccant & Adsorbent Market?
6. What modes and strategic moves are considered suitable for entering the Desiccant & Adsorbent Market?

Read More @ [https://www.360iresearch.com/library/intelligence/desiccant-adsorbent?utm\\_source=einpresswire&utm\\_medium=referral&utm\\_campaign=analyst](https://www.360iresearch.com/library/intelligence/desiccant-adsorbent?utm_source=einpresswire&utm_medium=referral&utm_campaign=analyst)

Mr. Ketan Rohom  
360iResearch  
+1 530-264-8485  
[ketan@360iresearch.com](mailto:ketan@360iresearch.com)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/668657373>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.