

## **United States Desiccants Market Size Analysis Report - Market Share, Forecast Trends and Outlook (2025-2034)**

Market Report | 2025-08-11 | 104 pages | EMR Inc.

### **AVAILABLE LICENSES:**

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

### **Report description:**

The United States desiccants market value is estimated to grow at a CAGR of 4.30% in the forecast period of 2025-2034.

#### United States Desiccants Market Growth

A desiccant refers to a hygroscopic substance that is commonly used to keep products dry and stable by attracting moisture from the air either by physical adsorption or by chemical reaction. This reduces the humidity in the headspace of sealed containers.

The United States desiccants market dynamics and trends provide notable advantages, such as efficient moisture control that prolongs product shelf life and preserves quality in sectors like pharmaceuticals, electronics, and food packaging. Technological progress boosts desiccant performance, and their adaptability across different forms addresses a range of needs.

#### United States Desiccants Market Analysis

Desiccants contribute to cost savings by reducing spoilage and waste, helping companies meet regulatory standards, and supporting environmental sustainability through reusability and recyclability. Additionally, they increase product longevity, crucial for high-value items, and improve consumer satisfaction by ensuring products arrive in optimal condition, reducing returns and complaints and driving the United States desiccants industry growth.

#### United States Desiccants Industry Outlook

The U.S. desiccants industry revenue is poised for significant growth, driven by evolving trends in the packaging industry and the increasing need for moisture control solutions. Recent industry reports indicate a steady rise in the cost per unit of various packaging formats, including clamshells, jars, cans, bottles, and pouches. From 2012 to 2027, the cost of these packaging

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

materials has increased and is projected to continue seeing upward movement, reflecting the growing emphasis on product preservation and the need for advanced packaging solutions that include moisture control.

As the cost of packaging materials continues to increase, the demand for effective desiccants is expected to follow suit. Desiccants, which are critical in preventing moisture damage, are essential for maintaining the integrity of products, particularly in packaging types like pouches and bottles where moisture sensitivity is high. The rising costs also imply that manufacturers are investing more in ensuring the longevity and quality of their products, which further amplifies the importance of integrating desiccants into the packaging process.

The non-discounted spend on speciality and traditional packaging has seen a steady increase from USD 512.7 billion in 2019 to USD 639.0 billion by the end of January 2023. Speciality packaging has grown from USD 243.9 billion in 2019 to USD 325.7 billion in 2023, indicating a robust demand for packaging solutions that cater to high-value and sensitive products. This trend directly correlates with the increasing use of desiccants, especially in speciality packaging, where the need to protect products from environmental factors is critical. As speciality packaging continues to capture a larger share of the market, now accounting for 51% of sales, the role of desiccants becomes even more integral in ensuring product quality and customer satisfaction.

In the broader context, the venture capital investments in biosciences across leading U.S. states, such as California (USD 79.3 billion), Massachusetts (USD 41.4 billion), and New York (USD 18.4 billion), further bolster the growth potential of the desiccants market. The substantial investment in biosciences, encompassing pharmaceuticals, biotechnology, and advanced materials, underscores the need for advanced packaging solutions to safeguard sensitive products from moisture and contamination. This trend boosts the United States desiccants market revenue. As these industries grow, the demand for desiccants offering effective moisture control is expected to increase, especially in states with prominent bioscience sectors.

Desiccants are used across various industries, including pharmaceuticals, electronics, and packaging, ensuring the United States desiccants market demand.

- They extend the shelf life and stability of products by controlling moisture, which is crucial for maintaining quality.
- Innovations in desiccant materials and technologies improve efficiency and effectiveness, thus driving the United States desiccants market growth.

Intense competition and numerous players in the industry can lead to price pressures and reduced profit margins.

- Compliance with strict regulations, especially in pharmaceuticals and food packaging, can increase operational costs.
- The industry relies on specific raw materials, which can be subject to supply chain disruptions and price volatility.

The rise of e-commerce increases the demand for effective desiccants in packaging to protect products during transit.

- Expansion into developing regions offers new growth opportunities in the United States desiccants market due to increasing industrialization and consumer markets.
- Demand for eco-friendly and recyclable desiccant options presents opportunities for innovation and differentiation.

Economic downturns can impact industrial production and reduce demand for desiccants.

- Advances in alternative moisture control technologies may reduce reliance on traditional desiccants.
- Increasing environmental regulations may impose additional compliance costs and affect production practices.

Key Players in the United States Desiccants Market and their Key Initiatives

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

#### Clariant Ltd

- Expansion of its product portfolio within the desiccants market.
- Introduced a range of new desiccant solutions to meet the growing demand of the United States desiccants market.

#### Drytech Inc.

- Invested in research and development to create advanced desiccant products.
- Formed strategic alliances with key players in the packaging and logistics sectors to capture the United States desiccants market opportunities.

#### Wisesorbent Technology Llc

- Introduced eco-friendly desiccant products that minimize environmental impact.
- Invested in expanding its manufacturing facilities.

#### Multisorb Filtration Group

- Introduced customisable desiccant packs.
- Focused on enhancing its sustainability practices by developing eco-friendly desiccant products.

#### United States Desiccants Industry Segmentation

"United States Desiccants Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

##### Market Breakup by Process of Absorption

- Physical Absorption
- Chemical Absorption

##### Market Breakup by Type

- Silica Gel
- Zeolite
- Activated Alumina
- Activated Charcoal
- Calcium Chloride
- Clay
- Others

##### Market Breakup by Application

- Foods
- Electronics
- Pharmaceuticals

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- Packing
- Air and Gas Drying
- Others

## United States Desiccants Market Share

Physical absorption desiccants like silica gel are appreciated for their effective moisture control, reusability, and versatility in various applications, including packaging and electronics.

On the other hand, chemical absorption desiccants, such as molecular sieves and activated alumina, are noted for their high moisture absorption capacity and suitability for specialised applications, such as pharmaceuticals and food processing, where precise moisture control is essential. This ability is likely to drive the United States desiccants demand growth as they also provide superior performance in extreme conditions, like high temperatures or fluctuating pressures, ensuring dependable moisture management in challenging environments.

## Leading Companies in the United States Desiccants Market

The companies specialise in advanced desiccants like silica gel and molecular sieves, offering effective moisture control solutions with a focus on innovation, quality, and reliability.

- Clariant Ltd
- Drytech Inc.
- Wisesorbent Technology Llc
- Multisorb Filtration Group
- W. R. Grace & Co

## **Table of Contents:**

- 1 Executive Summary
  - 1.1 Market Size 2024-2025
  - 1.2 Market Growth 2025(F)-2034(F)
  - 1.3 Key Demand Drivers
  - 1.4 Key Players and Competitive Structure
  - 1.5 Industry Best Practices
  - 1.6 Recent Trends and Developments
  - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
  - 2.1 Market Trends
  - 2.2 Key Verticals
  - 2.3 Key Regions
  - 2.4 Supplier Power
  - 2.5 Buyer Power
  - 2.6 Key Market Opportunities and Risks
  - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
  - 3.1 GDP Outlook

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 3.2 GDP Per Capita Growth
- 3.3 Inflation Trends
- 3.4 Democracy Index
- 3.5 Gross Public Debt Ratios
- 3.6 Balance of Payment (BoP) Position
- 3.7 Population Outlook
- 3.8 Urbanisation Trends
- 4 Country Risk Profiles
  - 4.1 Country Risk
  - 4.2 Business Climate
- 5 United States Desiccants Market Analysis
  - 5.1 Key Industry Highlights
  - 5.2 United States Desiccants Historical Market (2018-2024)
  - 5.3 United States Desiccants Market Forecast (2025-2034)
  - 5.4 United States Desiccants Market by Process of Absorption
    - 5.4.1 Physical Absorption
      - 5.4.1.1 Historical Trend (2018-2024)
      - 5.4.1.2 Forecast Trend (2025-2034)
    - 5.4.2 Chemical Absorption
      - 5.4.2.1 Historical Trend (2018-2024)
      - 5.4.2.2 Forecast Trend (2025-2034)
  - 5.5 United States Desiccants Market by Type
    - 5.5.1 Silica Gel
      - 5.5.1.1 Historical Trend (2018-2024)
      - 5.5.1.2 Forecast Trend (2025-2034)
    - 5.5.2 Zeolite
      - 5.5.2.1 Historical Trend (2018-2024)
      - 5.5.2.2 Forecast Trend (2025-2034)
    - 5.5.3 Activated Alumina
      - 5.5.3.1 Historical Trend (2018-2024)
      - 5.5.3.2 Forecast Trend (2025-2034)
    - 5.5.4 Activated Charcoal
      - 5.5.4.1 Historical Trend (2018-2024)
      - 5.5.4.2 Forecast Trend (2025-2034)
    - 5.5.5 Calcium Chloride
      - 5.5.5.1 Historical Trend (2018-2024)
      - 5.5.5.2 Forecast Trend (2025-2034)
    - 5.5.6 Clay
      - 5.5.6.1 Historical Trend (2018-2024)
      - 5.5.6.2 Forecast Trend (2025-2034)
    - 5.5.7 Others
  - 5.6 United States Desiccants Market by Application
    - 5.6.1 Foods
      - 5.6.1.1 Historical Trend (2018-2024)
      - 5.6.1.2 Forecast Trend (2025-2034)
    - 5.6.2 Electronics
      - 5.6.2.1 Historical Trend (2018-2024)

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 5.6.2.2 Forecast Trend (2025-2034)
- 5.6.3 Pharmaceuticals
  - 5.6.3.1 Historical Trend (2018-2024)
  - 5.6.3.2 Forecast Trend (2025-2034)
- 5.6.4 Packing
  - 5.6.4.1 Historical Trend (2018-2024)
  - 5.6.4.2 Forecast Trend (2025-2034)
- 5.6.5 Air and Gas Drying
  - 5.6.5.1 Historical Trend (2018-2024)
  - 5.6.5.2 Forecast Trend (2025-2034)
- 5.6.6 Others
- 6 Market Dynamics
  - 6.1 SWOT Analysis
    - 6.1.1 Strengths
    - 6.1.2 Weaknesses
    - 6.1.3 Opportunities
    - 6.1.4 Threats
  - 6.2 Porter's Five Forces Analysis
    - 6.2.1 Supplier's Power
    - 6.2.2 Buyer's Power
    - 6.2.3 Threat of New Entrants
    - 6.2.4 Degree of Rivalry
    - 6.2.5 Threat of Substitutes
  - 6.3 Key Indicators for Demand
  - 6.4 Key Indicators for Price
- 7 Value Chain Analysis
- 8 Competitive Landscape
  - 8.1 Supplier Selection
  - 8.2 Key Global Players
  - 8.3 Key Regional Players
  - 8.4 Key Player Strategies
  - 8.5 Company Profiles
    - 8.5.1 Clariant Ltd
      - 8.5.1.1 Company Overview
      - 8.5.1.2 Product Portfolio
      - 8.5.1.3 Demographic Reach and Achievements
      - 8.5.1.4 Certifications
    - 8.5.2 Drytech Inc.
      - 8.5.2.1 Company Overview
      - 8.5.2.2 Product Portfolio
      - 8.5.2.3 Demographic Reach and Achievements
      - 8.5.2.4 Certifications
    - 8.5.3 Wisesorbent Technology LLC
      - 8.5.3.1 Company Overview
      - 8.5.3.2 Product Portfolio
      - 8.5.3.3 Demographic Reach and Achievements
      - 8.5.3.4 Certifications

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 8.5.4 Multisorb Filtration Group
  - 8.5.4.1 Company Overview
  - 8.5.4.2 Product Portfolio
  - 8.5.4.3 Demographic Reach and Achievements
  - 8.5.4.4 Certifications
- 8.5.5 W. R. Grace & Co
  - 8.5.5.1 Company Overview
  - 8.5.5.2 Product Portfolio
  - 8.5.5.3 Demographic Reach and Achievements
  - 8.5.5.4 Certifications
- 8.5.6 Others

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**United States Desiccants Market Size Analysis Report - Market Share, Forecast Trends and Outlook (2025-2034)**

Market Report | 2025-08-11 | 104 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

| Select license | License             | Price     |
|----------------|---------------------|-----------|
|                | Single User License | \$3599.00 |
|                | Five User License   | \$4249.00 |
|                | Corporate License   | \$5099.00 |
|                |                     | VAT       |
|                |                     | Total     |

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

|               |                      |                               |   |
|---------------|----------------------|-------------------------------|---|
| Email*        | <input type="text"/> | Phone*                        | <input type="text"/>                    |
| First Name*   | <input type="text"/> | Last Name*                    | <input type="text"/>                    |
| Job title*    | <input type="text"/> |                               |   |
| Company Name* | <input type="text"/> | EU Vat / Tax ID / NIP number* | <input type="text"/>                    |
| Address*      | <input type="text"/> | City*                         | <input type="text"/>                    |
| Zip Code*     | <input type="text"/> | Country*                      | <input type="text"/>                    |
|               |                      | Date                          | <input type="text" value="2026-03-03"/> |
|               |                      | Signature                     |   |

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

