

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

Market Report | 2025-06-29 | 134 pages | EMR Inc.

### **AVAILABLE LICENSES:**

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

### **Report description:**

The United States activated carbon market size reached approximately USD 425.71 Million in 2024. The market is estimated to grow at a CAGR of 4.20% in the forecast period of 2025-2034, reaching a value of around USD 642.38 Million by 2034.

### Key Trends in the Market

Activated carbon or activated charcoal is a porous carbon form which is used to filter contaminants from air and water through adsorption of impurities. It is produced from various natural sources such as bamboo, wood, coconut husks, and sawdust, among others.

- Growing usage of activated carbon for air purification in the residential and commercial sectors is one of the major factors driving the United States activated carbon market growth. As per a study done by the US Department of Energy, air filters with activated carbon remove over 70 per cent more airborne pollutants when compared to air filters without one.
- Activated carbon is also utilised in the mining sector as an adsorbent to recover gold from the ore. It possesses a high adsorption capacity, which allows gold molecules to strongly attach themselves to the molecules present on the activated carbon surface, which can be later desorbed from the surface easily.
- The introduction of innovative production processes such as microwave-assisted activation and hydrothermal carbonisation, which improves product quality, is also a crucial trend aiding the United States activated carbon market expansion. Microwave-assisted activation process uses microwave energy to lower activation time and energy consumption as well as enhance the activated carbon quality, whereas the hydrothermal carbonisation process reduces the carbon footprint during production and increases the product yield.

**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)

- Developmental efforts by market players to increase their manufacturing plant capacity also boost the United States activated carbon market demand. For example, in October 2023, Calgon Carbon Corporation announced that it completed the expansion of its activated carbon manufacturing plant at Pearlington, Mississippi. With this expansion, the plant is expected to produce over 200 million pounds of activated carbon every year.

#### United States Activated Carbon Industry Segmentation

The EMR's report titled "United States Activated Carbon Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

##### Market Breakup by Form:

- Powdered Activated Carbon
- Granular Activated Carbon
- Others

##### Market Breakup by Raw Material:

- Coal
- Coconut
- Wood
- Others

##### Market Breakup by Phase:

- Liquid Phase
- Gaseous Phase

##### Market Breakup by End Use:

- Water Treatment
- Food and Beverage
- Pharmaceutical and Medical
- Automotive
- Air Purification
- Others

##### Market Breakup by Region:

- New England
- Mideast
- Great Lakes
- Plains
- Southeast
- Southwest
- Rocky Mountain
- Far West

**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)

## Market Share by Phase

The gaseous phase occupies a significant portion of the United States activated carbon market share, due to the rising usage of activated carbon in its gaseous form for air purification purposes in air conditioners and gas masks, among others. It can also be used for the adsorption of harmful VOCs (volatile organic compounds) as well as the gas separation process in the industrial sector.

Furthermore, the liquid phase is expected to gain sizeable growth in the forecast period, due to the high usage of liquid-activated carbon in the water treatment process.

## Market Share by End Use

As per the United States activated carbon market analysis, the water treatment sector accounts for a substantial market share, owing to the growing use of activated carbon for removing the unpleasant odour and taste from the water. It can also eliminate harmful contaminants such as heavy metals and toxic gases through an effective adsorption process.

Granular activated carbon technology is widespread in the USA water treatment market as it has a high removal efficiency of up to 99.9 per cent for VOCs.

## Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The report gives a detailed analysis of the following key players in the United States activated carbon market, covering their competitive landscape and latest developments like mergers, acquisitions, investments, and expansion plans.

### Cabot Corporation

Cabot Corporation, founded in 1882 and headquartered in Massachusetts, the United States, is a performance materials and speciality chemicals company. The company has production plants and research and development activities in over 20 countries. Some of its popular products include adhesives and sealants, batteries, coatings, and consumer rubber products, among others. The company aims to achieve net zero emissions by the year 2050 as per the Paris climate agreement.

### Invica Limited (CPL Activated Carbons)

Invica Limited (CPL Activated Carbons), established in 1990, is a supplier of activated carbon, based in Wigan, the United Kingdom. Its specialities include activated carbon, carbon regeneration, carbon filters, biogas purification, edible oil purification, and water purification solutions, among others. The company offers its products and services in the sectors of food and beverage, chemical and pharmaceuticals, and mining, among others.

### Kuraray Co., Ltd.

Kuraray Co., Ltd. is a functional resins and chemical products supplier, incorporated in 1926 and headquartered in Japan. Its comprehensive range of products includes fibres and textiles, resins and films, chemicals, elastomers, and rubbers, among others. The company promotes sustainability through climate change measures, biodiversity conservation, and water and air purification, among 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)

Other United States activated carbon market players include Puragen Activated carbon, Ingevity Corporation, Carbon Activated Corporation, Hangzhou Nature Technology Co., Ltd., CarbUSA LLC, Carbon Solutions, LLC, and Donau Chemie AG, among others.

## **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
  - 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 North America Activated Carbon Market Overview
  - 5.1 Key Industry Highlights
  - 5.2 North America Activated Carbon Historical Market (2018-2024)
  - 5.3 North America Activated Carbon Market Forecast (2025-2034)
  - 5.4 North America Activated Carbon Market Share by Country
    - 5.4.1 United States
    - 5.4.2 Canada
- 6 United States Activated Carbon Market Overview
  - 6.1 Key Industry Highlights
  - 6.2 United States Activated Carbon Historical Market (2018-2024)
  - 6.3 United States Activated Carbon Market Forecast (2025-2034)
- 7 United States Activated Carbon Market by Form

**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)

- 7.1 Powdered Activated Carbon
  - 7.1.1 Historical Trend (2018-2024)
  - 7.1.2 Forecast Trend (2025-2034)
- 7.2 Granular Activated Carbon
  - 7.2.1 Historical Trend (2018-2024)
  - 7.2.2 Forecast Trend (2025-2034)
- 7.3 Others
- 8 United States Activated Carbon Market by Raw Material
  - 8.1 Coal
    - 8.1.1 Historical Trend (2018-2024)
    - 8.1.2 Forecast Trend (2025-2034)
  - 8.2 Coconut
    - 8.2.1 Historical Trend (2018-2024)
    - 8.2.2 Forecast Trend (2025-2034)
  - 8.3 Wood
    - 8.3.1 Historical Trend (2018-2024)
    - 8.3.2 Forecast Trend (2025-2034)
  - 8.4 Others
- 9 United States Activated Carbon Market by Phase
  - 9.1 Liquid Phase
    - 9.1.1 Historical Trend (2018-2024)
    - 9.1.2 Forecast Trend (2025-2034)
  - 9.2 Gaseous Phase
    - 9.2.1 Historical Trend (2018-2024)
    - 9.2.2 Forecast Trend (2025-2034)
- 10 United States Activated Carbon Market by End Use
  - 10.1 Water Treatment
    - 10.1.1 Historical Trend (2018-2024)
    - 10.1.2 Forecast Trend (2025-2034)
  - 10.2 Food and Beverage
    - 10.2.1 Historical Trend (2018-2024)
    - 10.2.2 Forecast Trend (2025-2034)
  - 10.3 Pharmaceutical and Medical
    - 10.3.1 Historical Trend (2018-2024)
    - 10.3.2 Forecast Trend (2025-2034)
  - 10.4 Automotive
    - 10.4.1 Historical Trend (2018-2024)
    - 10.4.2 Forecast Trend (2025-2034)
  - 10.5 Air Purification
    - 10.5.1 Historical Trend (2018-2024)
    - 10.5.2 Forecast Trend (2025-2034)
  - 10.6 Others
- 11 United States Activated Carbon Market by Region
  - 11.1 New England
    - 11.1.1 Historical Trend (2018-2024)
    - 11.1.2 Forecast Trend (2025-2034)
  - 11.2 Mideast

**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)

- 11.2.1 Historical Trend (2018-2024)
- 11.2.2 Forecast Trend (2025-2034)
- 11.3 Great Lakes
  - 11.3.1 Historical Trend (2018-2024)
  - 11.3.2 Forecast Trend (2025-2034)
- 11.4 Plains
  - 11.4.1 Historical Trend (2018-2024)
  - 11.4.2 Forecast Trend (2025-2034)
- 11.5 Southeast
  - 11.5.1 Historical Trend (2018-2024)
  - 11.5.2 Forecast Trend (2025-2034)
- 11.6 Southwest
  - 11.6.1 Historical Trend (2018-2024)
  - 11.6.2 Forecast Trend (2025-2034)
- 11.7 Rocky Mountain
  - 11.7.1 Historical Trend (2018-2024)
  - 11.7.2 Forecast Trend (2025-2034)
- 11.8 Far West
  - 11.8.1 Historical Trend (2018-2024)
  - 11.8.2 Forecast Trend (2025-2034)
- 12 Market Dynamics
  - 12.1 SWOT Analysis
    - 12.1.1 Strengths
    - 12.1.2 Weaknesses
    - 12.1.3 Opportunities
    - 12.1.4 Threats
  - 12.2 Porter's Five Forces Analysis
    - 12.2.1 Supplier's Power
    - 12.2.2 Buyer's Power
    - 12.2.3 Threat of New Entrants
    - 12.2.4 Degree of Rivalry
    - 12.2.5 Threat of Substitutes
  - 12.3 Key Indicators for Demand
  - 12.4 Key Indicators for Price
- 13 Value Chain Analysis
- 14 Trade Data Analysis (HS Code - 382)
  - 14.1 Major Importing Countries
    - 14.1.1 By Volume
    - 14.1.2 By Value
  - 14.2 Major Exporting Countries
    - 14.2.1 By Volume
    - 14.2.2 By Value
- 15 Price Analysis
- 16 Competitive Landscape
  - 16.1 Supplier Selection
  - 16.2 Key Global Players
  - 16.3 Key Regional Players

**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)

- 16.4 Key Player Strategies
- 16.5 Company Profiles
  - 16.5.1 Cabot Corporation
    - 16.5.1.1 Company Overview
    - 16.5.1.2 Product Portfolio
    - 16.5.1.3 Demographic Reach and Achievements
    - 16.5.1.4 Certifications
  - 16.5.2 Invica Limited (CPL Activated Carbons)
    - 16.5.2.1 Company Overview
    - 16.5.2.2 Product Portfolio
    - 16.5.2.3 Demographic Reach and Achievements
    - 16.5.2.4 Certifications
  - 16.5.3 Kuraray Co., Ltd.
    - 16.5.3.1 Company Overview
    - 16.5.3.2 Product Portfolio
    - 16.5.3.3 Demographic Reach and Achievements
    - 16.5.3.4 Certifications
  - 16.5.4 Puragen Activated carbon
    - 16.5.4.1 Company Overview
    - 16.5.4.2 Product Portfolio
    - 16.5.4.3 Demographic Reach and Achievements
    - 16.5.4.4 Certifications
  - 16.5.5 Ingevity Corporation
    - 16.5.5.1 Company Overview
    - 16.5.5.2 Product Portfolio
    - 16.5.5.3 Demographic Reach and Achievements
    - 16.5.5.4 Certifications
  - 16.5.6 Carbon Activated Corporation
    - 16.5.6.1 Company Overview
    - 16.5.6.2 Product Portfolio
    - 16.5.6.3 Demographic Reach and Achievements
    - 16.5.6.4 Certifications
  - 16.5.7 Hangzhou Nature Technology Co., Ltd.
    - 16.5.7.1 Company Overview
    - 16.5.7.2 Product Portfolio
    - 16.5.7.3 Demographic Reach and Achievements
    - 16.5.7.4 Certifications
  - 16.5.8 CarbUSA LLC
    - 16.5.8.1 Company Overview
    - 16.5.8.2 Product Portfolio
    - 16.5.8.3 Demographic Reach and Achievements
    - 16.5.8.4 Certifications
  - 16.5.9 Carbon Solutions, LLC
    - 16.5.9.1 Company Overview
    - 16.5.9.2 Product Portfolio
    - 16.5.9.3 Demographic Reach and Achievements
    - 16.5.9.4 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)

- 16.5.10 Donau Chemie AG
- 16.5.10.1 Company Overview
- 16.5.10.2 Product Portfolio
- 16.5.10.3 Demographic Reach and Achievements
- 16.5.10.4 Certifications
- 16.5.11 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 Activated Carbon Market Outlook Report - Market Size, Share Analysis and Forecast (2025-2034)**

Market Report | 2025-06-29 | 134 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="2026-03-07"/>
		Signature	

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

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

www.scotts-international.com



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

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

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