

Activated Carbon: Market Research Report

<https://marketpublishers.com/r/AECDA768EA0EN.html>

Date: March 2018

Pages: 286

Price: US\$ 5,600.00 (Single User License)

ID: AECDA768EA0EN

Abstracts

This report analyzes the worldwide markets for Activated Carbon in Metric Tons by the following Product and End-Use Segments: Product Segments - Powdered Activated Carbon, Granular Activated Carbon, and Other Activated Carbon; End-Use Segments - Liquid Phase (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, Other Liquid Phase Applications), and Gas Phase (Air Purification, Automotive Emission Canister, and Other Gas Phase Applications).

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2016 through 2024.

Also, a five-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 46 companies including many key and niche players such as -

ADA Carbon Solutions, LLC

Cabot Corporation

Calgon Carbon Corp.

Carbon Activated Corp.

Clarimex Group

Evoqua Water Technologies LLC

Contents

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW

Market Overview

Current & Future Analysis

Asia-Pacific – A Growing Market

Activated Carbon – A Raw Material Intensive Industry

Competition

Table 1. Leading Players in the Global Activated Carbon Market (2016): Percentage Breakdown of Revenues by Company (includes corresponding Graph/Chart)

2. MARKET TRENDS AND ISSUES

Stringent Emission Norms and Improvement in Automobile Production Drives AC Demand

Table 2. Global Automobile Production by Region (2016 & 2020) (in million Units) (includes corresponding Graph/Chart)

Stringent Environment Regulations Drive Demand for Activated Carbon

MATS Drives PAC Demand

Disinfectants and Disinfection Byproducts Open up Opportunities for GAC

The Minamata Convention Boosts Activated Carbon Demand

Reactivated Carbon Demand Grows in Significance

Large Surface Area Remains a Desirable Characteristic

Water Treatment – A Market Laden with Immense Potential

Table 3. Internal Water Resource Per Capita Ranked by Region - US, France, China, Germany, India, Netherlands and Saudi Arabia (In Cubic Meters) (includes corresponding Graph/Chart)

Table 4. Leading Water Consuming Countries by Annual Water Consumption in Billion Cubic Meters (includes corresponding Graph/Chart)

Air Purification – Key Enabler of Future Growth

Food and Beverage Processing Add to Market Growth

Steady Application in Medical and Pharmaceuticals Segment Augurs Well for the Market

Gold Extraction Activity Drives Focus on Activated Carbon

Surging Usage in Solvent Vapor Recovery & Other Applications Supports Demand

Novel Forms of Activated Carbon Gain Popularity

Biological AC Technology to Gain Acceptance

3. PRODUCT OVERVIEW

4. PRODUCT INTRODUCTIONS/INNOVATIONS

Cabot Norit Introduces DARCO H2S HF Activated Carbon

ADA Carbon Solutions Introduces FastPAC Platinum

5. RECENT INDUSTRY ACTIVITY

Ingevity Corporation Sets up New Activated Carbon Extrusion Plant in China

Calgon Carbon Signs Contract with Sanli M&E for GAC

Calgon Carbon Signs Agreement for Removal of PFOS

Cabot Corporation Expands NORIT E 153 Activated Carbon Colorants Line

Kuraray to Absorb Operations of Kuraray Chemical Co.

Calgon Carbon Acquires CECA's European Activated Carbon Business

Calgon Carbon Japan to Supply Pelletized Activated Carbon to Mitsui & Co.

Jacobi Carbons Establishes New Activated Carbon Production Facility

Calgon Carbon Signs Multi-Year Powdered Activated Carbon Supply Agreements for Mercury Removal

6. FOCUS ON SELECT GLOBAL PLAYERS

ADA Carbon Solutions, LLC (USA)

Cabot Corporation (USA)

Calgon Carbon Corp. (USA)

Chemviron Carbon (Belgium)

Carbon Activated Corp (USA)

Clarimex Group (Mexico)
Evoqua Water Technologies LLC (USA)
Fujian Yuanli Active Carbon Co., Ltd (China)
Haycarb Plc (Sri Lanka)
Ingevity Corporation (USA)
Kuraray Co., Ltd. (Japan)
Osaka Gas Chemicals Co., Ltd. (Japan)

7. GLOBAL MARKET PERSPECTIVE

Table 7. World Recent Past, Current & Future Analysis for Activated Carbon by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 8. World Historic Review for Activated Carbon by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 9. World 14-Year Perspective for Activated Carbon by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Market by Product Segment

Table 10. World Recent Past, Current & Future Analysis for Powdered Activated Carbon by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 11. World Historic Review for Powdered Activated Carbon by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 12. World 14-Year Perspective for Powdered Activated Carbon by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 13. World Recent Past, Current & Future Analysis for Granular Activated Carbon by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 14. World Historic Review for Granular Activated Carbon by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 15. World 14-Year Perspective for Granular Activated Carbon by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 16. World Recent Past, Current & Future Analysis for Other Activated Carbon by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 17. World Historic Review for Other Activated Carbon by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 18. World 14-Year Perspective for Other Activated Carbon by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Market by End-Use Applications

Table 19. World Recent Past, Current & Future Analysis for Activated Carbon

Consumption in Liquid Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 20. World Historic Review for Activated Carbon Consumption in Liquid Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 21. World 14-Year Perspective for Activated Carbon Consumption in Liquid Phase Applications by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Liquid Phase Activated Carbon Market by End-Use Applications

Table 22. World Recent Past, Current & Future Analysis for Liquid Phase Activated Carbon Consumption by End-Use Application - Water Treatment, Food & Beverages, Medical & Pharmaceuticals and Other Liquid Phase Applications Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 23. World Historic Review for Liquid Phase Activated Carbon Consumption by End-Use Application - Water Treatment, Food & Beverages, Medical & Pharmaceuticals and Other Liquid Phase Applications Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 24. World 14-Year Perspective for Liquid Phase Activated Carbon Consumption by End-Use Application - Percentage Breakdown of Unit Demand for Water Treatment, Food & Beverages, Medical & Pharmaceuticals and Other Liquid Phase Applications for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 25. World Recent Past, Current & Future Analysis for Activated Carbon Consumption in Water Treatment Liquid Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of

World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 26. World Historic Review for Activated Carbon Consumption in Water Treatment Liquid Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 27. World 14-Year Perspective for Activated Carbon Consumption in Water Treatment Liquid Phase Applications by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 28. World Recent Past, Current & Future Analysis for Activated Carbon Consumption in Food & Beverage Liquid Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 29. World Historic Review for Activated Carbon Consumption in Food & Beverage Liquid Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 30. World 14-Year Perspective for Activated Carbon Consumption in Food & Beverage Liquid Phase Applications by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 31. World Recent Past, Current & Future Analysis for Activated Carbon Consumption in Medical & Pharmaceutical Liquid Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 32. World Historic Review for Activated Carbon Consumption in Medical & Pharmaceutical Liquid Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 33. World 14-Year Perspective for Activated Carbon Consumption in Medical & Pharmaceutical Liquid Phase Applications by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 34. World Recent Past, Current & Future Analysis for Activated Carbon Consumption in Other Liquid Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 35. World Historic Review for Activated Carbon Consumption in Other Liquid Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 36. World 14-Year Perspective for Activated Carbon Consumption in Other Liquid Phase Applications by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 37. World Recent Past, Current & Future Analysis for Activated Carbon Consumption in Gas Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 38. World Historic Review for Activated Carbon Consumption in Gas Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes

corresponding Graph/Chart)

Table 39. World 14-Year Perspective for Activated Carbon Consumption in Gas Phase Applications by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Gas Phase Activated Carbon Market by End-Use Applications

Table 40. World Recent Past, Current & Future Analysis for Gas Phase Activated Carbon Consumption by End-Use Application - Air Purification, Automotive and Other Gas Phase Applications Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 41. World Historic Review for Gas Phase Activated Carbon Consumption by End-Use Application - Air Purification, Automotive, and Other Gas Phase Applications Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 42. World 14-Year Perspective for Gas Phase Activated Carbon Consumption by End-Use Application - Percentage Breakdown of Unit Demand for Air Purification, Automotive and Other Gas Phase Applications for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 43. World Recent Past, Current & Future Analysis for Activated Carbon Consumption in Air Purification Gas Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 44. World Historic Review for Activated Carbon Consumption in Air Purification Gas Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 45. World 14-Year Perspective for Activated Carbon Consumption in Air Purification Gas Phase Applications by Geographic Region - Percentage Breakdown of

Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 46. World Recent Past, Current & Future Analysis for Activated Carbon Consumption in Automotive Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 47. World Historic Review for Activated Carbon Consumption in Automotive Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 48. World 14-Year Perspective for Activated Carbon Consumption in Automotive Gas Phase Applications by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Table 49. World Recent Past, Current & Future Analysis for Activated Carbon Consumption in Other Gas Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 50. World Historic Review for Activated Carbon Consumption in Other Gas Phase Applications by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 51. World 14-Year Perspective for Activated Carbon Consumption in Other Gas Phase Applications by Geographic Region - Percentage Breakdown of Unit Demand for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES

A. Market Analysis

Current and Future Analysis

Competition

Table 52. Leading Players in the US Activated Carbon Market (2016): Percentage Breakdown of Revenues by Company (includes corresponding Graph/Chart)

Stringent Environmental Controls Shape Demand for AC
Automotive regulations

Table 53. US Evaporative and Refueling Standards (includes corresponding Graph/Chart)

Mercury and Air Toxics Standard (MATS)
Opportunities in the Water Treatment Market
Trade Statistics

Table 54. US Exports of Activated Carbon (2016): Percentage Share Breakdown of Annual Value Exports by Top Ten Destination Countries (includes corresponding Graph/Chart)

Table 55. US Imports of Activated Carbon (2016): Breakdown of Annual Imports by Top Ten Countries of Origin (includes corresponding Graph/Chart)

Product Introductions/Innovations

Recent Industry Activity

Select Players

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 56. US Recent Past, Current & Future Analysis for Activated Carbon by Product

Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 57. US Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 58. US 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 59. US Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 60. US Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 61. US 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

2. CANADA

A. Market Analysis

Current and Future Analysis

Trade Statistics

Table 62. Canadian Exports of Activated Carbon (2016): Percentage Breakdown of Value Exports by Destination Country (includes corresponding Graph/Chart)

Table 63. Canadian Imports of Activated Carbon (2016): Percentage Breakdown of Value Imports by Country of Origin (includes corresponding Graph/Chart)

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 64. Canadian Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 65. Canadian Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 66. Canadian 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 67. Canadian Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through

2024 (includes corresponding Graph/Chart)

Table 68. Canadian Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 69. Canadian 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

3. JAPAN

A. Market Analysis

Current and Future Analysis

Recent Industry Activity

Select Players

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 70. Japanese Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 71. Japanese Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 72. Japanese 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024

(includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 73. Japanese Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 74. Japanese Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 75. Japanese 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4. EUROPE

A. Market Analysis

Current and Future Analysis

Recent Industry Activity

B. Market Analytics

Table 76. European Recent Past, Current & Future Analysis for Activated Carbon by Geographic Region - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 77. European Historic Review for Activated Carbon by Geographic Region - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 78. European 14-Year Perspective for Activated Carbon by Geographic Region - Percentage Breakdown of Unit Demand for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by Product Segment

Table 79. European Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 80. European Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 81. European 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon by End-Use

Table 82. European Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 83. European Historic Review for Activated Carbon by End-Use Application -

Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 84. European 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4A. FRANCE

A. Market Analysis

Current and Future Analysis

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 85. French Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 86. French Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 87. French 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon by Product Segment

Table 88. French Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 89. French Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 90. French 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4B. GERMANY

A. Market Analysis

Current and Future Analysis

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 91. German Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 92. German Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 93. German 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 94. German Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 95. German Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 96. German 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4C. ITALY

A. Market Analysis

Current and Future Analysis

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 97. Italian Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others

Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 98. Italian Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 99. Italian 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 100. Italian Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 101. Italian Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 102. Italian 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4D. THE UNITED KINGDOM

A. Market Analysis

Current and Future Analysis

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 103. UK Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 104. UK Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 105. UK 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 106. UK Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 107. UK Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 108. UK 14-Year Perspective for Activated Carbon by End-Use Application -

Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4E. SPAIN

A. Market Analysis

Current and Future Analysis

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 109. Spanish Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 110. Spanish Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 111. Spanish 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 112. Spanish Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 113. Spanish Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 114. Spanish 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4F. RUSSIA

A. Market Analysis

Current and Future Analysis

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 115. Russian Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 116. Russian Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 117. Russian 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 118. Russian Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 119. Russian Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 120. Russian 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

4G. REST OF EUROPE

A. Market Analysis

Current and Future Analysis

Select Player

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 121. Rest of Europe Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 122. Rest of Europe Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011

through 2015 (includes corresponding Graph/Chart)

Table 123. Rest of Europe 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 124. Rest of Europe Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 125. Rest of Europe Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 126. Rest of Europe 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC

A. Market Analysis

Current and Future Analysis

B. Market Analytics

Table 127. Asia-Pacific Recent Past, Current & Future Analysis for Activated Carbon by

Geographic Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 128. Asia-Pacific Historic Review for Activated Carbon by Geographic Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 129. Asia-Pacific 14-Year Perspective for Activated Carbon by Geographic Region - Percentage Breakdown of Unit Demand for China, India and Rest of Asia-Pacific Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by Product Segment

Table 130. Asia-Pacific Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 131. Asia-Pacific Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 132. Asia-Pacific 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 133. Asia-Pacific Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for

Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 134. Asia-Pacific Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 135. Asia-Pacific 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

5A. CHINA

A. Market Analysis

Current and Future Analysis

China – Major Exporter of Activated Carbon in the World

PWACP Gains Popularity

Recent Industry Activity

Key Player

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 136. Chinese Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 137. Chinese Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 138. Chinese 14-Year Perspective for Activated Carbon by Product Segment -

Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 139. Chinese Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 140. Chinese Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 141. Chinese 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

5B. INDIA

A. Market Analysis

Current and Future Analysis

Activated Carbon Market - A Brief Review

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 142. Indian Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others

Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 143. Indian Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 144. Indian 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 145. Indian Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 146. Indian Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 147. Indian 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

5C. REST OF ASIA-PACIFIC

A. Market Analysis

Current and Future Analysis

Focus on Select Region

Recent Industry Activity

Key Player

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 148. Rest of Asia-Pacific Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 149. Rest of Asia-Pacific Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 150. Rest of Asia-Pacific 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 151. Rest of Asia-Pacific Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 152. Rest of Asia-Pacific Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011

through 2015 (includes corresponding Graph/Chart)

Table 153. Rest of Asia-Pacific 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, Solvent Recovery, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

6. LATIN AMERICA

A. Market Analysis

Current and Future Analysis

Key Player

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 154. Latin American Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 155. Latin American Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 156. Latin American 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 157. Latin American Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas

Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 158. Latin American Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 159. Latin American 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

7. REST OF WORLD

A. Market Analysis

Current and Future Analysis

AC Holds Greater Potential in the Middle East

B. Market Analytics

Activated Carbon Consumption by Product Segment

Table 160. Rest of World Recent Past, Current & Future Analysis for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 161. Rest of World Historic Review for Activated Carbon by Product Segment - Powdered Activated Carbon, Granular Activated Carbon and Others Activated Carbon Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 162. Rest of World 14-Year Perspective for Activated Carbon by Product Segment - Percentage Breakdown of Unit Demand for Powdered Activated Carbon,

Granular Activated Carbon and Others Activated Carbon Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

Activated Carbon Consumption by End-Use

Table 163. Rest of World Recent Past, Current & Future Analysis for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 164. Rest of World Historic Review for Activated Carbon by End-Use Application - Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 165. Rest of World 14-Year Perspective for Activated Carbon by End-Use Application - Percentage Breakdown of Unit Demand for Liquid Phase Applications (Water Treatment, Food & Beverages, Medical & Pharmaceuticals, and Other Liquid Phase Applications); and Gas Phase Applications (Air Purification, Automotive, and Other Gas Phase Applications) Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 46 (including Divisions/Subsidiaries - 51)

The United States (19)

Japan (4)

Europe (11)

France (1)

Germany (4)

The United Kingdom (2)

Italy (1)

Rest of Europe (3)

Asia-Pacific (Excluding Japan) (15)

Latin America (1)

Africa (7)

I would like to order

Product name: Activated Carbon: Market Research Report

Product link: <https://marketpublishers.com/r/AECDA768EA0EN.html>

Price: US\$ 5,600.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AECDA768EA0EN.html>