

Global Carbon Capture Solvent Market Growth 2026-2032

<https://marketpublishers.com/r/GB7E8B449B52EN.html>

Date: July 2026

Pages: 136

Price: US\$ 3,660.00 (Single User License)

ID: GB7E8B449B52EN

Abstracts

The global Carbon Capture Solvent market size is predicted to grow from US\$ 1761 million in 2025 to US\$ 2967 million in 2032; it is expected to grow at a CAGR of 7.8% from 2026 to 2032.

In 2025, global Carbon Capture Solvent production reached approximately 642.86 k tons, with an average global market price of around US\$2,800 per ton.

The gross profit margin of major companies in the industry is between 25%-42%.

In 2025, the global production capacity of Carbon Capture Solvent was approximately 857.14 k tons.

Carbon Capture Solvent is a chemical absorbent used to capture carbon dioxide from flue gas, process gas, natural gas, or industrial emissions. It may include amine-based, carbonate-based, blended, or advanced low-energy formulations designed to improve absorption capacity, regeneration efficiency, degradation resistance, corrosion control, and operating stability in carbon capture systems.

The industrial chain of Carbon Capture Solvent covers upstream amines, alcohols, catalysts, stabilizers, corrosion inhibitors, solvents, blending additives, storage tanks, and testing materials. The midstream consists of formulation development, blending, purification, quality testing, packaging, performance validation, and technical service. Downstream applications mainly include power plants, cement, steel, chemicals, refineries, natural gas processing, hydrogen production, and industrial carbon capture projects.

United States market for Carbon Capture Solvent is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Carbon Capture Solvent is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Carbon Capture Solvent is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Carbon Capture Solvent players cover BASF, Shell, Dow, Carbon Clean, Fluor Corporation, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Carbon Capture Solvent Industry Forecast" looks at past sales and reviews total world Carbon Capture Solvent sales in 2025, providing a comprehensive analysis by region and market sector of projected Carbon Capture Solvent sales for 2026 through 2032. With Carbon Capture Solvent sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Carbon Capture Solvent industry.

This Insight Report provides a comprehensive analysis of the global Carbon Capture Solvent landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Carbon Capture Solvent portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Carbon Capture Solvent market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Carbon Capture Solvent and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Carbon Capture Solvent.

This report presents a comprehensive overview, market shares, and growth opportunities of Carbon Capture Solvent market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Amine-Based Solvent

Amino Acid Salt Solvent

Physical Absorption Solvent

Segmentation by Capture Process:

Post-Combustion Capture Solvent

Pre-Combustion Capture Solvent

Direct Air Capture Solvent

Segmentation by CO₂ Loading Capacity:

Low Capacity (<0.3mol/mol)

Medium Capacity (0.3-0.6mol/mol)

High Capacity (>0.6mol/mol)

Segmentation by Application:

Carbon Capture and Storage

Carbon Utilization

Industrial Decarbonization

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

BASF

Shell

Dow

Carbon Clean

Fluor Corporation

Mitsubishi Heavy Industries

Aker Solutions

Linde

Honeywell UOP

ExxonMobil

Susteon

TotalEnergies

Capsol Technologies

CNOOC

Sinopec

CNPC

China Huaneng Group

Key Questions Addressed in this Report

What is the 10-year outlook for the global Carbon Capture Solvent market?

What factors are driving Carbon Capture Solvent market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Carbon Capture Solvent market opportunities vary by end market size?

How does Carbon Capture Solvent break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Carbon Capture Solvent Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Carbon Capture Solvent by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Carbon Capture Solvent by Country/Region, 2021, 2025 & 2032
- 2.2 Carbon Capture Solvent Segment by Type
 - 2.2.1 Amine-Based Solvent
 - 2.2.2 Amino Acid Salt Solvent
 - 2.2.3 Physical Absorption Solvent
 - 2.2.4 Carbon Capture Solvent Sales by Type
 - 2.2.4.1 Global Carbon Capture Solvent Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Carbon Capture Solvent Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Carbon Capture Solvent Sale Price by Type (2021-2026)
- 2.3 Carbon Capture Solvent Segment by Capture Process
 - 2.3.1 Post-Combustion Capture Solvent
 - 2.3.2 Pre-Combustion Capture Solvent
 - 2.3.3 Direct Air Capture Solvent
 - 2.3.4 Carbon Capture Solvent Sales by Capture Process
 - 2.3.4.1 Global Carbon Capture Solvent Sales Market Share by Capture Process (2021-2026)
 - 2.3.4.2 Global Carbon Capture Solvent Revenue and Market Share by Capture Process (2021-2026)

- 2.3.4.3 Global Carbon Capture Solvent Sale Price by Capture Process (2021-2026)
- 2.4 Carbon Capture Solvent Segment by CO₂ Loading Capacity
 - 2.4.1 Low Capacity (<0.3mol/mol)
 - 2.4.2 Medium Capacity (0.3-0.6mol/mol)
 - 2.4.3 High Capacity (>0.6mol/mol)
 - 2.4.4 Carbon Capture Solvent Sales by CO₂ Loading Capacity
 - 2.4.4.1 Global Carbon Capture Solvent Sales Market Share by CO₂ Loading Capacity (2021-2026)
 - 2.4.4.2 Global Carbon Capture Solvent Revenue and Market Share by CO₂ Loading Capacity (2021-2026)
 - 2.4.4.3 Global Carbon Capture Solvent Sale Price by CO₂ Loading Capacity (2021-2026)
- 2.5 Carbon Capture Solvent Segment by Application
 - 2.5.1 Carbon Capture and Storage
 - 2.5.2 Carbon Utilization
 - 2.5.3 Industrial Decarbonization
 - 2.5.4 Other
 - 2.5.5 Carbon Capture Solvent Sales by Application
 - 2.5.5.1 Global Carbon Capture Solvent Sale Market Share by Application (2021-2026)
 - 2.5.5.2 Global Carbon Capture Solvent Revenue and Market Share by Application (2021-2026)
 - 2.5.5.3 Global Carbon Capture Solvent Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

- 3.1 Global Carbon Capture Solvent Breakdown Data by Company
 - 3.1.1 Global Carbon Capture Solvent Annual Sales by Company (2021-2026)
 - 3.1.2 Global Carbon Capture Solvent Sales Market Share by Company (2021-2026)
- 3.2 Global Carbon Capture Solvent Annual Revenue by Company (2021-2026)
 - 3.2.1 Global Carbon Capture Solvent Revenue by Company (2021-2026)
 - 3.2.2 Global Carbon Capture Solvent Revenue Market Share by Company (2021-2026)
- 3.3 Global Carbon Capture Solvent Sale Price by Company
- 3.4 Key Manufacturers Carbon Capture Solvent Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Carbon Capture Solvent Product Location Distribution
 - 3.4.2 Players Carbon Capture Solvent Products Offered
- 3.5 Market Concentration Rate Analysis

- 3.5.1 Competition Landscape Analysis
- 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR CARBON CAPTURE SOLVENT BY GEOGRAPHIC REGION

- 4.1 World Historic Carbon Capture Solvent Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global Carbon Capture Solvent Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global Carbon Capture Solvent Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Carbon Capture Solvent Market Size by Country/Region (2021-2026)
 - 4.2.1 Global Carbon Capture Solvent Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global Carbon Capture Solvent Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Carbon Capture Solvent Sales Growth
- 4.4 APAC Carbon Capture Solvent Sales Growth
- 4.5 Europe Carbon Capture Solvent Sales Growth
- 4.6 Middle East & Africa Carbon Capture Solvent Sales Growth

5 AMERICAS

- 5.1 Americas Carbon Capture Solvent Sales by Country
 - 5.1.1 Americas Carbon Capture Solvent Sales by Country (2021-2026)
 - 5.1.2 Americas Carbon Capture Solvent Revenue by Country (2021-2026)
- 5.2 Americas Carbon Capture Solvent Sales by Type (2021-2026)
- 5.3 Americas Carbon Capture Solvent Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Carbon Capture Solvent Sales by Region
 - 6.1.1 APAC Carbon Capture Solvent Sales by Region (2021-2026)
 - 6.1.2 APAC Carbon Capture Solvent Revenue by Region (2021-2026)

- 6.2 APAC Carbon Capture Solvent Sales by Type (2021-2026)
- 6.3 APAC Carbon Capture Solvent Sales by Application (2021-2026)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Carbon Capture Solvent by Country
 - 7.1.1 Europe Carbon Capture Solvent Sales by Country (2021-2026)
 - 7.1.2 Europe Carbon Capture Solvent Revenue by Country (2021-2026)
- 7.2 Europe Carbon Capture Solvent Sales by Type (2021-2026)
- 7.3 Europe Carbon Capture Solvent Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Carbon Capture Solvent by Country
 - 8.1.1 Middle East & Africa Carbon Capture Solvent Sales by Country (2021-2026)
 - 8.1.2 Middle East & Africa Carbon Capture Solvent Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Carbon Capture Solvent Sales by Type (2021-2026)
- 8.3 Middle East & Africa Carbon Capture Solvent Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Carbon Capture Solvent

10.3 Manufacturing Process Analysis of Carbon Capture Solvent

10.4 Industry Chain Structure of Carbon Capture Solvent

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Carbon Capture Solvent Distributors

11.3 Carbon Capture Solvent Customer

12 WORLD FORECAST REVIEW FOR CARBON CAPTURE SOLVENT BY GEOGRAPHIC REGION

12.1 Global Carbon Capture Solvent Market Size Forecast by Region

12.1.1 Global Carbon Capture Solvent Forecast by Region (2027-2032)

12.1.2 Global Carbon Capture Solvent Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Carbon Capture Solvent Forecast by Type (2027-2032)

12.7 Global Carbon Capture Solvent Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 BASF

13.1.1 BASF Company Information

13.1.2 BASF Carbon Capture Solvent Product Portfolios and Specifications

13.1.3 BASF Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.1.4 BASF Main Business Overview
- 13.1.5 BASF Latest Developments
- 13.2 Shell
 - 13.2.1 Shell Company Information
 - 13.2.2 Shell Carbon Capture Solvent Product Portfolios and Specifications
 - 13.2.3 Shell Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.2.4 Shell Main Business Overview
 - 13.2.5 Shell Latest Developments
- 13.3 Dow
 - 13.3.1 Dow Company Information
 - 13.3.2 Dow Carbon Capture Solvent Product Portfolios and Specifications
 - 13.3.3 Dow Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.3.4 Dow Main Business Overview
 - 13.3.5 Dow Latest Developments
- 13.4 Carbon Clean
 - 13.4.1 Carbon Clean Company Information
 - 13.4.2 Carbon Clean Carbon Capture Solvent Product Portfolios and Specifications
 - 13.4.3 Carbon Clean Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.4.4 Carbon Clean Main Business Overview
 - 13.4.5 Carbon Clean Latest Developments
- 13.5 Fluor Corporation
 - 13.5.1 Fluor Corporation Company Information
 - 13.5.2 Fluor Corporation Carbon Capture Solvent Product Portfolios and Specifications
 - 13.5.3 Fluor Corporation Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.5.4 Fluor Corporation Main Business Overview
 - 13.5.5 Fluor Corporation Latest Developments
- 13.6 Mitsubishi Heavy Industries
 - 13.6.1 Mitsubishi Heavy Industries Company Information
 - 13.6.2 Mitsubishi Heavy Industries Carbon Capture Solvent Product Portfolios and Specifications
 - 13.6.3 Mitsubishi Heavy Industries Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Mitsubishi Heavy Industries Main Business Overview
 - 13.6.5 Mitsubishi Heavy Industries Latest Developments
- 13.7 Aker Solutions

- 13.7.1 Aker Solutions Company Information
- 13.7.2 Aker Solutions Carbon Capture Solvent Product Portfolios and Specifications
- 13.7.3 Aker Solutions Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.7.4 Aker Solutions Main Business Overview
- 13.7.5 Aker Solutions Latest Developments
- 13.8 Linde
 - 13.8.1 Linde Company Information
 - 13.8.2 Linde Carbon Capture Solvent Product Portfolios and Specifications
 - 13.8.3 Linde Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Linde Main Business Overview
 - 13.8.5 Linde Latest Developments
- 13.9 Honeywell UOP
 - 13.9.1 Honeywell UOP Company Information
 - 13.9.2 Honeywell UOP Carbon Capture Solvent Product Portfolios and Specifications
 - 13.9.3 Honeywell UOP Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 Honeywell UOP Main Business Overview
 - 13.9.5 Honeywell UOP Latest Developments
- 13.10 ExxonMobil
 - 13.10.1 ExxonMobil Company Information
 - 13.10.2 ExxonMobil Carbon Capture Solvent Product Portfolios and Specifications
 - 13.10.3 ExxonMobil Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.10.4 ExxonMobil Main Business Overview
 - 13.10.5 ExxonMobil Latest Developments
- 13.11 Susteon
 - 13.11.1 Susteon Company Information
 - 13.11.2 Susteon Carbon Capture Solvent Product Portfolios and Specifications
 - 13.11.3 Susteon Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.11.4 Susteon Main Business Overview
 - 13.11.5 Susteon Latest Developments
- 13.12 TotalEnergies
 - 13.12.1 TotalEnergies Company Information
 - 13.12.2 TotalEnergies Carbon Capture Solvent Product Portfolios and Specifications
 - 13.12.3 TotalEnergies Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.12.4 TotalEnergies Main Business Overview
- 13.12.5 TotalEnergies Latest Developments
- 13.13 Capsol Technologies
 - 13.13.1 Capsol Technologies Company Information
 - 13.13.2 Capsol Technologies Carbon Capture Solvent Product Portfolios and Specifications
 - 13.13.3 Capsol Technologies Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.13.4 Capsol Technologies Main Business Overview
 - 13.13.5 Capsol Technologies Latest Developments
- 13.14 CNOOC
 - 13.14.1 CNOOC Company Information
 - 13.14.2 CNOOC Carbon Capture Solvent Product Portfolios and Specifications
 - 13.14.3 CNOOC Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.14.4 CNOOC Main Business Overview
 - 13.14.5 CNOOC Latest Developments
- 13.15 Sinopec
 - 13.15.1 Sinopec Company Information
 - 13.15.2 Sinopec Carbon Capture Solvent Product Portfolios and Specifications
 - 13.15.3 Sinopec Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.15.4 Sinopec Main Business Overview
 - 13.15.5 Sinopec Latest Developments
- 13.16 CNPC
 - 13.16.1 CNPC Company Information
 - 13.16.2 CNPC Carbon Capture Solvent Product Portfolios and Specifications
 - 13.16.3 CNPC Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.16.4 CNPC Main Business Overview
 - 13.16.5 CNPC Latest Developments
- 13.17 China Huaneng Group
 - 13.17.1 China Huaneng Group Company Information
 - 13.17.2 China Huaneng Group Carbon Capture Solvent Product Portfolios and Specifications
 - 13.17.3 China Huaneng Group Carbon Capture Solvent Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.17.4 China Huaneng Group Main Business Overview
 - 13.17.5 China Huaneng Group Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Carbon Capture Solvent Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Carbon Capture Solvent Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Amine-Based Solvent

Table 4. Major Players of Amino Acid Salt Solvent

Table 5. Major Players of Physical Absorption Solvent

Table 6. Global Carbon Capture Solvent Sales by Type (2021-2026) & (Kilotons)

Table 7. Global Carbon Capture Solvent Sales Market Share by Type (2021-2026)

Table 8. Global Carbon Capture Solvent Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Carbon Capture Solvent Revenue Market Share by Type (2021-2026)

Table 10. Global Carbon Capture Solvent Sale Price by Type (2021-2026) & (US\$/Ton)

Table 11. Major Players of Post-Combustion Capture Solvent

Table 12. Major Players of Pre-Combustion Capture Solvent

Table 13. Major Players of Direct Air Capture Solvent

Table 14. Global Carbon Capture Solvent Sales by Capture Process (2021-2026) & (Kilotons)

Table 15. Global Carbon Capture Solvent Sales Market Share by Capture Process (2021-2026)

Table 16. Global Carbon Capture Solvent Revenue by Capture Process (2021-2026) & (\$ million)

Table 17. Global Carbon Capture Solvent Revenue Market Share by Capture Process (2021-2026)

Table 18. Global Carbon Capture Solvent Sale Price by Capture Process (2021-2026) & (US\$/Ton)

Table 19. Major Players of Low Capacity ($<0.3\text{mol/mol}$)

Table 20. Major Players of Medium Capacity ($0.3\text{--}0.6\text{mol/mol}$)

Table 21. Major Players of High Capacity ($>0.6\text{mol/mol}$)

Table 22. Global Carbon Capture Solvent Sales by CO₂ Loading Capacity (2021-2026) & (Kilotons)

Table 23. Global Carbon Capture Solvent Sales Market Share by CO₂ Loading Capacity (2021-2026)

Table 24. Global Carbon Capture Solvent Revenue by CO₂ Loading Capacity (2021-2026) & (\$ million)

Table 25. Global Carbon Capture Solvent Revenue Market Share by CO₂ Loading

Capacity (2021-2026)

Table 26. Global Carbon Capture Solvent Sale Price by CO₂ Loading Capacity (2021-2026) & (US\$/Ton)

Table 27. Global Carbon Capture Solvent Sale by Application (2021-2026) & (Kilotons)

Table 28. Global Carbon Capture Solvent Sale Market Share by Application (2021-2026)

Table 29. Global Carbon Capture Solvent Revenue by Application (2021-2026) & (\$ million)

Table 30. Global Carbon Capture Solvent Revenue Market Share by Application (2021-2026)

Table 31. Global Carbon Capture Solvent Sale Price by Application (2021-2026) & (US\$/Ton)

Table 32. Global Carbon Capture Solvent Sales by Company (2021-2026) & (Kilotons)

Table 33. Global Carbon Capture Solvent Sales Market Share by Company (2021-2026)

Table 34. Global Carbon Capture Solvent Revenue by Company (2021-2026) & (\$ millions)

Table 35. Global Carbon Capture Solvent Revenue Market Share by Company (2021-2026)

Table 36. Global Carbon Capture Solvent Sale Price by Company (2021-2026) & (US\$/Ton)

Table 37. Key Manufacturers Carbon Capture Solvent Producing Area Distribution and Sales Area

Table 38. Players Carbon Capture Solvent Products Offered

Table 39. Carbon Capture Solvent Concentration Ratio (CR₃, CR₅ and CR₁₀) & (2024-2026)

Table 40. New Products and Potential Entrants

Table 41. Market M&A Activity & Strategy

Table 42. Global Carbon Capture Solvent Sales by Geographic Region (2021-2026) & (Kilotons)

Table 43. Global Carbon Capture Solvent Sales Market Share Geographic Region (2021-2026)

Table 44. Global Carbon Capture Solvent Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 45. Global Carbon Capture Solvent Revenue Market Share by Geographic Region (2021-2026)

Table 46. Global Carbon Capture Solvent Sales by Country/Region (2021-2026) & (Kilotons)

Table 47. Global Carbon Capture Solvent Sales Market Share by Country/Region

(2021-2026)

Table 48. Global Carbon Capture Solvent Revenue by Country/Region (2021-2026) & (\$ millions)

Table 49. Global Carbon Capture Solvent Revenue Market Share by Country/Region (2021-2026)

Table 50. Americas Carbon Capture Solvent Sales by Country (2021-2026) & (Kilotons)

Table 51. Americas Carbon Capture Solvent Sales Market Share by Country (2021-2026)

Table 52. Americas Carbon Capture Solvent Revenue by Country (2021-2026) & (\$ millions)

Table 53. Americas Carbon Capture Solvent Sales by Type (2021-2026) & (Kilotons)

Table 54. Americas Carbon Capture Solvent Sales by Application (2021-2026) & (Kilotons)

Table 55. APAC Carbon Capture Solvent Sales by Region (2021-2026) & (Kilotons)

Table 56. APAC Carbon Capture Solvent Sales Market Share by Region (2021-2026)

Table 57. APAC Carbon Capture Solvent Revenue by Region (2021-2026) & (\$ millions)

Table 58. APAC Carbon Capture Solvent Sales by Type (2021-2026) & (Kilotons)

Table 59. APAC Carbon Capture Solvent Sales by Application (2021-2026) & (Kilotons)

Table 60. Europe Carbon Capture Solvent Sales by Country (2021-2026) & (Kilotons)

Table 61. Europe Carbon Capture Solvent Revenue by Country (2021-2026) & (\$ millions)

Table 62. Europe Carbon Capture Solvent Sales by Type (2021-2026) & (Kilotons)

Table 63. Europe Carbon Capture Solvent Sales by Application (2021-2026) & (Kilotons)

Table 64. Middle East & Africa Carbon Capture Solvent Sales by Country (2021-2026) & (Kilotons)

Table 65. Middle East & Africa Carbon Capture Solvent Revenue Market Share by Country (2021-2026)

Table 66. Middle East & Africa Carbon Capture Solvent Sales by Type (2021-2026) & (Kilotons)

Table 67. Middle East & Africa Carbon Capture Solvent Sales by Application (2021-2026) & (Kilotons)

Table 68. Key Market Drivers & Growth Opportunities of Carbon Capture Solvent

Table 69. Key Market Challenges & Risks of Carbon Capture Solvent

Table 70. Key Industry Trends of Carbon Capture Solvent

Table 71. Carbon Capture Solvent Raw Material

Table 72. Key Suppliers of Raw Materials

Table 73. Carbon Capture Solvent Distributors List

Table 74. Carbon Capture Solvent Customer List

Table 75. Global Carbon Capture Solvent Sales Forecast by Region (2027-2032) & (Kilotons)

Table 76. Global Carbon Capture Solvent Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 77. Americas Carbon Capture Solvent Sales Forecast by Country (2027-2032) & (Kilotons)

Table 78. Americas Carbon Capture Solvent Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 79. APAC Carbon Capture Solvent Sales Forecast by Region (2027-2032) & (Kilotons)

Table 80. APAC Carbon Capture Solvent Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 81. Europe Carbon Capture Solvent Sales Forecast by Country (2027-2032) & (Kilotons)

Table 82. Europe Carbon Capture Solvent Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 83. Middle East & Africa Carbon Capture Solvent Sales Forecast by Country (2027-2032) & (Kilotons)

Table 84. Middle East & Africa Carbon Capture Solvent Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 85. Global Carbon Capture Solvent Sales Forecast by Type (2027-2032) & (Kilotons)

Table 86. Global Carbon Capture Solvent Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 87. Global Carbon Capture Solvent Sales Forecast by Application (2027-2032) & (Kilotons)

Table 88. Global Carbon Capture Solvent Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 89. BASF Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 90. BASF Carbon Capture Solvent Product Portfolios and Specifications

Table 91. BASF Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 92. BASF Main Business

Table 93. BASF Latest Developments

Table 94. Shell Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 95. Shell Carbon Capture Solvent Product Portfolios and Specifications

Table 96. Shell Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 97. Shell Main Business

Table 98. Shell Latest Developments

Table 99. Dow Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 100. Dow Carbon Capture Solvent Product Portfolios and Specifications

Table 101. Dow Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 102. Dow Main Business

Table 103. Dow Latest Developments

Table 104. Carbon Clean Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 105. Carbon Clean Carbon Capture Solvent Product Portfolios and Specifications

Table 106. Carbon Clean Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 107. Carbon Clean Main Business

Table 108. Carbon Clean Latest Developments

Table 109. Fluor Corporation Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 110. Fluor Corporation Carbon Capture Solvent Product Portfolios and Specifications

Table 111. Fluor Corporation Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 112. Fluor Corporation Main Business

Table 113. Fluor Corporation Latest Developments

Table 114. Mitsubishi Heavy Industries Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 115. Mitsubishi Heavy Industries Carbon Capture Solvent Product Portfolios and Specifications

Table 116. Mitsubishi Heavy Industries Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 117. Mitsubishi Heavy Industries Main Business

Table 118. Mitsubishi Heavy Industries Latest Developments

Table 119. Aker Solutions Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 120. Aker Solutions Carbon Capture Solvent Product Portfolios and Specifications

Table 121. Aker Solutions Carbon Capture Solvent Sales (Kilotons), Revenue (\$

Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 122. Aker Solutions Main Business

Table 123. Aker Solutions Latest Developments

Table 124. Linde Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 125. Linde Carbon Capture Solvent Product Portfolios and Specifications

Table 126. Linde Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 127. Linde Main Business

Table 128. Linde Latest Developments

Table 129. Honeywell UOP Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 130. Honeywell UOP Carbon Capture Solvent Product Portfolios and Specifications

Table 131. Honeywell UOP Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 132. Honeywell UOP Main Business

Table 133. Honeywell UOP Latest Developments

Table 134. ExxonMobil Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 135. ExxonMobil Carbon Capture Solvent Product Portfolios and Specifications

Table 136. ExxonMobil Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 137. ExxonMobil Main Business

Table 138. ExxonMobil Latest Developments

Table 139. Susteon Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 140. Susteon Carbon Capture Solvent Product Portfolios and Specifications

Table 141. Susteon Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 142. Susteon Main Business

Table 143. Susteon Latest Developments

Table 144. TotalEnergies Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors

Table 145. TotalEnergies Carbon Capture Solvent Product Portfolios and Specifications

Table 146. TotalEnergies Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 147. TotalEnergies Main Business

Table 148. TotalEnergies Latest Developments

Table 149. Capsol Technologies Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors
Table 150. Capsol Technologies Carbon Capture Solvent Product Portfolios and Specifications
Table 151. Capsol Technologies Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 152. Capsol Technologies Main Business
Table 153. Capsol Technologies Latest Developments
Table 154. CNOOC Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors
Table 155. CNOOC Carbon Capture Solvent Product Portfolios and Specifications
Table 156. CNOOC Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 157. CNOOC Main Business
Table 158. CNOOC Latest Developments
Table 159. Sinopec Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors
Table 160. Sinopec Carbon Capture Solvent Product Portfolios and Specifications
Table 161. Sinopec Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 162. Sinopec Main Business
Table 163. Sinopec Latest Developments
Table 164. CNPC Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors
Table 165. CNPC Carbon Capture Solvent Product Portfolios and Specifications
Table 166. CNPC Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 167. CNPC Main Business
Table 168. CNPC Latest Developments
Table 169. China Huaneng Group Basic Information, Carbon Capture Solvent Manufacturing Base, Sales Area and Its Competitors
Table 170. China Huaneng Group Carbon Capture Solvent Product Portfolios and Specifications
Table 171. China Huaneng Group Carbon Capture Solvent Sales (Kilotons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 172. China Huaneng Group Main Business
Table 173. China Huaneng Group Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Carbon Capture Solvent
- Figure 2. Carbon Capture Solvent Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Carbon Capture Solvent Sales Growth Rate 2021-2032 (Kilotons)
- Figure 7. Global Carbon Capture Solvent Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Carbon Capture Solvent Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Carbon Capture Solvent Sales Market Share by Country/Region (2025)
- Figure 10. Carbon Capture Solvent Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Amine-Based Solvent
- Figure 12. Product Picture of Amino Acid Salt Solvent
- Figure 13. Product Picture of Physical Absorption Solvent
- Figure 14. Global Carbon Capture Solvent Sales Market Share by Type in 2026
- Figure 15. Global Carbon Capture Solvent Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of Post-Combustion Capture Solvent
- Figure 17. Product Picture of Pre-Combustion Capture Solvent
- Figure 18. Product Picture of Direct Air Capture Solvent
- Figure 19. Global Carbon Capture Solvent Sales Market Share by Capture Process in 2026
- Figure 20. Global Carbon Capture Solvent Revenue Market Share by Capture Process (2021-2026)
- Figure 21. Product Picture of Low Capacity ($<0.3\text{mol/mol}$)
- Figure 22. Product Picture of Medium Capacity ($0.3\text{--}0.6\text{mol/mol}$)
- Figure 23. Product Picture of High Capacity ($>0.6\text{mol/mol}$)
- Figure 24. Global Carbon Capture Solvent Sales Market Share by CO₂ Loading Capacity in 2026
- Figure 25. Global Carbon Capture Solvent Revenue Market Share by CO₂ Loading Capacity (2021-2026)
- Figure 26. Carbon Capture Solvent Consumed in Carbon Capture and Storage
- Figure 27. Global Carbon Capture Solvent Market: Carbon Capture and Storage (2021-2026) & (Kilotons)
- Figure 28. Carbon Capture Solvent Consumed in Carbon Utilization

Figure 29. Global Carbon Capture Solvent Market: Carbon Utilization (2021-2026) & (Kilotons)

Figure 30. Carbon Capture Solvent Consumed in Industrial Decarbonization

Figure 31. Global Carbon Capture Solvent Market: Industrial Decarbonization (2021-2026) & (Kilotons)

Figure 32. Carbon Capture Solvent Consumed in Other

Figure 33. Global Carbon Capture Solvent Market: Other (2021-2026) & (Kilotons)

Figure 34. Global Carbon Capture Solvent Sale Market Share by Application (2025)

Figure 35. Global Carbon Capture Solvent Revenue Market Share by Application in 2025

Figure 36. Carbon Capture Solvent Sales by Company in 2025 (Kilotons)

Figure 37. Global Carbon Capture Solvent Sales Market Share by Company in 2025

Figure 38. Carbon Capture Solvent Revenue by Company in 2025 (\$ millions)

Figure 39. Global Carbon Capture Solvent Revenue Market Share by Company in 2025

Figure 40. Global Carbon Capture Solvent Sales Market Share by Geographic Region (2021-2026)

Figure 41. Global Carbon Capture Solvent Revenue Market Share by Geographic Region in 2025

Figure 42. Americas Carbon Capture Solvent Sales 2021-2026 (Kilotons)

Figure 43. Americas Carbon Capture Solvent Revenue 2021-2026 (\$ millions)

Figure 44. APAC Carbon Capture Solvent Sales 2021-2026 (Kilotons)

Figure 45. APAC Carbon Capture Solvent Revenue 2021-2026 (\$ millions)

Figure 46. Europe Carbon Capture Solvent Sales 2021-2026 (Kilotons)

Figure 47. Europe Carbon Capture Solvent Revenue 2021-2026 (\$ millions)

Figure 48. Middle East & Africa Carbon Capture Solvent Sales 2021-2026 (Kilotons)

Figure 49. Middle East & Africa Carbon Capture Solvent Revenue 2021-2026 (\$ millions)

Figure 50. Americas Carbon Capture Solvent Sales Market Share by Country in 2025

Figure 51. Americas Carbon Capture Solvent Revenue Market Share by Country (2021-2026)

Figure 52. Americas Carbon Capture Solvent Sales Market Share by Type (2021-2026)

Figure 53. Americas Carbon Capture Solvent Sales Market Share by Application (2021-2026)

Figure 54. United States Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)

Figure 55. Canada Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)

Figure 56. Mexico Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)

Figure 57. Brazil Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)

Figure 58. APAC Carbon Capture Solvent Sales Market Share by Region in 2025

- Figure 59. APAC Carbon Capture Solvent Revenue Market Share by Region (2021-2026)
- Figure 60. APAC Carbon Capture Solvent Sales Market Share by Type (2021-2026)
- Figure 61. APAC Carbon Capture Solvent Sales Market Share by Application (2021-2026)
- Figure 62. China Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 63. Japan Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 64. South Korea Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 65. Southeast Asia Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 66. India Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 67. Australia Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 68. China Taiwan Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 69. Europe Carbon Capture Solvent Sales Market Share by Country in 2025
- Figure 70. Europe Carbon Capture Solvent Revenue Market Share by Country (2021-2026)
- Figure 71. Europe Carbon Capture Solvent Sales Market Share by Type (2021-2026)
- Figure 72. Europe Carbon Capture Solvent Sales Market Share by Application (2021-2026)
- Figure 73. Germany Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 74. France Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 75. UK Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 76. Italy Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 77. Russia Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 78. Middle East & Africa Carbon Capture Solvent Sales Market Share by Country (2021-2026)
- Figure 79. Middle East & Africa Carbon Capture Solvent Sales Market Share by Type (2021-2026)
- Figure 80. Middle East & Africa Carbon Capture Solvent Sales Market Share by Application (2021-2026)
- Figure 81. Egypt Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 82. South Africa Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 83. Israel Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 84. Turkey Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)
- Figure 85. GCC Countries Carbon Capture Solvent Revenue Growth 2021-2026 (\$ millions)

Figure 86. Manufacturing Cost Structure Analysis of Carbon Capture Solvent in 2026

Figure 87. Manufacturing Process Analysis of Carbon Capture Solvent

Figure 88. Industry Chain Structure of Carbon Capture Solvent

Figure 89. Channels of Distribution

Figure 90. Global Carbon Capture Solvent Sales Market Forecast by Region
(2027-2032)

Figure 91. Global Carbon Capture Solvent Revenue Market Share Forecast by Region
(2027-2032)

Figure 92. Global Carbon Capture Solvent Sales Market Share Forecast by Type
(2027-2032)

Figure 93. Global Carbon Capture Solvent Revenue Market Share Forecast by Type
(2027-2032)

Figure 94. Global Carbon Capture Solvent Sales Market Share Forecast by Application
(2027-2032)

Figure 95. Global Carbon Capture Solvent Revenue Market Share Forecast by
Application (2027-2032)

I would like to order

Product name: Global Carbon Capture Solvent Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GB7E8B449B52EN.html>

Price: US\$ 3,660.00 (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/GB7E8B449B52EN.html>