

Global Dissolved Acetylene Gas Market Research Report 2025(Status and Outlook)

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Abstracts

Report Overview

Dissolved acetylene gas, also known as acetylene dissolved in acetone, is a colorless, highly flammable gas with a garlic-like odor. It is commonly used as a fuel and a chemical building block in various industries such as metal fabrication, construction, and chemical synthesis. Dissolved acetylene gas is stored in specially designed cylinders filled with a porous material saturated with acetone to stabilize the acetylene under high pressure. When released, the gas is used in oxy-acetylene welding and cutting processes due to its high temperature flame. Additionally, it serves as a precursor in the production of various organic compounds like plastics and pharmaceuticals. The market for dissolved acetylene gas is driven by the growing demand for metal fabrication, construction activities, and chemical manufacturing worldwide.

The market for dissolved acetylene gas is witnessing several key trends and market drivers that are shaping its growth trajectory. One of the primary drivers is the increasing adoption of oxy-acetylene welding and cutting techniques in the metalworking industry due to their efficiency and versatility. Moreover, the expanding construction sector, particularly in developing economies, is fueling the demand for dissolved acetylene gas for various applications such as metal joining and cutting. Additionally, the rising investments in infrastructure development projects globally are further driving the market growth. Furthermore, the growing demand for acetylene-derived chemicals in the pharmaceutical and plastics industries is creating new opportunities for market expansion. At the same time, stringent regulations regarding workplace safety and environmental protection are influencing the market dynamics, leading to innovations in the packaging and transportation of dissolved acetylene gas to ensure compliance with safety standards.

This report provides a deep insight into the global Dissolved Acetylene Gas market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Dissolved Acetylene Gas Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Dissolved Acetylene Gas market in any manner.

Global Dissolved Acetylene Gas Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Linde plc

BASF

Air Liquide

Air Products and Chemicals

Sinopec

Taiyo Nippon Sanso

Koatsu Gas Kogyo Co.

Ltd.

Toho Acetylene Co.

Ltd.

Gulf Cryo

Messer

Jinhong Gas

Market Segmentation (by Type)

Hydrocarbon Pyrolysis Type

Calcium Carbide Type

Market Segmentation (by Application)

Chemical

Cutting and Welding

Semiconductor

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Dissolved Acetylene Gas Market

Overview of the regional outlook of the Dissolved Acetylene Gas Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Dissolved Acetylene Gas Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Dissolved Acetylene Gas

1.2 Key Market Segments

1.2.1 Dissolved Acetylene Gas Segment by Type

1.2.2 Dissolved Acetylene Gas Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 DISSOLVED ACETYLENE GAS MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Dissolved Acetylene Gas Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global Dissolved Acetylene Gas Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 DISSOLVED ACETYLENE GAS MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Dissolved Acetylene Gas Product Life Cycle

3.3 Global Dissolved Acetylene Gas Sales by Manufacturers (2020-2025)

3.4 Global Dissolved Acetylene Gas Revenue Market Share by Manufacturers (2020-2025)

3.5 Dissolved Acetylene Gas Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Dissolved Acetylene Gas Average Price by Manufacturers (2020-2025)

3.7 Manufacturers Dissolved Acetylene Gas Manufacturing Sites, Area Served, Product Type

3.8 Dissolved Acetylene Gas Market Competitive Situation and Trends

3.8.1 Dissolved Acetylene Gas Market Concentration Rate

3.8.2 Global 5 and 10 Largest Dissolved Acetylene Gas Players Market Share by

Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 DISSOLVED ACETYLENE GAS INDUSTRY CHAIN ANALYSIS

4.1 Dissolved Acetylene Gas Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF DISSOLVED ACETYLENE GAS MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Dissolved Acetylene Gas Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 Global Trade Frictions and Their Impacts to Dissolved Acetylene Gas Market

5.7 ESG Ratings of Leading Companies

6 DISSOLVED ACETYLENE GAS MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Dissolved Acetylene Gas Sales Market Share by Type (2020-2025)

6.3 Global Dissolved Acetylene Gas Market Size Market Share by Type (2020-2025)

6.4 Global Dissolved Acetylene Gas Price by Type (2020-2025)

7 DISSOLVED ACETYLENE GAS MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Dissolved Acetylene Gas Market Sales by Application (2020-2025)
- 7.3 Global Dissolved Acetylene Gas Market Size (M USD) by Application (2020-2025)
- 7.4 Global Dissolved Acetylene Gas Sales Growth Rate by Application (2020-2025)

8 DISSOLVED ACETYLENE GAS MARKET SALES BY REGION

- 8.1 Global Dissolved Acetylene Gas Sales by Region
 - 8.1.1 Global Dissolved Acetylene Gas Sales by Region
 - 8.1.2 Global Dissolved Acetylene Gas Sales Market Share by Region
- 8.2 Global Dissolved Acetylene Gas Market Size by Region
 - 8.2.1 Global Dissolved Acetylene Gas Market Size by Region
 - 8.2.2 Global Dissolved Acetylene Gas Market Size Market Share by Region
- 8.3 North America
 - 8.3.1 North America Dissolved Acetylene Gas Sales by Country
 - 8.3.2 North America Dissolved Acetylene Gas Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe Dissolved Acetylene Gas Sales by Country
 - 8.4.2 Europe Dissolved Acetylene Gas Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Dissolved Acetylene Gas Sales by Region
 - 8.5.2 Asia Pacific Dissolved Acetylene Gas Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America Dissolved Acetylene Gas Sales by Country
 - 8.6.2 South America Dissolved Acetylene Gas Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Dissolved Acetylene Gas Sales by Region

8.7.2 Middle East and Africa Dissolved Acetylene Gas Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 DISSOLVED ACETYLENE GAS MARKET PRODUCTION BY REGION

9.1 Global Production of Dissolved Acetylene Gas by Region(2020-2025)

9.2 Global Dissolved Acetylene Gas Revenue Market Share by Region (2020-2025)

9.3 Global Dissolved Acetylene Gas Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Dissolved Acetylene Gas Production

9.4.1 North America Dissolved Acetylene Gas Production Growth Rate (2020-2025)

9.4.2 North America Dissolved Acetylene Gas Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Dissolved Acetylene Gas Production

9.5.1 Europe Dissolved Acetylene Gas Production Growth Rate (2020-2025)

9.5.2 Europe Dissolved Acetylene Gas Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Dissolved Acetylene Gas Production (2020-2025)

9.6.1 Japan Dissolved Acetylene Gas Production Growth Rate (2020-2025)

9.6.2 Japan Dissolved Acetylene Gas Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Dissolved Acetylene Gas Production (2020-2025)

9.7.1 China Dissolved Acetylene Gas Production Growth Rate (2020-2025)

9.7.2 China Dissolved Acetylene Gas Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Linde plc

10.1.1 Linde plc Basic Information

- 10.1.2 Linde plc Dissolved Acetylene Gas Product Overview
- 10.1.3 Linde plc Dissolved Acetylene Gas Product Market Performance
- 10.1.4 Linde plc Business Overview
- 10.1.5 Linde plc SWOT Analysis
- 10.1.6 Linde plc Recent Developments
- 10.2 BASF
 - 10.2.1 BASF Basic Information
 - 10.2.2 BASF Dissolved Acetylene Gas Product Overview
 - 10.2.3 BASF Dissolved Acetylene Gas Product Market Performance
 - 10.2.4 BASF Business Overview
 - 10.2.5 BASF SWOT Analysis
 - 10.2.6 BASF Recent Developments
- 10.3 Air Liquide
 - 10.3.1 Air Liquide Basic Information
 - 10.3.2 Air Liquide Dissolved Acetylene Gas Product Overview
 - 10.3.3 Air Liquide Dissolved Acetylene Gas Product Market Performance
 - 10.3.4 Air Liquide Business Overview
 - 10.3.5 Air Liquide SWOT Analysis
 - 10.3.6 Air Liquide Recent Developments
- 10.4 Air Products and Chemicals
 - 10.4.1 Air Products and Chemicals Basic Information
 - 10.4.2 Air Products and Chemicals Dissolved Acetylene Gas Product Overview
 - 10.4.3 Air Products and Chemicals Dissolved Acetylene Gas Product Market Performance
 - 10.4.4 Air Products and Chemicals Business Overview
 - 10.4.5 Air Products and Chemicals Recent Developments
- 10.5 Sinopec
 - 10.5.1 Sinopec Basic Information
 - 10.5.2 Sinopec Dissolved Acetylene Gas Product Overview
 - 10.5.3 Sinopec Dissolved Acetylene Gas Product Market Performance
 - 10.5.4 Sinopec Business Overview
 - 10.5.5 Sinopec Recent Developments
- 10.6 Taiyo Nippon Sanso
 - 10.6.1 Taiyo Nippon Sanso Basic Information
 - 10.6.2 Taiyo Nippon Sanso Dissolved Acetylene Gas Product Overview
 - 10.6.3 Taiyo Nippon Sanso Dissolved Acetylene Gas Product Market Performance
 - 10.6.4 Taiyo Nippon Sanso Business Overview
 - 10.6.5 Taiyo Nippon Sanso Recent Developments
- 10.7 Koatsu Gas Kogyo Co.

- 10.7.1 Koatsu Gas Kogyo Co. Basic Information
- 10.7.2 Koatsu Gas Kogyo Co. Dissolved Acetylene Gas Product Overview
- 10.7.3 Koatsu Gas Kogyo Co. Dissolved Acetylene Gas Product Market Performance
- 10.7.4 Koatsu Gas Kogyo Co. Business Overview
- 10.7.5 Koatsu Gas Kogyo Co. Recent Developments
- 10.8 Ltd.
- 10.8.1 Ltd. Basic Information
- 10.8.2 Ltd. Dissolved Acetylene Gas Product Overview
- 10.8.3 Ltd. Dissolved Acetylene Gas Product Market Performance
- 10.8.4 Ltd. Business Overview
- 10.8.5 Ltd. Recent Developments
- 10.9 Toho Acetylene Co.
- 10.9.1 Toho Acetylene Co. Basic Information
- 10.9.2 Toho Acetylene Co. Dissolved Acetylene Gas Product Overview
- 10.9.3 Toho Acetylene Co. Dissolved Acetylene Gas Product Market Performance
- 10.9.4 Toho Acetylene Co. Business Overview
- 10.9.5 Toho Acetylene Co. Recent Developments
- 10.10 Ltd.
- 10.10.1 Ltd. Basic Information
- 10.10.2 Ltd. Dissolved Acetylene Gas Product Overview
- 10.10.3 Ltd. Dissolved Acetylene Gas Product Market Performance
- 10.10.4 Ltd. Business Overview
- 10.10.5 Ltd. Recent Developments
- 10.11 Gulf Cryo
- 10.11.1 Gulf Cryo Basic Information
- 10.11.2 Gulf Cryo Dissolved Acetylene Gas Product Overview
- 10.11.3 Gulf Cryo Dissolved Acetylene Gas Product Market Performance
- 10.11.4 Gulf Cryo Business Overview
- 10.11.5 Gulf Cryo Recent Developments
- 10.12 Messer
- 10.12.1 Messer Basic Information
- 10.12.2 Messer Dissolved Acetylene Gas Product Overview
- 10.12.3 Messer Dissolved Acetylene Gas Product Market Performance
- 10.12.4 Messer Business Overview
- 10.12.5 Messer Recent Developments
- 10.13 Jinhong Gas
- 10.13.1 Jinhong Gas Basic Information
- 10.13.2 Jinhong Gas Dissolved Acetylene Gas Product Overview
- 10.13.3 Jinhong Gas Dissolved Acetylene Gas Product Market Performance

10.13.4 Jinhong Gas Business Overview

10.13.5 Jinhong Gas Recent Developments

11 DISSOLVED ACETYLENE GAS MARKET FORECAST BY REGION

11.1 Global Dissolved Acetylene Gas Market Size Forecast

11.2 Global Dissolved Acetylene Gas Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Dissolved Acetylene Gas Market Size Forecast by Country

11.2.3 Asia Pacific Dissolved Acetylene Gas Market Size Forecast by Region

11.2.4 South America Dissolved Acetylene Gas Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Dissolved Acetylene Gas by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

12.1 Global Dissolved Acetylene Gas Market Forecast by Type (2026-2033)

12.1.1 Global Forecasted Sales of Dissolved Acetylene Gas by Type (2026-2033)

12.1.2 Global Dissolved Acetylene Gas Market Size Forecast by Type (2026-2033)

12.1.3 Global Forecasted Price of Dissolved Acetylene Gas by Type (2026-2033)

12.2 Global Dissolved Acetylene Gas Market Forecast by Application (2026-2033)

12.2.1 Global Dissolved Acetylene Gas Sales (K MT) Forecast by Application

12.2.2 Global Dissolved Acetylene Gas Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List of Tables

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Dissolved Acetylene Gas Market Size Comparison by Region (M USD)

Table 5. Global Dissolved Acetylene Gas Sales (K MT) by Manufacturers (2020-2025)

Table 6. Global Dissolved Acetylene Gas Sales Market Share by Manufacturers (2020-2025)

Table 7. Global Dissolved Acetylene Gas Revenue (M USD) by Manufacturers (2020-2025)

Table 8. Global Dissolved Acetylene Gas Revenue Share by Manufacturers (2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in

Dissolved Acetylene Gas as of 2024)

Table 10. Global Market Dissolved Acetylene Gas Average Price (USD/MT) of Key Manufacturers (2020-2025)

Table 11. Manufacturers Dissolved Acetylene Gas Manufacturing Sites and Area Served

Table 12. Manufacturers Dissolved Acetylene Gas Product Type

Table 13. Global Dissolved Acetylene Gas Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Dissolved Acetylene Gas Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. Global Dissolved Acetylene Gas Sales by Type (K MT)

Table 25. Global Dissolved Acetylene Gas Market Size by Type (M USD)

Table 26. Global Dissolved Acetylene Gas Sales (K MT) by Type (2020-2025)

Table 27. Global Dissolved Acetylene Gas Sales Market Share by Type (2020-2025)

Table 28. Global Dissolved Acetylene Gas Market Size (M USD) by Type (2020-2025)

Table 29. Global Dissolved Acetylene Gas Market Size Share by Type (2020-2025)

Table 30. Global Dissolved Acetylene Gas Price (USD/MT) by Type (2020-2025)

Table 31. Global Dissolved Acetylene Gas Sales (K MT) by Application

Table 32. Global Dissolved Acetylene Gas Market Size by Application

Table 33. Global Dissolved Acetylene Gas Sales by Application (2020-2025) & (K MT)

Table 34. Global Dissolved Acetylene Gas Sales Market Share by Application (2020-2025)

Table 35. Global Dissolved Acetylene Gas Market Size by Application (2020-2025) & (M USD)

Table 36. Global Dissolved Acetylene Gas Market Share by Application (2020-2025)

Table 37. Global Dissolved Acetylene Gas Sales Growth Rate by Application (2020-2025)

Table 38. Global Dissolved Acetylene Gas Sales by Region (2020-2025) & (K MT)

Table 39. Global Dissolved Acetylene Gas Sales Market Share by Region (2020-2025)

Table 40. Global Dissolved Acetylene Gas Market Size by Region (2020-2025) & (M USD)

Table 41. Global Dissolved Acetylene Gas Market Size Market Share by Region (2020-2025)

Table 42. North America Dissolved Acetylene Gas Sales by Country (2020-2025) & (K MT)

Table 43. North America Dissolved Acetylene Gas Market Size by Country (2020-2025) & (M USD)

Table 44. Europe Dissolved Acetylene Gas Sales by Country (2020-2025) & (K MT)

Table 45. Europe Dissolved Acetylene Gas Market Size by Country (2020-2025) & (M USD)

Table 46. Asia Pacific Dissolved Acetylene Gas Sales by Region (2020-2025) & (K MT)

Table 47. Asia Pacific Dissolved Acetylene Gas Market Size by Region (2020-2025) & (M USD)

Table 48. South America Dissolved Acetylene Gas Sales by Country (2020-2025) & (K MT)

Table 49. South America Dissolved Acetylene Gas Market Size by Country (2020-2025) & (M USD)

Table 50. Middle East and Africa Dissolved Acetylene Gas Sales by Region (2020-2025) & (K MT)

Table 51. Middle East and Africa Dissolved Acetylene Gas Market Size by Region (2020-2025) & (M USD)

Table 52. Global Dissolved Acetylene Gas Production (K MT) by Region(2020-2025)

Table 53. Global Dissolved Acetylene Gas Revenue (US\$ Million) by Region (2020-2025)

Table 54. Global Dissolved Acetylene Gas Revenue Market Share by Region (2020-2025)

Table 55. Global Dissolved Acetylene Gas Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 56. North America Dissolved Acetylene Gas Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 57. Europe Dissolved Acetylene Gas Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 58. Japan Dissolved Acetylene Gas Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 59. China Dissolved Acetylene Gas Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 60. Linde plc Basic Information

Table 61. Linde plc Dissolved Acetylene Gas Product Overview

Table 62. Linde plc Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)

Table 63. Linde plc Business Overview
Table 64. Linde plc SWOT Analysis
Table 65. Linde plc Recent Developments
Table 66. BASF Basic Information
Table 67. BASF Dissolved Acetylene Gas Product Overview
Table 68. BASF Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 69. BASF Business Overview
Table 70. BASF SWOT Analysis
Table 71. BASF Recent Developments
Table 72. Air Liquide Basic Information
Table 73. Air Liquide Dissolved Acetylene Gas Product Overview
Table 74. Air Liquide Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 75. Air Liquide Business Overview
Table 76. Air Liquide SWOT Analysis
Table 77. Air Liquide Recent Developments
Table 78. Air Products and Chemicals Basic Information
Table 79. Air Products and Chemicals Dissolved Acetylene Gas Product Overview
Table 80. Air Products and Chemicals Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 81. Air Products and Chemicals Business Overview
Table 82. Air Products and Chemicals Recent Developments
Table 83. Sinopec Basic Information
Table 84. Sinopec Dissolved Acetylene Gas Product Overview
Table 85. Sinopec Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 86. Sinopec Business Overview
Table 87. Sinopec Recent Developments
Table 88. Taiyo Nippon Sanso Basic Information
Table 89. Taiyo Nippon Sanso Dissolved Acetylene Gas Product Overview
Table 90. Taiyo Nippon Sanso Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 91. Taiyo Nippon Sanso Business Overview
Table 92. Taiyo Nippon Sanso Recent Developments
Table 93. Koatsu Gas Kogyo Co. Basic Information
Table 94. Koatsu Gas Kogyo Co. Dissolved Acetylene Gas Product Overview
Table 95. Koatsu Gas Kogyo Co. Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)

Table 96. Koatsu Gas Kogyo Co. Business Overview
Table 97. Koatsu Gas Kogyo Co. Recent Developments
Table 98. Ltd. Basic Information
Table 99. Ltd. Dissolved Acetylene Gas Product Overview
Table 100. Ltd. Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 101. Ltd. Business Overview
Table 102. Ltd. Recent Developments
Table 103. Toho Acetylene Co. Basic Information
Table 104. Toho Acetylene Co. Dissolved Acetylene Gas Product Overview
Table 105. Toho Acetylene Co. Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 106. Toho Acetylene Co. Business Overview
Table 107. Toho Acetylene Co. Recent Developments
Table 108. Ltd. Basic Information
Table 109. Ltd. Dissolved Acetylene Gas Product Overview
Table 110. Ltd. Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 111. Ltd. Business Overview
Table 112. Ltd. Recent Developments
Table 113. Gulf Cryo Basic Information
Table 114. Gulf Cryo Dissolved Acetylene Gas Product Overview
Table 115. Gulf Cryo Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 116. Gulf Cryo Business Overview
Table 117. Gulf Cryo Recent Developments
Table 118. Messer Basic Information
Table 119. Messer Dissolved Acetylene Gas Product Overview
Table 120. Messer Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 121. Messer Business Overview
Table 122. Messer Recent Developments
Table 123. Jinhong Gas Basic Information
Table 124. Jinhong Gas Dissolved Acetylene Gas Product Overview
Table 125. Jinhong Gas Dissolved Acetylene Gas Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 126. Jinhong Gas Business Overview
Table 127. Jinhong Gas Recent Developments
Table 128. Global Dissolved Acetylene Gas Sales Forecast by Region (2026-2033) & (K

MT)

Table 129. Global Dissolved Acetylene Gas Market Size Forecast by Region (2026-2033) & (M USD)

Table 130. North America Dissolved Acetylene Gas Sales Forecast by Country (2026-2033) & (K MT)

Table 131. North America Dissolved Acetylene Gas Market Size Forecast by Country (2026-2033) & (M USD)

Table 132. Europe Dissolved Acetylene Gas Sales Forecast by Country (2026-2033) & (K MT)

Table 133. Europe Dissolved Acetylene Gas Market Size Forecast by Country (2026-2033) & (M USD)

Table 134. Asia Pacific Dissolved Acetylene Gas Sales Forecast by Region (2026-2033) & (K MT)

Table 135. Asia Pacific Dissolved Acetylene Gas Market Size Forecast by Region (2026-2033) & (M USD)

Table 136. South America Dissolved Acetylene Gas Sales Forecast by Country (2026-2033) & (K MT)

Table 137. South America Dissolved Acetylene Gas Market Size Forecast by Country (2026-2033) & (M USD)

Table 138. Middle East and Africa Dissolved Acetylene Gas Sales Forecast by Country (2026-2033) & (Units)

Table 139. Middle East and Africa Dissolved Acetylene Gas Market Size Forecast by Country (2026-2033) & (M USD)

Table 140. Global Dissolved Acetylene Gas Sales Forecast by Type (2026-2033) & (K MT)

Table 141. Global Dissolved Acetylene Gas Market Size Forecast by Type (2026-2033) & (M USD)

Table 142. Global Dissolved Acetylene Gas Price Forecast by Type (2026-2033) & (USD/MT)

Table 143. Global Dissolved Acetylene Gas Sales (K MT) Forecast by Application (2026-2033)

Table 144. Global Dissolved Acetylene Gas Market Size Forecast by Application (2026-2033) & (M USD)

List of Figures

Figure 1. Product Picture of Dissolved Acetylene Gas

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Dissolved Acetylene Gas Market Size (M USD), 2024-2033

Figure 5. Global Dissolved Acetylene Gas Market Size (M USD) (2020-2033)

- Figure 6. Global Dissolved Acetylene Gas Sales (K MT) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Dissolved Acetylene Gas Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Dissolved Acetylene Gas Product Life Cycle
- Figure 13. Dissolved Acetylene Gas Sales Share by Manufacturers in 2024
- Figure 14. Global Dissolved Acetylene Gas Revenue Share by Manufacturers in 2024
- Figure 15. Dissolved Acetylene Gas Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market Dissolved Acetylene Gas Average Price (USD/MT) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Dissolved Acetylene Gas Revenue in 2024
- Figure 18. Industry Chain Map of Dissolved Acetylene Gas
- Figure 19. Global Dissolved Acetylene Gas Market PEST Analysis
- Figure 20. Global Dissolved Acetylene Gas Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Dissolved Acetylene Gas Market Share by Type
- Figure 27. Sales Market Share of Dissolved Acetylene Gas by Type (2020-2025)
- Figure 28. Sales Market Share of Dissolved Acetylene Gas by Type in 2024
- Figure 29. Market Size Share of Dissolved Acetylene Gas by Type (2020-2025)
- Figure 30. Market Size Share of Dissolved Acetylene Gas by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Dissolved Acetylene Gas Market Share by Application
- Figure 33. Global Dissolved Acetylene Gas Sales Market Share by Application (2020-2025)
- Figure 34. Global Dissolved Acetylene Gas Sales Market Share by Application in 2024
- Figure 35. Global Dissolved Acetylene Gas Market Share by Application (2020-2025)
- Figure 36. Global Dissolved Acetylene Gas Market Share by Application in 2024
- Figure 37. Global Dissolved Acetylene Gas Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Dissolved Acetylene Gas Sales Market Share by Region (2020-2025)
- Figure 39. Global Dissolved Acetylene Gas Market Size Market Share by Region

(2020-2025)

Figure 40. North America Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 41. North America Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 42. North America Dissolved Acetylene Gas Sales Market Share by Country in 2024

Figure 43. North America Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Dissolved Acetylene Gas Market Size Market Share by Country in 2024

Figure 45. U.S. Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Dissolved Acetylene Gas Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Dissolved Acetylene Gas Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Dissolved Acetylene Gas Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Dissolved Acetylene Gas Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Dissolved Acetylene Gas Sales Market Share by Country in 2024

Figure 53. Europe Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Dissolved Acetylene Gas Market Size Market Share by Country in 2024

Figure 55. Germany Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Dissolved Acetylene Gas Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Dissolved Acetylene Gas Sales Market Share by Region in 2024

Figure 67. Asia Pacific Dissolved Acetylene Gas Market Size Market Share by Region in 2024

Figure 68. China Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Dissolved Acetylene Gas Sales and Growth Rate (K MT)

Figure 79. South America Dissolved Acetylene Gas Sales Market Share by Country in 2024

Figure 80. South America Dissolved Acetylene Gas Market Size and Growth Rate (M USD)

Figure 81. South America Dissolved Acetylene Gas Market Size Market Share by Country in 2024

Figure 82. Brazil Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Dissolved Acetylene Gas Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Dissolved Acetylene Gas Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Dissolved Acetylene Gas Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Dissolved Acetylene Gas Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Dissolved Acetylene Gas Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Dissolved Acetylene Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Dissolved Acetylene Gas Production Market Share by Region (2020-2025)

Figure 103. North America Dissolved Acetylene Gas Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Dissolved Acetylene Gas Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Dissolved Acetylene Gas Production (K MT) Growth Rate (2020-2025)

Figure 106. China Dissolved Acetylene Gas Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Dissolved Acetylene Gas Sales Forecast by Volume (2020-2033) & (K MT)

Figure 108. Global Dissolved Acetylene Gas Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Dissolved Acetylene Gas Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Dissolved Acetylene Gas Market Share Forecast by Type (2026-2033)

Figure 111. Global Dissolved Acetylene Gas Sales Forecast by Application (2026-2033)

Figure 112. Global Dissolved Acetylene Gas Market Share Forecast by Application (2026-2033)

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