

Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Industrial Gas (Helium and CO2 and Refrigerant Gas) market size was valued at US\$ 9389 million in 2024 and is forecast to a readjusted size of USD 12490 million by 2031 with a CAGR of 4.2% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Industrial gases, such as helium, carbon dioxide (CO2), and refrigerant gases, are essential substances used across various industries. Helium is a lighter-than-air gas often utilized in scientific research, medical applications, and for inflating balloons. Carbon dioxide plays a critical role in food and beverage production, particularly in carbonation, as well as in enhanced oil recovery and greenhouse applications. Refrigerant gases, which include substances like hydrofluorocarbons (HFCs), are vital for cooling systems in refrigeration and air conditioning, helping to transfer heat efficiently. Each of these gases serves distinct functions, contributing significantly to industrial processes and technology.

In this report, we only study the Helium, CO2 and Refrigerant Gas.

This report is a detailed and comprehensive analysis for global Industrial Gas (Helium and CO2 and Refrigerant Gas) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand

trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Industrial Gas (Helium and CO₂ and Refrigerant Gas) market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Industrial Gas (Helium and CO₂ and Refrigerant Gas) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Industrial Gas (Helium and CO₂ and Refrigerant Gas) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Industrial Gas (Helium and CO₂ and Refrigerant Gas) market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Industrial Gas (Helium and CO₂ and Refrigerant Gas)
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Industrial Gas (Helium and CO₂ and Refrigerant Gas) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Linde, Air Liquid, Air Products and Chemicals, Taiyo Nippon Sanso, Messer Group, India Glycols, SOL Group, Air Water, Hunan Kaimeite Gases, Gulf Cryo, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Industrial Gas (Helium and CO2 and Refrigerant Gas) market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Helium

CO2

Refrigerant Gas

Market segment by Application

Chemicals and Petroleum Industry

Metals Industry

Food and Beverages

Other

Major players covered

Linde

Air Liquid

Air Products and Chemicals

Taiyo Nippon Sanso

Messer Group

India Glycols

SOL Group

Air Water

Hunan Kaimeite Gases

Gulf Cryo

Rasgas

Exxon

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Industrial Gas (Helium and CO₂ and Refrigerant Gas) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Industrial Gas (Helium and CO₂ and Refrigerant Gas), with price, sales quantity, revenue, and global market share of Industrial Gas (Helium and CO₂ and Refrigerant Gas) from 2020 to 2025.

Chapter 3, the Industrial Gas (Helium and CO₂ and Refrigerant Gas) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Industrial Gas (Helium and CO₂ and Refrigerant Gas) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market

share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Industrial Gas (Helium and CO₂ and Refrigerant Gas) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Industrial Gas (Helium and CO₂ and Refrigerant Gas).

Chapter 14 and 15, to describe Industrial Gas (Helium and CO₂ and Refrigerant Gas) sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Industrial Gas (Helium and CO2 and Refrigerant Gas)
Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Helium

1.3.3 CO2

1.3.4 Refrigerant Gas

1.4 Market Analysis by Application

1.4.1 Overview: Global Industrial Gas (Helium and CO2 and Refrigerant Gas)
Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Chemicals and Petroleum Industry

1.4.3 Metals Industry

1.4.4 Food and Beverages

1.4.5 Other

1.5 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Market Size &
Forecast

1.5.1 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption
Value (2020 & 2024 & 2031)

1.5.2 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity
(2020-2031)

1.5.3 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price
(2020-2031)

2 MANUFACTURERS PROFILES

2.1 Linde

2.1.1 Linde Details

2.1.2 Linde Major Business

2.1.3 Linde Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and
Services

2.1.4 Linde Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity,
Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Linde Recent Developments/Updates

2.2 Air Liquid

- 2.2.1 Air Liquid Details
- 2.2.2 Air Liquid Major Business
- 2.2.3 Air Liquid Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services
- 2.2.4 Air Liquid Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.2.5 Air Liquid Recent Developments/Updates
- 2.3 Air Products and Chemicals
 - 2.3.1 Air Products and Chemicals Details
 - 2.3.2 Air Products and Chemicals Major Business
 - 2.3.3 Air Products and Chemicals Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services
 - 2.3.4 Air Products and Chemicals Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.3.5 Air Products and Chemicals Recent Developments/Updates
- 2.4 Taiyo Nippon Sanso
 - 2.4.1 Taiyo Nippon Sanso Details
 - 2.4.2 Taiyo Nippon Sanso Major Business
 - 2.4.3 Taiyo Nippon Sanso Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services
 - 2.4.4 Taiyo Nippon Sanso Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 Taiyo Nippon Sanso Recent Developments/Updates
- 2.5 Messer Group
 - 2.5.1 Messer Group Details
 - 2.5.2 Messer Group Major Business
 - 2.5.3 Messer Group Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services
 - 2.5.4 Messer Group Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Messer Group Recent Developments/Updates
- 2.6 India Glycols
 - 2.6.1 India Glycols Details
 - 2.6.2 India Glycols Major Business
 - 2.6.3 India Glycols Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services
 - 2.6.4 India Glycols Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.6.5 India Glycols Recent Developments/Updates
- 2.7 SOL Group
 - 2.7.1 SOL Group Details
 - 2.7.2 SOL Group Major Business
 - 2.7.3 SOL Group Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services
 - 2.7.4 SOL Group Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.7.5 SOL Group Recent Developments/Updates
- 2.8 Air Water
 - 2.8.1 Air Water Details
 - 2.8.2 Air Water Major Business
 - 2.8.3 Air Water Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services
 - 2.8.4 Air Water Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.8.5 Air Water Recent Developments/Updates
- 2.9 Hunan Kaimeite Gases
 - 2.9.1 Hunan Kaimeite Gases Details
 - 2.9.2 Hunan Kaimeite Gases Major Business
 - 2.9.3 Hunan Kaimeite Gases Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services
 - 2.9.4 Hunan Kaimeite Gases Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Hunan Kaimeite Gases Recent Developments/Updates
- 2.10 Gulf Cryo
 - 2.10.1 Gulf Cryo Details
 - 2.10.2 Gulf Cryo Major Business
 - 2.10.3 Gulf Cryo Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services
 - 2.10.4 Gulf Cryo Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 Gulf Cryo Recent Developments/Updates
- 2.11 Rasgas
 - 2.11.1 Rasgas Details
 - 2.11.2 Rasgas Major Business
 - 2.11.3 Rasgas Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services
 - 2.11.4 Rasgas Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.11.5 Rasgas Recent Developments/Updates

2.12 Exxon

2.12.1 Exxon Details

2.12.2 Exxon Major Business

2.12.3 Exxon Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

2.12.4 Exxon Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 Exxon Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: INDUSTRIAL GAS (HELIUM AND CO2 AND REFRIGERANT GAS) BY MANUFACTURER

3.1 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Manufacturer (2020-2025)

3.2 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Revenue by Manufacturer (2020-2025)

3.3 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Industrial Gas (Helium and CO2 and Refrigerant Gas) by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Industrial Gas (Helium and CO2 and Refrigerant Gas) Manufacturer Market Share in 2024

3.4.3 Top 6 Industrial Gas (Helium and CO2 and Refrigerant Gas) Manufacturer Market Share in 2024

3.5 Industrial Gas (Helium and CO2 and Refrigerant Gas) Market: Overall Company Footprint Analysis

3.5.1 Industrial Gas (Helium and CO2 and Refrigerant Gas) Market: Region Footprint

3.5.2 Industrial Gas (Helium and CO2 and Refrigerant Gas) Market: Company Product Type Footprint

3.5.3 Industrial Gas (Helium and CO2 and Refrigerant Gas) Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Market Size by Region

4.1.1 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Region (2020-2031)

4.1.2 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Region (2020-2031)

4.1.3 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price by Region (2020-2031)

4.2 North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031)

4.3 Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031)

4.4 Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031)

4.5 South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031)

4.6 Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Type (2020-2031)

5.2 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Type (2020-2031)

5.3 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Application (2020-2031)

6.2 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Application (2020-2031)

6.3 Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity

by Type (2020-2031)

7.2 North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Application (2020-2031)

7.3 North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Market Size by Country

7.3.1 North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Country (2020-2031)

7.3.2 North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Type (2020-2031)

8.2 Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Application (2020-2031)

8.3 Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Market Size by Country

8.3.1 Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Country (2020-2031)

8.3.2 Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Market Size by Region

9.3.1 Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales
Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption
Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales
Quantity by Type (2020-2031)

10.2 South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales
Quantity by Application (2020-2031)

10.3 South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Market Size
by Country

10.3.1 South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales
Quantity by Country (2020-2031)

10.3.2 South America Industrial Gas (Helium and CO2 and Refrigerant Gas)
Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales
Quantity by Type (2020-2031)

11.2 Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales
Quantity by Application (2020-2031)

11.3 Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Market
Size by Country

11.3.1 Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas)
Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas)
Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

- 11.3.4 Egypt Market Size and Forecast (2020-2031)
- 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
- 11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

- 12.1 Industrial Gas (Helium and CO2 and Refrigerant Gas) Market Drivers
- 12.2 Industrial Gas (Helium and CO2 and Refrigerant Gas) Market Restraints
- 12.3 Industrial Gas (Helium and CO2 and Refrigerant Gas) Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Industrial Gas (Helium and CO2 and Refrigerant Gas) and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Industrial Gas (Helium and CO2 and Refrigerant Gas)
- 13.3 Industrial Gas (Helium and CO2 and Refrigerant Gas) Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Industrial Gas (Helium and CO2 and Refrigerant Gas) Typical Distributors
- 14.3 Industrial Gas (Helium and CO2 and Refrigerant Gas) Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Linde Basic Information, Manufacturing Base and Competitors

Table 4. Linde Major Business

Table 5. Linde Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 6. Linde Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Linde Recent Developments/Updates

Table 8. Air Liquid Basic Information, Manufacturing Base and Competitors

Table 9. Air Liquid Major Business

Table 10. Air Liquid Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 11. Air Liquid Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Air Liquid Recent Developments/Updates

Table 13. Air Products and Chemicals Basic Information, Manufacturing Base and Competitors

Table 14. Air Products and Chemicals Major Business

Table 15. Air Products and Chemicals Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 16. Air Products and Chemicals Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Air Products and Chemicals Recent Developments/Updates

Table 18. Taiyo Nippon Sanso Basic Information, Manufacturing Base and Competitors

Table 19. Taiyo Nippon Sanso Major Business

Table 20. Taiyo Nippon Sanso Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 21. Taiyo Nippon Sanso Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross

Margin and Market Share (2020-2025)

Table 22. Taiyo Nippon Sanso Recent Developments/Updates

Table 23. Messer Group Basic Information, Manufacturing Base and Competitors

Table 24. Messer Group Major Business

Table 25. Messer Group Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 26. Messer Group Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Messer Group Recent Developments/Updates

Table 28. India Glycols Basic Information, Manufacturing Base and Competitors

Table 29. India Glycols Major Business

Table 30. India Glycols Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 31. India Glycols Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. India Glycols Recent Developments/Updates

Table 33. SOL Group Basic Information, Manufacturing Base and Competitors

Table 34. SOL Group Major Business

Table 35. SOL Group Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 36. SOL Group Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. SOL Group Recent Developments/Updates

Table 38. Air Water Basic Information, Manufacturing Base and Competitors

Table 39. Air Water Major Business

Table 40. Air Water Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 41. Air Water Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Air Water Recent Developments/Updates

Table 43. Hunan Kaimeite Gases Basic Information, Manufacturing Base and Competitors

Table 44. Hunan Kaimeite Gases Major Business

Table 45. Hunan Kaimeite Gases Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 46. Hunan Kaimeite Gases Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Hunan Kaimeite Gases Recent Developments/Updates

Table 48. Gulf Cryo Basic Information, Manufacturing Base and Competitors

Table 49. Gulf Cryo Major Business

Table 50. Gulf Cryo Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 51. Gulf Cryo Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Gulf Cryo Recent Developments/Updates

Table 53. Rasgas Basic Information, Manufacturing Base and Competitors

Table 54. Rasgas Major Business

Table 55. Rasgas Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 56. Rasgas Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Rasgas Recent Developments/Updates

Table 58. Exxon Basic Information, Manufacturing Base and Competitors

Table 59. Exxon Major Business

Table 60. Exxon Industrial Gas (Helium and CO2 and Refrigerant Gas) Product and Services

Table 61. Exxon Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Exxon Recent Developments/Updates

Table 63. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Manufacturer (2020-2025) & (Kilotons)

Table 64. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Revenue by Manufacturer (2020-2025) & (USD Million)

Table 65. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price by Manufacturer (2020-2025) & (US\$/Ton)

Table 66. Market Position of Manufacturers in Industrial Gas (Helium and CO2 and Refrigerant Gas), (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 67. Head Office and Industrial Gas (Helium and CO2 and Refrigerant Gas) Production Site of Key Manufacturer

Table 68. Industrial Gas (Helium and CO2 and Refrigerant Gas) Market: Company

Product Type Footprint

Table 69. Industrial Gas (Helium and CO2 and Refrigerant Gas) Market: Company

Product Application Footprint

Table 70. Industrial Gas (Helium and CO2 and Refrigerant Gas) New Market Entrants and Barriers to Market Entry

Table 71. Industrial Gas (Helium and CO2 and Refrigerant Gas) Mergers, Acquisition, Agreements, and Collaborations

Table 72. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 73. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Region (2020-2025) & (Kilotons)

Table 74. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Region (2026-2031) & (Kilotons)

Table 75. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Region (2020-2025) & (USD Million)

Table 76. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Region (2026-2031) & (USD Million)

Table 77. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price by Region (2020-2025) & (US\$/Ton)

Table 78. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price by Region (2026-2031) & (US\$/Ton)

Table 79. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Type (2020-2025) & (Kilotons)

Table 80. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Type (2026-2031) & (Kilotons)

Table 81. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Type (2020-2025) & (USD Million)

Table 82. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Type (2026-2031) & (USD Million)

Table 83. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price by Type (2020-2025) & (US\$/Ton)

Table 84. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price by Type (2026-2031) & (US\$/Ton)

Table 85. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Application (2020-2025) & (Kilotons)

Table 86. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Application (2026-2031) & (Kilotons)

Table 87. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Application (2020-2025) & (USD Million)

Table 88. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Application (2026-2031) & (USD Million)

Table 89. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price by Application (2020-2025) & (US\$/Ton)

Table 90. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Average Price by Application (2026-2031) & (US\$/Ton)

Table 91. North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Type (2020-2025) & (Kilotons)

Table 92. North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Type (2026-2031) & (Kilotons)

Table 93. North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Application (2020-2025) & (Kilotons)

Table 94. North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Application (2026-2031) & (Kilotons)

Table 95. North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Country (2020-2025) & (Kilotons)

Table 96. North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Country (2026-2031) & (Kilotons)

Table 97. North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Country (2020-2025) & (USD Million)

Table 98. North America Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Country (2026-2031) & (USD Million)

Table 99. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Type (2020-2025) & (Kilotons)

Table 100. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Type (2026-2031) & (Kilotons)

Table 101. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Application (2020-2025) & (Kilotons)

Table 102. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Application (2026-2031) & (Kilotons)

Table 103. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Country (2020-2025) & (Kilotons)

Table 104. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Country (2026-2031) & (Kilotons)

Table 105. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Country (2020-2025) & (USD Million)

Table 106. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Country (2026-2031) & (USD Million)

Table 107. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Type (2020-2025) & (Kilotons)

Table 108. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Type (2026-2031) & (Kilotons)

Table 109. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Application (2020-2025) & (Kilotons)

Table 110. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Application (2026-2031) & (Kilotons)

Table 111. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Region (2020-2025) & (Kilotons)

Table 112. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Region (2026-2031) & (Kilotons)

Table 113. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas)

Consumption Value by Region (2020-2025) & (USD Million)

Table 114. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas)

Consumption Value by Region (2026-2031) & (USD Million)

Table 115. South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Type (2020-2025) & (Kilotons)

Table 116. South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Type (2026-2031) & (Kilotons)

Table 117. South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Application (2020-2025) & (Kilotons)

Table 118. South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Application (2026-2031) & (Kilotons)

Table 119. South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Country (2020-2025) & (Kilotons)

Table 120. South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity by Country (2026-2031) & (Kilotons)

Table 121. South America Industrial Gas (Helium and CO2 and Refrigerant Gas)

Consumption Value by Country (2020-2025) & (USD Million)

Table 122. South America Industrial Gas (Helium and CO2 and Refrigerant Gas)

Consumption Value by Country (2026-2031) & (USD Million)

Table 123. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas)

Sales Quantity by Type (2020-2025) & (Kilotons)

Table 124. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas)

Sales Quantity by Type (2026-2031) & (Kilotons)

Table 125. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas)

Sales Quantity by Application (2020-2025) & (Kilotons)

Table 126. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas)

Sales Quantity by Application (2026-2031) & (Kilotons)

Table 127. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Country (2020-2025) & (Kilotons)

Table 128. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity by Country (2026-2031) & (Kilotons)

Table 129. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Country (2020-2025) & (USD Million)

Table 130. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Country (2026-2031) & (USD Million)

Table 131. Industrial Gas (Helium and CO2 and Refrigerant Gas) Raw Material

Table 132. Key Manufacturers of Industrial Gas (Helium and CO2 and Refrigerant Gas) Raw Materials

Table 133. Industrial Gas (Helium and CO2 and Refrigerant Gas) Typical Distributors

Table 134. Industrial Gas (Helium and CO2 and Refrigerant Gas) Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Industrial Gas (Helium and CO2 and Refrigerant Gas) Picture
- Figure 2. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Revenue Market Share by Type in 2024
- Figure 4. Helium Examples
- Figure 5. CO2 Examples
- Figure 6. Refrigerant Gas Examples
- Figure 7. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 8. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Revenue Market Share by Application in 2024
- Figure 9. Chemicals and Petroleum Industry Examples
- Figure 10. Metals Industry Examples
- Figure 11. Food and Beverages Examples
- Figure 12. Other Examples
- Figure 13. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 14. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 15. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity (2020-2031) & (Kilotons)
- Figure 16. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Price (2020-2031) & (US\$/Ton)
- Figure 17. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Manufacturer in 2024
- Figure 18. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Revenue Market Share by Manufacturer in 2024
- Figure 19. Producer Shipments of Industrial Gas (Helium and CO2 and Refrigerant Gas) by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 20. Top 3 Industrial Gas (Helium and CO2 and Refrigerant Gas) Manufacturer (Revenue) Market Share in 2024
- Figure 21. Top 6 Industrial Gas (Helium and CO2 and Refrigerant Gas) Manufacturer (Revenue) Market Share in 2024
- Figure 22. Global Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity

Market Share by Region (2020-2031)

Figure 23. Global Industrial Gas (Helium and CO₂ and Refrigerant Gas) Consumption Value Market Share by Region (2020-2031)

Figure 24. North America Industrial Gas (Helium and CO₂ and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 25. Europe Industrial Gas (Helium and CO₂ and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 26. Asia-Pacific Industrial Gas (Helium and CO₂ and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 27. South America Industrial Gas (Helium and CO₂ and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 28. Middle East & Africa Industrial Gas (Helium and CO₂ and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 29. Global Industrial Gas (Helium and CO₂ and Refrigerant Gas) Sales Quantity Market Share by Type (2020-2031)

Figure 30. Global Industrial Gas (Helium and CO₂ and Refrigerant Gas) Consumption Value Market Share by Type (2020-2031)

Figure 31. Global Industrial Gas (Helium and CO₂ and Refrigerant Gas) Average Price by Type (2020-2031) & (US\$/Ton)

Figure 32. Global Industrial Gas (Helium and CO₂ and Refrigerant Gas) Sales Quantity Market Share by Application (2020-2031)

Figure 33. Global Industrial Gas (Helium and CO₂ and Refrigerant Gas) Revenue Market Share by Application (2020-2031)

Figure 34. Global Industrial Gas (Helium and CO₂ and Refrigerant Gas) Average Price by Application (2020-2031) & (US\$/Ton)

Figure 35. North America Industrial Gas (Helium and CO₂ and Refrigerant Gas) Sales Quantity Market Share by Type (2020-2031)

Figure 36. North America Industrial Gas (Helium and CO₂ and Refrigerant Gas) Sales Quantity Market Share by Application (2020-2031)

Figure 37. North America Industrial Gas (Helium and CO₂ and Refrigerant Gas) Sales Quantity Market Share by Country (2020-2031)

Figure 38. North America Industrial Gas (Helium and CO₂ and Refrigerant Gas) Consumption Value Market Share by Country (2020-2031)

Figure 39. United States Industrial Gas (Helium and CO₂ and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 40. Canada Industrial Gas (Helium and CO₂ and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 41. Mexico Industrial Gas (Helium and CO₂ and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 42. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Type (2020-2031)

Figure 43. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Application (2020-2031)

Figure 44. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Country (2020-2031)

Figure 45. Europe Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value Market Share by Country (2020-2031)

Figure 46. Germany Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 47. France Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 48. United Kingdom Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 49. Russia Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 50. Italy Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 51. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Type (2020-2031)

Figure 52. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Application (2020-2031)

Figure 53. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Region (2020-2031)

Figure 54. Asia-Pacific Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value Market Share by Region (2020-2031)

Figure 55. China Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 56. Japan Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 57. South Korea Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 58. India Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 59. Southeast Asia Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 60. Australia Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 61. South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales

Quantity Market Share by Type (2020-2031)

Figure 62. South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Application (2020-2031)

Figure 63. South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Country (2020-2031)

Figure 64. South America Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value Market Share by Country (2020-2031)

Figure 65. Brazil Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 66. Argentina Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 67. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Type (2020-2031)

Figure 68. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Application (2020-2031)

Figure 69. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Sales Quantity Market Share by Country (2020-2031)

Figure 70. Middle East & Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value Market Share by Country (2020-2031)

Figure 71. Turkey Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 72. Egypt Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 73. Saudi Arabia Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 74. South Africa Industrial Gas (Helium and CO2 and Refrigerant Gas) Consumption Value (2020-2031) & (USD Million)

Figure 75. Industrial Gas (Helium and CO2 and Refrigerant Gas) Market Drivers

Figure 76. Industrial Gas (Helium and CO2 and Refrigerant Gas) Market Restraints

Figure 77. Industrial Gas (Helium and CO2 and Refrigerant Gas) Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Industrial Gas (Helium and CO2 and Refrigerant Gas) in 2024

Figure 80. Manufacturing Process Analysis of Industrial Gas (Helium and CO2 and Refrigerant Gas)

Figure 81. Industrial Gas (Helium and CO2 and Refrigerant Gas) Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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