

# Global Helium (Liquid Helium and Gaseous Helium) Market Growth 2024-2030

<https://marketpublishers.com/r/G1BF63A4C239EN.html>

Date: January 2024

Pages: 113

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

ID: G1BF63A4C239EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our LPI (LP Information) latest study, the global Helium (Liquid Helium and Gaseous Helium) market size was valued at US\$ 1869.7 million in 2023. With growing demand in downstream market, the Helium (Liquid Helium and Gaseous Helium) is forecast to a readjusted size of US\$ 2721.4 million by 2030 with a CAGR of 5.5% during review period.

The research report highlights the growth potential of the global Helium (Liquid Helium and Gaseous Helium) market. Helium (Liquid Helium and Gaseous Helium) are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Helium (Liquid Helium and Gaseous Helium). Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Helium (Liquid Helium and Gaseous Helium) market.

Helium is a chemical element with symbol He and atomic number 2. It is a rare atmospheric gas which is colorless, odorless, tasteless, nontoxic, nonflammable and only slightly soluble in water. The concentration of Helium in the atmosphere by volume percent is  $5.24 \times 10^{-4}$ . Its boiling points and melting points are the lowest among all the elements and it exists only as a gas except in extremely cold conditions.

Helium is principally shipped and used in either gaseous or liquid form for nuclear reactors, semiconductors, lasers, light bulbs, superconductivity, instrumentation, medical applications, cryogenics, MRI and R & D laboratory research.

The main global Helium (Liquid Helium and Gaseous Helium) players include Rasgas, Linde, Air Product, etc. The top three Helium (Liquid Helium and Gaseous Helium) players account for approximately 51% of the total global market. USA is the largest consumer market for Helium (Liquid Helium and Gaseous Helium), accounting for about 50%, followed by Qatar. In terms of type, Gaseous Helium is the largest segment, with a share about 70%. And in terms of application, the largest application is Low Temperature Cold Source, followed by Aerospace.

#### Key Features:

The report on Helium (Liquid Helium and Gaseous Helium) market reflects various aspects and provide valuable insights into the industry.

**Market Size and Growth:** The research report provide an overview of the current size and growth of the Helium (Liquid Helium and Gaseous Helium) market. It may include historical data, market segmentation by Type (e.g., Liquid Helium, Gaseous Helium), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the Helium (Liquid Helium and Gaseous Helium) market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

**Competitive Landscape:** The research report provides analysis of the competitive landscape within the Helium (Liquid Helium and Gaseous Helium) market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

**Technological Developments:** The research report can delve into the latest technological developments in the Helium (Liquid Helium and Gaseous Helium) industry. This include advancements in Helium (Liquid Helium and Gaseous Helium) technology, Helium (Liquid Helium and Gaseous Helium) new entrants, Helium (Liquid Helium and Gaseous Helium) new investment, and other innovations that are shaping the future of Helium (Liquid Helium and Gaseous Helium).

**Downstream Procumbent Preference:** The report can shed light on customer procumbent behaviour and adoption trends in the Helium (Liquid Helium and Gaseous

Helium) market. It includes factors influencing customer ' purchasing decisions, preferences for Helium (Liquid Helium and Gaseous Helium) product.

**Government Policies and Incentives:** The research report analyse the impact of government policies and incentives on the Helium (Liquid Helium and Gaseous Helium) market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Helium (Liquid Helium and Gaseous Helium) market. The report also evaluates the effectiveness of these policies in driving market growth.

**Environmental Impact and Sustainability:** The research report assess the environmental impact and sustainability aspects of the Helium (Liquid Helium and Gaseous Helium) market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the Helium (Liquid Helium and Gaseous Helium) industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

**Recommendations and Opportunities:** The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Helium (Liquid Helium and Gaseous Helium) market.

**Market Segmentation:**

Helium (Liquid Helium and Gaseous Helium) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

Liquid Helium

Gaseous Helium

## Segmentation by application

Cryogenics

Aerostatics

Semiconductor & Fiber Optics

Leak Detection & Gas Chromatography

Welding

Others

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 analyzing the company's coverage, product portfolio, its market penetration.

Rasgas (Qa)

Exxon (Us)

Linde (Us, Au)

Air Product (Us)

Praxair (Us)

Air Liquide (Dz)

Gazprom (Ru)

PGNiG (Pl)

Qatargas (Qa)

Taiyo Nippon Sanso

Messer

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Helium (Liquid Helium and Gaseous Helium) market?

What factors are driving Helium (Liquid Helium and Gaseous Helium) market growth, globally and by region?

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

How do Helium (Liquid Helium and Gaseous Helium) market opportunities vary by end market size?

How does Helium (Liquid Helium and Gaseous Helium) break out type, 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 Helium (Liquid Helium and Gaseous Helium) Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Helium (Liquid Helium and Gaseous Helium) by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Helium (Liquid Helium and Gaseous Helium) by Country/Region, 2019, 2023 & 2030

#### 2.2 Helium (Liquid Helium and Gaseous Helium) Segment by Type

- 2.2.1 Liquid Helium
- 2.2.2 Gaseous Helium

#### 2.3 Helium (Liquid Helium and Gaseous Helium) Sales by Type

- 2.3.1 Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Type (2019-2024)
- 2.3.2 Global Helium (Liquid Helium and Gaseous Helium) Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global Helium (Liquid Helium and Gaseous Helium) Sale Price by Type (2019-2024)

#### 2.4 Helium (Liquid Helium and Gaseous Helium) Segment by Application

- 2.4.1 Cryogenics
- 2.4.2 Aerostatics
- 2.4.3 Semiconductor & Fiber Optics
- 2.4.4 Leak Detection & Gas Chromatography
- 2.4.5 Welding
- 2.4.6 Others

#### 2.5 Helium (Liquid Helium and Gaseous Helium) Sales by Application

2.5.1 Global Helium (Liquid Helium and Gaseous Helium) Sale Market Share by Application (2019-2024)

2.5.2 Global Helium (Liquid Helium and Gaseous Helium) Revenue and Market Share by Application (2019-2024)

2.5.3 Global Helium (Liquid Helium and Gaseous Helium) Sale Price by Application (2019-2024)

### **3 GLOBAL HELIUM (LIQUID HELIUM AND GASEOUS HELIUM) BY COMPANY**

3.1 Global Helium (Liquid Helium and Gaseous Helium) Breakdown Data by Company

3.1.1 Global Helium (Liquid Helium and Gaseous Helium) Annual Sales by Company (2019-2024)

3.1.2 Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Company (2019-2024)

3.2 Global Helium (Liquid Helium and Gaseous Helium) Annual Revenue by Company (2019-2024)

3.2.1 Global Helium (Liquid Helium and Gaseous Helium) Revenue by Company (2019-2024)

3.2.2 Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Company (2019-2024)

3.3 Global Helium (Liquid Helium and Gaseous Helium) Sale Price by Company

3.4 Key Manufacturers Helium (Liquid Helium and Gaseous Helium) Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Helium (Liquid Helium and Gaseous Helium) Product Location Distribution

3.4.2 Players Helium (Liquid Helium and Gaseous Helium) Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR HELIUM (LIQUID HELIUM AND GASEOUS HELIUM) BY GEOGRAPHIC REGION**

4.1 World Historic Helium (Liquid Helium and Gaseous Helium) Market Size by Geographic Region (2019-2024)

4.1.1 Global Helium (Liquid Helium and Gaseous Helium) Annual Sales by Geographic Region (2019-2024)



- 4.1.2 Global Helium (Liquid Helium and Gaseous Helium) Annual Revenue by Geographic Region (2019-2024)
- 4.2 World Historic Helium (Liquid Helium and Gaseous Helium) Market Size by Country/Region (2019-2024)
  - 4.2.1 Global Helium (Liquid Helium and Gaseous Helium) Annual Sales by Country/Region (2019-2024)
  - 4.2.2 Global Helium (Liquid Helium and Gaseous Helium) Annual Revenue by Country/Region (2019-2024)
- 4.3 Americas Helium (Liquid Helium and Gaseous Helium) Sales Growth
- 4.4 APAC Helium (Liquid Helium and Gaseous Helium) Sales Growth
- 4.5 Europe Helium (Liquid Helium and Gaseous Helium) Sales Growth
- 4.6 Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales Growth

## **5 AMERICAS**

- 5.1 Americas Helium (Liquid Helium and Gaseous Helium) Sales by Country
  - 5.1.1 Americas Helium (Liquid Helium and Gaseous Helium) Sales by Country (2019-2024)
  - 5.1.2 Americas Helium (Liquid Helium and Gaseous Helium) Revenue by Country (2019-2024)
- 5.2 Americas Helium (Liquid Helium and Gaseous Helium) Sales by Type
- 5.3 Americas Helium (Liquid Helium and Gaseous Helium) Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Helium (Liquid Helium and Gaseous Helium) Sales by Region
  - 6.1.1 APAC Helium (Liquid Helium and Gaseous Helium) Sales by Region (2019-2024)
  - 6.1.2 APAC Helium (Liquid Helium and Gaseous Helium) Revenue by Region (2019-2024)
- 6.2 APAC Helium (Liquid Helium and Gaseous Helium) Sales by Type
- 6.3 APAC Helium (Liquid Helium and Gaseous Helium) Sales by Application
- 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 Helium (Liquid Helium and Gaseous Helium) by Country
  - 7.1.1 Europe Helium (Liquid Helium and Gaseous Helium) Sales by Country (2019-2024)
  - 7.1.2 Europe Helium (Liquid Helium and Gaseous Helium) Revenue by Country (2019-2024)
- 7.2 Europe Helium (Liquid Helium and Gaseous Helium) Sales by Type
- 7.3 Europe Helium (Liquid Helium and Gaseous Helium) Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Helium (Liquid Helium and Gaseous Helium) by Country
  - 8.1.1 Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales by Country (2019-2024)
  - 8.1.2 Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales by Type
- 8.3 Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales by Application
- 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 Helium (Liquid Helium and Gaseous Helium)

10.3 Manufacturing Process Analysis of Helium (Liquid Helium and Gaseous Helium)

10.4 Industry Chain Structure of Helium (Liquid Helium and Gaseous Helium)

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Helium (Liquid Helium and Gaseous Helium) Distributors

11.3 Helium (Liquid Helium and Gaseous Helium) Customer

## **12 WORLD FORECAST REVIEW FOR HELIUM (LIQUID HELIUM AND GASEOUS HELIUM) BY GEOGRAPHIC REGION**

12.1 Global Helium (Liquid Helium and Gaseous Helium) Market Size Forecast by Region

12.1.1 Global Helium (Liquid Helium and Gaseous Helium) Forecast by Region (2025-2030)

12.1.2 Global Helium (Liquid Helium and Gaseous Helium) Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Helium (Liquid Helium and Gaseous Helium) Forecast by Type

12.7 Global Helium (Liquid Helium and Gaseous Helium) Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

13.1 Rasgas (Qa)

13.1.1 Rasgas (Qa) Company Information

13.1.2 Rasgas (Qa) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

13.1.3 Rasgas (Qa) Helium (Liquid Helium and Gaseous Helium) Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Rasgas (Qa) Main Business Overview

13.1.5 Rasgas (Qa) Latest Developments

13.2 Exxon (Us)

13.2.1 Exxon (Us) Company Information

13.2.2 Exxon (Us) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

13.2.3 Exxon (Us) Helium (Liquid Helium and Gaseous Helium) Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 Exxon (Us) Main Business Overview

13.2.5 Exxon (Us) Latest Developments

13.3 Linde (Us, Au)

13.3.1 Linde (Us, Au) Company Information

13.3.2 Linde (Us, Au) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

13.3.3 Linde (Us, Au) Helium (Liquid Helium and Gaseous Helium) Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Linde (Us, Au) Main Business Overview

13.3.5 Linde (Us, Au) Latest Developments

13.4 Air Product (Us)

13.4.1 Air Product (Us) Company Information

13.4.2 Air Product (Us) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

13.4.3 Air Product (Us) Helium (Liquid Helium and Gaseous Helium) Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Air Product (Us) Main Business Overview

13.4.5 Air Product (Us) Latest Developments

13.5 Praxair (Us)

13.5.1 Praxair (Us) Company Information

13.5.2 Praxair (Us) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

13.5.3 Praxair (Us) Helium (Liquid Helium and Gaseous Helium) Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 Praxair (Us) Main Business Overview

13.5.5 Praxair (Us) Latest Developments

13.6 Air Liquide (Dz)

- 13.6.1 Air Liquide (Dz) Company Information
- 13.6.2 Air Liquide (Dz) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications
- 13.6.3 Air Liquide (Dz) Helium (Liquid Helium and Gaseous Helium) Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.6.4 Air Liquide (Dz) Main Business Overview
- 13.6.5 Air Liquide (Dz) Latest Developments
- 13.7 Gazprom (Ru)
- 13.7.1 Gazprom (Ru) Company Information
- 13.7.2 Gazprom (Ru) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications
- 13.7.3 Gazprom (Ru) Helium (Liquid Helium and Gaseous Helium) Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.7.4 Gazprom (Ru) Main Business Overview
- 13.7.5 Gazprom (Ru) Latest Developments
- 13.8 PGNiG (PI)
- 13.8.1 PGNiG (PI) Company Information
- 13.8.2 PGNiG (PI) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications
- 13.8.3 PGNiG (PI) Helium (Liquid Helium and Gaseous Helium) Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.8.4 PGNiG (PI) Main Business Overview
- 13.8.5 PGNiG (PI) Latest Developments
- 13.9 Qatargas (Qa)
- 13.9.1 Qatargas (Qa) Company Information
- 13.9.2 Qatargas (Qa) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications
- 13.9.3 Qatargas (Qa) Helium (Liquid Helium and Gaseous Helium) Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.9.4 Qatargas (Qa) Main Business Overview
- 13.9.5 Qatargas (Qa) Latest Developments
- 13.10 Taiyo Nippon Sanso
- 13.10.1 Taiyo Nippon Sanso Company Information
- 13.10.2 Taiyo Nippon Sanso Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications
- 13.10.3 Taiyo Nippon Sanso Helium (Liquid Helium and Gaseous Helium) Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.10.4 Taiyo Nippon Sanso Main Business Overview
- 13.10.5 Taiyo Nippon Sanso Latest Developments

## 13.11 Messer

13.11.1 Messer Company Information

13.11.2 Messer Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

13.11.3 Messer Helium (Liquid Helium and Gaseous Helium) Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Messer Main Business Overview

13.11.5 Messer Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

- Table 1. Helium (Liquid Helium and Gaseous Helium) Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. Helium (Liquid Helium and Gaseous Helium) Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of Liquid Helium
- Table 4. Major Players of Gaseous Helium
- Table 5. Global Helium (Liquid Helium and Gaseous Helium) Sales by Type (2019-2024) & (M m?)
- Table 6. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Type (2019-2024)
- Table 7. Global Helium (Liquid Helium and Gaseous Helium) Revenue by Type (2019-2024) & (\$ million)
- Table 8. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Type (2019-2024)
- Table 9. Global Helium (Liquid Helium and Gaseous Helium) Sale Price by Type (2019-2024) & (US\$/m?)
- Table 10. Global Helium (Liquid Helium and Gaseous Helium) Sales by Application (2019-2024) & (M m?)
- Table 11. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Application (2019-2024)
- Table 12. Global Helium (Liquid Helium and Gaseous Helium) Revenue by Application (2019-2024)
- Table 13. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Application (2019-2024)
- Table 14. Global Helium (Liquid Helium and Gaseous Helium) Sale Price by Application (2019-2024) & (US\$/m?)
- Table 15. Global Helium (Liquid Helium and Gaseous Helium) Sales by Company (2019-2024) & (M m?)
- Table 16. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Company (2019-2024)
- Table 17. Global Helium (Liquid Helium and Gaseous Helium) Revenue by Company (2019-2024) (\$ Millions)
- Table 18. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Company (2019-2024)
- Table 19. Global Helium (Liquid Helium and Gaseous Helium) Sale Price by Company



(2019-2024) & (US\$/m?)

Table 20. Key Manufacturers Helium (Liquid Helium and Gaseous Helium) Producing Area Distribution and Sales Area

Table 21. Players Helium (Liquid Helium and Gaseous Helium) Products Offered

Table 22. Helium (Liquid Helium and Gaseous Helium) Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Helium (Liquid Helium and Gaseous Helium) Sales by Geographic Region (2019-2024) & (M m?)

Table 26. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share Geographic Region (2019-2024)

Table 27. Global Helium (Liquid Helium and Gaseous Helium) Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Helium (Liquid Helium and Gaseous Helium) Sales by Country/Region (2019-2024) & (M m?)

Table 30. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Country/Region (2019-2024)

Table 31. Global Helium (Liquid Helium and Gaseous Helium) Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Helium (Liquid Helium and Gaseous Helium) Sales by Country (2019-2024) & (M m?)

Table 34. Americas Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Country (2019-2024)

Table 35. Americas Helium (Liquid Helium and Gaseous Helium) Revenue by Country (2019-2024) & (\$ Millions)

Table 36. Americas Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Country (2019-2024)

Table 37. Americas Helium (Liquid Helium and Gaseous Helium) Sales by Type (2019-2024) & (M m?)

Table 38. Americas Helium (Liquid Helium and Gaseous Helium) Sales by Application (2019-2024) & (M m?)

Table 39. APAC Helium (Liquid Helium and Gaseous Helium) Sales by Region (2019-2024) & (M m?)

Table 40. APAC Helium (Liquid Helium and Gaseous Helium) Sales Market Share by



Region (2019-2024)

Table 41. APAC Helium (Liquid Helium and Gaseous Helium) Revenue by Region (2019-2024) & (\$ Millions)

Table 42. APAC Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Region (2019-2024)

Table 43. APAC Helium (Liquid Helium and Gaseous Helium) Sales by Type (2019-2024) & (M m?)

Table 44. APAC Helium (Liquid Helium and Gaseous Helium) Sales by Application (2019-2024) & (M m?)

Table 45. Europe Helium (Liquid Helium and Gaseous Helium) Sales by Country (2019-2024) & (M m?)

Table 46. Europe Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Country (2019-2024)

Table 47. Europe Helium (Liquid Helium and Gaseous Helium) Revenue by Country (2019-2024) & (\$ Millions)

Table 48. Europe Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Country (2019-2024)

Table 49. Europe Helium (Liquid Helium and Gaseous Helium) Sales by Type (2019-2024) & (M m?)

Table 50. Europe Helium (Liquid Helium and Gaseous Helium) Sales by Application (2019-2024) & (M m?)

Table 51. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales by Country (2019-2024) & (M m?)

Table 52. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Country (2019-2024)

Table 53. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Revenue by Country (2019-2024) & (\$ Millions)

Table 54. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Country (2019-2024)

Table 55. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales by Type (2019-2024) & (M m?)

Table 56. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales by Application (2019-2024) & (M m?)

Table 57. Key Market Drivers & Growth Opportunities of Helium (Liquid Helium and Gaseous Helium)

Table 58. Key Market Challenges & Risks of Helium (Liquid Helium and Gaseous Helium)

Table 59. Key Industry Trends of Helium (Liquid Helium and Gaseous Helium)

Table 60. Helium (Liquid Helium and Gaseous Helium) Raw Material

- Table 61. Key Suppliers of Raw Materials
- Table 62. Helium (Liquid Helium and Gaseous Helium) Distributors List
- Table 63. Helium (Liquid Helium and Gaseous Helium) Customer List
- Table 64. Global Helium (Liquid Helium and Gaseous Helium) Sales Forecast by Region (2025-2030) & (M m?)
- Table 65. Global Helium (Liquid Helium and Gaseous Helium) Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 66. Americas Helium (Liquid Helium and Gaseous Helium) Sales Forecast by Country (2025-2030) & (M m?)
- Table 67. Americas Helium (Liquid Helium and Gaseous Helium) Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 68. APAC Helium (Liquid Helium and Gaseous Helium) Sales Forecast by Region (2025-2030) & (M m?)
- Table 69. APAC Helium (Liquid Helium and Gaseous Helium) Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 70. Europe Helium (Liquid Helium and Gaseous Helium) Sales Forecast by Country (2025-2030) & (M m?)
- Table 71. Europe Helium (Liquid Helium and Gaseous Helium) Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 72. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales Forecast by Country (2025-2030) & (M m?)
- Table 73. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 74. Global Helium (Liquid Helium and Gaseous Helium) Sales Forecast by Type (2025-2030) & (M m?)
- Table 75. Global Helium (Liquid Helium and Gaseous Helium) Revenue Forecast by Type (2025-2030) & (\$ Millions)
- Table 76. Global Helium (Liquid Helium and Gaseous Helium) Sales Forecast by Application (2025-2030) & (M m?)
- Table 77. Global Helium (Liquid Helium and Gaseous Helium) Revenue Forecast by Application (2025-2030) & (\$ Millions)
- Table 78. Rasgas (Qa) Basic Information, Helium (Liquid Helium and Gaseous Helium) Manufacturing Base, Sales Area and Its Competitors
- Table 79. Rasgas (Qa) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications
- Table 80. Rasgas (Qa) Helium (Liquid Helium and Gaseous Helium) Sales (M m?), Revenue (\$ Million), Price (US\$/m?) and Gross Margin (2019-2024)
- Table 81. Rasgas (Qa) Main Business
- Table 82. Rasgas (Qa) Latest Developments

Table 83. Exxon (Us) Basic Information, Helium (Liquid Helium and Gaseous Helium) Manufacturing Base, Sales Area and Its Competitors

Table 84. Exxon (Us) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

Table 85. Exxon (Us) Helium (Liquid Helium and Gaseous Helium) Sales (M m?), Revenue (\$ Million), Price (US\$/m?) and Gross Margin (2019-2024)

Table 86. Exxon (Us) Main Business

Table 87. Exxon (Us) Latest Developments

Table 88. Linde (Us, Au) Basic Information, Helium (Liquid Helium and Gaseous Helium) Manufacturing Base, Sales Area and Its Competitors

Table 89. Linde (Us, Au) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

Table 90. Linde (Us, Au) Helium (Liquid Helium and Gaseous Helium) Sales (M m?), Revenue (\$ Million), Price (US\$/m?) and Gross Margin (2019-2024)

Table 91. Linde (Us, Au) Main Business

Table 92. Linde (Us, Au) Latest Developments

Table 93. Air Product (Us) Basic Information, Helium (Liquid Helium and Gaseous Helium) Manufacturing Base, Sales Area and Its Competitors

Table 94. Air Product (Us) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

Table 95. Air Product (Us) Helium (Liquid Helium and Gaseous Helium) Sales (M m?), Revenue (\$ Million), Price (US\$/m?) and Gross Margin (2019-2024)

Table 96. Air Product (Us) Main Business

Table 97. Air Product (Us) Latest Developments

Table 98. Praxair (Us) Basic Information, Helium (Liquid Helium and Gaseous Helium) Manufacturing Base, Sales Area and Its Competitors

Table 99. Praxair (Us) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

Table 100. Praxair (Us) Helium (Liquid Helium and Gaseous Helium) Sales (M m?), Revenue (\$ Million), Price (US\$/m?) and Gross Margin (2019-2024)

Table 101. Praxair (Us) Main Business

Table 102. Praxair (Us) Latest Developments

Table 103. Air Liquide (Dz) Basic Information, Helium (Liquid Helium and Gaseous Helium) Manufacturing Base, Sales Area and Its Competitors

Table 104. Air Liquide (Dz) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

Table 105. Air Liquide (Dz) Helium (Liquid Helium and Gaseous Helium) Sales (M m?), Revenue (\$ Million), Price (US\$/m?) and Gross Margin (2019-2024)

Table 106. Air Liquide (Dz) Main Business

Table 107. Air Liquide (Dz) Latest Developments

Table 108. Gazprom (Ru) Basic Information, Helium (Liquid Helium and Gaseous Helium) Manufacturing Base, Sales Area and Its Competitors

Table 109. Gazprom (Ru) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

Table 110. Gazprom (Ru) Helium (Liquid Helium and Gaseous Helium) Sales (M m?), Revenue (\$ Million), Price (US\$/m?) and Gross Margin (2019-2024)

Table 111. Gazprom (Ru) Main Business

Table 112. Gazprom (Ru) Latest Developments

Table 113. PGNiG (PI) Basic Information, Helium (Liquid Helium and Gaseous Helium) Manufacturing Base, Sales Area and Its Competitors

Table 114. PGNiG (PI) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

Table 115. PGNiG (PI) Helium (Liquid Helium and Gaseous Helium) Sales (M m?), Revenue (\$ Million), Price (US\$/m?) and Gross Margin (2019-2024)

Table 116. PGNiG (PI) Main Business

Table 117. PGNiG (PI) Latest Developments

Table 118. Qatargas (Qa) Basic Information, Helium (Liquid Helium and Gaseous Helium) Manufacturing Base, Sales Area and Its Competitors

Table 119. Qatargas (Qa) Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

Table 120. Qatargas (Qa) Helium (Liquid Helium and Gaseous Helium) Sales (M m?), Revenue (\$ Million), Price (US\$/m?) and Gross Margin (2019-2024)

Table 121. Qatargas (Qa) Main Business

Table 122. Qatargas (Qa) Latest Developments

Table 123. Taiyo Nippon Sanso Basic Information, Helium (Liquid Helium and Gaseous Helium) Manufacturing Base, Sales Area and Its Competitors

Table 124. Taiyo Nippon Sanso Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

Table 125. Taiyo Nippon Sanso Helium (Liquid Helium and Gaseous Helium) Sales (M m?), Revenue (\$ Million), Price (US\$/m?) and Gross Margin (2019-2024)

Table 126. Taiyo Nippon Sanso Main Business

Table 127. Taiyo Nippon Sanso Latest Developments

Table 128. Messer Basic Information, Helium (Liquid Helium and Gaseous Helium) Manufacturing Base, Sales Area and Its Competitors

Table 129. Messer Helium (Liquid Helium and Gaseous Helium) Product Portfolios and Specifications

Table 130. Messer Helium (Liquid Helium and Gaseous Helium) Sales (M m?), Revenue (\$ Million), Price (US\$/m?) and Gross Margin (2019-2024)

Table 131. Messer Main Business

Table 132. Messer Latest Developments

## List Of Figures

### LIST OF FIGURES

Figure 1. Picture of Helium (Liquid Helium and Gaseous Helium)

Figure 2. Helium (Liquid Helium and Gaseous Helium) Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Helium (Liquid Helium and Gaseous Helium) Sales Growth Rate 2019-2030 (M m?)

Figure 7. Global Helium (Liquid Helium and Gaseous Helium) Revenue Growth Rate 2019-2030 (\$ Millions)

Figure 8. Helium (Liquid Helium and Gaseous Helium) Sales by Region (2019, 2023 & 2030) & (\$ Millions)

Figure 9. Product Picture of Liquid Helium

Figure 10. Product Picture of Gaseous Helium

Figure 11. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Type in 2023

Figure 12. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Type (2019-2024)

Figure 13. Helium (Liquid Helium and Gaseous Helium) Consumed in Cryogenics

Figure 14. Global Helium (Liquid Helium and Gaseous Helium) Market: Cryogenics (2019-2024) & (M m?)

Figure 15. Helium (Liquid Helium and Gaseous Helium) Consumed in Aerostatics

Figure 16. Global Helium (Liquid Helium and Gaseous Helium) Market: Aerostatics (2019-2024) & (M m?)

Figure 17. Helium (Liquid Helium and Gaseous Helium) Consumed in Semiconductor & Fiber Optics

Figure 18. Global Helium (Liquid Helium and Gaseous Helium) Market: Semiconductor & Fiber Optics (2019-2024) & (M m?)

Figure 19. Helium (Liquid Helium and Gaseous Helium) Consumed in Leak Detection & Gas Chromatography

Figure 20. Global Helium (Liquid Helium and Gaseous Helium) Market: Leak Detection & Gas Chromatography (2019-2024) & (M m?)

Figure 21. Helium (Liquid Helium and Gaseous Helium) Consumed in Welding

Figure 22. Global Helium (Liquid Helium and Gaseous Helium) Market: Welding (2019-2024) & (M m?)

Figure 23. Helium (Liquid Helium and Gaseous Helium) Consumed in Others



Figure 24. Global Helium (Liquid Helium and Gaseous Helium) Market: Others (2019-2024) & (M m?)

Figure 25. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Application (2023)

Figure 26. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Application in 2023

Figure 27. Helium (Liquid Helium and Gaseous Helium) Sales Market by Company in 2023 (M m?)

Figure 28. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Company in 2023

Figure 29. Helium (Liquid Helium and Gaseous Helium) Revenue Market by Company in 2023 (\$ Million)

Figure 30. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Company in 2023

Figure 31. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Geographic Region (2019-2024)

Figure 32. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Geographic Region in 2023

Figure 33. Americas Helium (Liquid Helium and Gaseous Helium) Sales 2019-2024 (M m?)

Figure 34. Americas Helium (Liquid Helium and Gaseous Helium) Revenue 2019-2024 (\$ Millions)

Figure 35. APAC Helium (Liquid Helium and Gaseous Helium) Sales 2019-2024 (M m?)

Figure 36. APAC Helium (Liquid Helium and Gaseous Helium) Revenue 2019-2024 (\$ Millions)

Figure 37. Europe Helium (Liquid Helium and Gaseous Helium) Sales 2019-2024 (M m?)

Figure 38. Europe Helium (Liquid Helium and Gaseous Helium) Revenue 2019-2024 (\$ Millions)

Figure 39. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales 2019-2024 (M m?)

Figure 40. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Revenue 2019-2024 (\$ Millions)

Figure 41. Americas Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Country in 2023

Figure 42. Americas Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Country in 2023

Figure 43. Americas Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Type (2019-2024)

Figure 44. Americas Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Application (2019-2024)

Figure 45. United States Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 46. Canada Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 47. Mexico Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 48. Brazil Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 49. APAC Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Region in 2023

Figure 50. APAC Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Regions in 2023

Figure 51. APAC Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Type (2019-2024)

Figure 52. APAC Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Application (2019-2024)

Figure 53. China Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 54. Japan Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 55. South Korea Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 56. Southeast Asia Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 57. India Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 58. Australia Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 59. China Taiwan Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 60. Europe Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Country in 2023

Figure 61. Europe Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Country in 2023

Figure 62. Europe Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Type (2019-2024)

Figure 63. Europe Helium (Liquid Helium and Gaseous Helium) Sales Market Share by



Application (2019-2024)

Figure 64. Germany Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 65. France Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 66. UK Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 67. Italy Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 68. Russia Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 69. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Country in 2023

Figure 70. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Revenue Market Share by Country in 2023

Figure 71. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Type (2019-2024)

Figure 72. Middle East & Africa Helium (Liquid Helium and Gaseous Helium) Sales Market Share by Application (2019-2024)

Figure 73. Egypt Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 74. South Africa Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 75. Israel Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 76. Turkey Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 77. GCC Country Helium (Liquid Helium and Gaseous Helium) Revenue Growth 2019-2024 (\$ Millions)

Figure 78. Manufacturing Cost Structure Analysis of Helium (Liquid Helium and Gaseous Helium) in 2023

Figure 79. Manufacturing Process Analysis of Helium (Liquid Helium and Gaseous Helium)

Figure 80. Industry Chain Structure of Helium (Liquid Helium and Gaseous Helium)

Figure 81. Channels of Distribution

Figure 82. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Forecast by Region (2025-2030)

Figure 83. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share Forecast by Region (2025-2030)

Figure 84. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share Forecast by Type (2025-2030)

Figure 85. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share Forecast by Type (2025-2030)

Figure 86. Global Helium (Liquid Helium and Gaseous Helium) Sales Market Share Forecast by Application (2025-2030)

Figure 87. Global Helium (Liquid Helium and Gaseous Helium) Revenue Market Share Forecast by Application (2025-2030)

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