

Global Helium (Liquid Helium and Gaseous Helium) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G572D7B47883EN.html>

Date: January 2024

Pages: 113

Price: US\$ 3,480.00 (Single User License)

ID: G572D7B47883EN

Abstracts

According to our (Global Info Research) latest study, the global Helium (Liquid Helium and Gaseous Helium) market size was valued at USD 1966.6 million in 2023 and is forecast to a readjusted size of USD 2782.3 million by 2030 with a CAGR of 5.1% during review period.

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 5.24×10^{-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.

The Global Info Research report includes an overview of the development of the Helium (Liquid Helium and Gaseous Helium) industry chain, the market status of Cryogenics

(Liquid Helium, Gaseous Helium), Aerostatics (Liquid Helium, Gaseous Helium), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Helium (Liquid Helium and Gaseous Helium).

Regionally, the report analyzes the Helium (Liquid Helium and Gaseous Helium) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Helium (Liquid Helium and Gaseous Helium) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Helium (Liquid Helium and Gaseous Helium) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Helium (Liquid Helium and Gaseous Helium) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (M m?), revenue generated, and market share of different by Type (e.g., Liquid Helium, Gaseous Helium).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Helium (Liquid Helium and Gaseous Helium) market.

Regional Analysis: The report involves examining the Helium (Liquid Helium and Gaseous Helium) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Helium (Liquid Helium and Gaseous Helium) market. This may include estimating market growth rates, predicting market demand, and

identifying emerging trends.

The report also involves a more granular approach to Helium (Liquid Helium and Gaseous Helium):

Company Analysis: Report covers individual Helium (Liquid Helium and Gaseous Helium) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Helium (Liquid Helium and Gaseous Helium) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Cryogenics, Aerostatics).

Technology Analysis: Report covers specific technologies relevant to Helium (Liquid Helium and Gaseous Helium). It assesses the current state, advancements, and potential future developments in Helium (Liquid Helium and Gaseous Helium) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Helium (Liquid Helium and Gaseous Helium) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

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.

Market segment by Type

Liquid Helium

Gaseous Helium

Market segment by Application

Cryogenics

Aerostatics

Semiconductor & Fiber Optics

Leak Detection & Gas Chromatography

Welding

Others

Major players covered

Rasgas (Qa)

Exxon (Us)

Linde (Us, Au)

Air Product (Us)

Praxair (Us)

Air Liquide (Dz)

Gazprom (Ru)

PGNiG (PI)

Qatargas (Qa)

Taiyo Nippon Sanso

Messer

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 Helium (Liquid Helium and Gaseous Helium) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Helium (Liquid Helium and Gaseous Helium), with price, sales, revenue and global market share of Helium (Liquid Helium and Gaseous Helium) from 2019 to 2024.

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

Chapter 4, the Helium (Liquid Helium and Gaseous Helium) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017

to 2023.and Helium (Liquid Helium and Gaseous Helium) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Helium (Liquid Helium and Gaseous Helium).

Chapter 14 and 15, to describe Helium (Liquid Helium and Gaseous Helium) sales channel, distributors, customers, research findings and conclusion.

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