

Global Cryogenic Liquids Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Cryogenic Liquids market size was valued at USD 30230 million in 2023 and is forecast to a readjusted size of USD 36070 million by 2030 with a CAGR of 2.6% during review period.

A cryogenic liquid is defined as a liquid with a normal boiling point below -130°F (-90°C). The most commonly used industrial gases that are transported, handled, and stored in the liquid state at cryogenic temperatures are argon, helium, hydrogen, nitrogen, and oxygen.

The Cryogenic Liquids industry can be broken down into several segments, Liquid Nitrogen, Liquid Oxygen, etc.

Across the world, the major players cover Linde Group, Air Liquide, etc.

Global cryogenic liquids key players include Linde, Air Liquide, Air Products, Taiyo Nippon Sanso, Messer Group, etc. Global top 2 manufacturers hold a share over 48%.

Asia-PacificNorth America is the largest market, with a share about 30%, followed by Asia-Pacific and Europe, both have a share about 50% percent. In terms of product, liquid nitrogen is the largest segment, with a share about 50%. And in terms of application, the largest application is metals, followed by manufacturing.

The Global Info Research report includes an overview of the development of the Cryogenic Liquids industry chain, the market status of Manufacturing (Liquid Nitrogen, Liquid Oxygen), Chemical & Energy (Liquid Nitrogen, Liquid Oxygen), and key

enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Cryogenic Liquids.

Regionally, the report analyzes the Cryogenic Liquids 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 Cryogenic Liquids market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Cryogenic Liquids 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 Cryogenic Liquids 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 (K MT), revenue generated, and market share of different by Type (e.g., Liquid Nitrogen, Liquid Oxygen).

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 Cryogenic Liquids market.

Regional Analysis: The report involves examining the Cryogenic Liquids 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 Cryogenic Liquids market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Cryogenic Liquids:

Company Analysis: Report covers individual Cryogenic Liquids 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 Cryogenic Liquids. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Manufacturing, Chemical & Energy).

Technology Analysis: Report covers specific technologies relevant to Cryogenic Liquids. It assesses the current state, advancements, and potential future developments in Cryogenic Liquids areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Cryogenic Liquids 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

Cryogenic Liquids 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 Nitrogen

Liquid Oxygen

Liquid Hydrogen

Liquid Argon

Liquid Helium

Market segment by Application

Manufacturing

Chemical & Energy

Metals

Rubber & Plastic

Food & Beverages

Medical & Healthcare

Others

Major players covered

Linde

Air Liquide

Air Products

Taiyo Nippon Sanso

Messer Group

Air Water

Nippon Shokubai

Sasol

SABIC

Rasgas

ExxonMobil

Yingde Gases

Hangzhou Hangyang

Sichuan Qiaoyuan Gas

Baosteel Gases

Tangshan Tangsteel GGSES

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 Cryogenic Liquids product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Cryogenic Liquids, with price, sales, revenue and global market share of Cryogenic Liquids from 2019 to 2024.

Chapter 3, the Cryogenic Liquids competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Cryogenic Liquids 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 Cryogenic Liquids 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 Cryogenic Liquids.

Chapter 14 and 15, to describe Cryogenic Liquids sales channel, distributors, customers, research findings and conclusion.

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