

Global Liquid Nitrogen Market Size study, By Storage, Distribution, and Transportation (Cylinder & packaged distribution, Merchant liquid distribution, Tonnage distribution), By Function (Coolant, Refrigerant), By Manufacturing Process (Cryogenic distillation, Pressure swing adsorption), By End-Use Industry (Chemicals & pharmaceuticals, Food & beverage, Healthcare, Metal manufacturing & construction, Rubber & Plastic Others {electronics and energy}), and Regional Forecasts 2022-2028

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Abstracts

Global Liquid Nitrogen Market is valued at approximately USD 16.14 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 5.28% over the forecast period 2022-2028. Liquid Nitrogen (LN2) is the most commonly used cryogenic liquid. Liquid Nitrogen is the fractional distillation of the liquid air that includes sharing of two covalent bonds of nitrogen. It is a cryogenic liquid, which is condensed gases that have limits beneath 130°F. Liquid Nitrogen is non-combustible, dry, idle, scentless, and non-poisonous gas that is commonly used as a cryogenic refrigerant in various applications. The increasing industrialization and rapid urbanization, growing demand for LN2 in industrial gas and electronic products, coupled with the rising adoption of Liquid Nitrogen in various applications such as metal fabrication, electronics, healthcare, automotive, and lighting are the significant factors that may accelerate the market demand across the globe. For instance, according to the Indian Brand Equity Foundation (IBEF), in 2019, the appliances and consumer electronics market was accounted for USD 10.93 billion in India and projected to reach USD 21.18 billion by

2025. Thereby, the growth of the electronic industry is further propelling the market demand. However, structural and regulatory restrictions impede the growth of the market over the forecast period of 2022-2028. Also, high demand from the chemical industry is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the Global Liquid Nitrogen Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the increasing number of developmental activities, coupled with a huge presence of the leading manufacturers and suppliers in the region. Whereas, Asia-Pacific is also anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the emerging economies, rising disposable income, and growth of the chemicals, electronic, and metal manufacturing industries would create lucrative growth prospects for the Liquid Nitrogen Market across the Asia-Pacific region.

Major market players included in this report are:

Air Products and Chemicals Inc.

Linde Ag

Praxair Inc.

NexAir LLC.

Air Liquide S.A.

Taiyo Nippon Sanso Corporation

Gulf Cryo

Emirates Industrial Gases Co. LLC.

Southern Industrial Gas BHD

Asia Industrial Gases Pte. Ltd

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Storage, Distribution, and Transportation

Cylinder & packaged distribution

Merchant liquid distribution

Tonnage distribution

By Function

Coolant

Refrigerant

By Manufacturing Process

Cryogenic distillation

Pressure swing adsorption

By End-Use Industry

Chemicals & pharmaceuticals

Food & beverage

Healthcare

Metal manufacturing & construction

Rubber & Plastic

Others (electronics and energy)

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Liquid Nitrogen Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
 - 1.2.1. Global Liquid Nitrogen Market, by Region, 2020-2028 (USD Billion)
 - 1.2.2. Global Liquid Nitrogen Market, by Storage, Distribution, and Transportation, 2020-2028 (USD Billion)
 - 1.2.3. Global Liquid Nitrogen Market, by Function, 2020-2028 (USD Billion)
 - 1.2.4. Global Liquid Nitrogen Market, by Manufacturing Process, 2020-2028 (USD Billion)
 - 1.2.5. Global Liquid Nitrogen Market, by End-Use Industry, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL LIQUID NITROGEN MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL LIQUID NITROGEN MARKET DYNAMICS

- 3.1. Liquid Nitrogen Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing demand for LN2 in industrial gas and electronic products
 - 3.1.1.2. Increasing industrialization and rapid urbanisation
 - 3.1.2. Market Challenges
 - 3.1.2.1. Structural and regulatory restrictions
 - 3.1.3. Market Opportunities
 - 3.1.3.1. High demand from chemical industry

CHAPTER 4. GLOBAL LIQUID NITROGEN MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2019-2028)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL LIQUID NITROGEN MARKET, BY STORAGE, DISTRIBUTION, AND TRANSPORTATION

- 6.1. Market Snapshot
- 6.2. Global Liquid Nitrogen Market by Storage, Distribution, and Transportation, Performance – Potential Analysis
- 6.3. Global Liquid Nitrogen Market Estimates & Forecasts by Storage, Distribution, and Transportation, 2019-2028 (USD Billion)
- 6.4. Liquid Nitrogen Market, Sub Segment Analysis
 - 6.4.1. Cylinder & packaged distribution
 - 6.4.2. Merchant liquid distribution
 - 6.4.3. Tonnage distribution

CHAPTER 7. GLOBAL LIQUID NITROGEN MARKET, BY FUNCTION

- 7.1. Market Snapshot
- 7.2. Global Liquid Nitrogen Market by Function, Performance - Potential Analysis

7.3. Global Liquid Nitrogen Market Estimates & Forecasts by Function, 2019-2028 (USD Billion)

7.4. Liquid Nitrogen Market, Sub Segment Analysis

7.4.1. Coolant

7.4.2. Refrigerant

CHAPTER 8. GLOBAL LIQUID NITROGEN MARKET, BY MANUFACTURING PROCESS

8.1. Market Snapshot

8.2. Global Liquid Nitrogen Market by Manufacturing Process, Performance - Potential Analysis

8.3. Global Liquid Nitrogen Market Estimates & Forecasts by Manufacturing Process, 2019-2028 (USD Billion)

8.4. Liquid Nitrogen Market, Sub Segment Analysis

8.4.1. Cryogenic distillation

8.4.2. Pressure swing adsorption

CHAPTER 9. GLOBAL LIQUID NITROGEN MARKET, BY END-USE INDUSTRY

9.1. Market Snapshot

9.2. Global Liquid Nitrogen Market by End-Use Industry, Performance - Potential Analysis

9.3. Global Liquid Nitrogen Market Estimates & Forecasts by End-Use Industry 2019-2028 (USD Billion)

9.4. Liquid Nitrogen Market, Sub Segment Analysis

9.4.1. Chemicals & pharmaceuticals

9.4.2. Food & beverage

9.4.3. Healthcare

9.4.4. Metal manufacturing & construction

9.4.5. Rubber & Plastic

9.4.6. Others (electronics and energy)

CHAPTER 10. GLOBAL LIQUID NITROGEN MARKET, REGIONAL ANALYSIS

10.1. Liquid Nitrogen Market, Regional Market Snapshot

10.2. North America Liquid Nitrogen Market

10.2.1. U.S. Liquid Nitrogen Market

10.2.1.1. Storage, Distribution, And Transportation breakdown estimates & forecasts,

2019-2028

10.2.1.2. Function breakdown estimates & forecasts, 2019-2028

10.2.1.3. Manufacturing Process breakdown estimates & forecasts, 2019-2028

10.2.1.4. End-Use Industry breakdown estimates & forecasts, 2019-2028

10.2.2. Canada Liquid Nitrogen Market

10.3. Europe Liquid Nitrogen Market Snapshot

10.3.1. U.K. Liquid Nitrogen Market

10.3.2. Germany Liquid Nitrogen Market

10.3.3. France Liquid Nitrogen Market

10.3.4. Spain Liquid Nitrogen Market

10.3.5. Italy Liquid Nitrogen Market

10.3.6. Rest of Europe Liquid Nitrogen Market

10.4. Asia-Pacific Liquid Nitrogen Market Snapshot

10.4.1. China Liquid Nitrogen Market

10.4.2. India Liquid Nitrogen Market

10.4.3. Japan Liquid Nitrogen Market

10.4.4. Australia Liquid Nitrogen Market

10.4.5. South Korea Liquid Nitrogen Market

10.4.6. Rest of Asia Pacific Liquid Nitrogen Market

10.5. Latin America Liquid Nitrogen Market Snapshot

10.5.1. Brazil Liquid Nitrogen Market

10.5.2. Mexico Liquid Nitrogen Market

10.6. Rest of The World Liquid Nitrogen Market

CHAPTER 11. COMPETITIVE INTELLIGENCE

11.1. Top Market Strategies

11.2. Company Profiles

11.2.1. Air Products and Chemicals Inc.

11.2.1.1. Key Information

11.2.1.2. Overview

11.2.1.3. Financial (Subject to Data Availability)

11.2.1.4. Product Summary

11.2.1.5. Recent Developments

11.2.2. Linde Ag

11.2.3. Praxair Inc.

11.2.4. NexAir LLC.

11.2.5. Air Liquide S.A.

11.2.6. Taiyo Nippon Sanso Corporation

- 11.2.7. Gulf Cryo
- 11.2.8. Emirates Industrial Gases Co. LLC.
- 11.2.9. Southern Industrial Gas BHD
- 11.2.10. Asia Industrial Gases Pte. Ltd

CHAPTER 12. RESEARCH PROCESS

- 12.1. Research Process
 - 12.1.1. Data Mining
 - 12.1.2. Analysis
 - 12.1.3. Market Estimation
 - 12.1.4. Validation
 - 12.1.5. Publishing
- 12.2. Research Attributes
- 12.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Liquid Nitrogen market, report scope

TABLE 2. Global Liquid Nitrogen market estimates & forecasts by Region 2019-2028 (USD Billion)

TABLE 3. Global Liquid Nitrogen market estimates & forecasts by Storage, Distribution, And Transportation 2019-2028 (USD Billion)

TABLE 4. Global Liquid Nitrogen market estimates & forecasts by Function 2019-2028 (USD Billion)

TABLE 5. Global Liquid Nitrogen market estimates & forecasts by Manufacturing Process 2019-2028 (USD Billion)

TABLE 6. Global Liquid Nitrogen market estimates & forecasts by End-Use Industry 2019-2028 (USD Billion)

TABLE 7. Global Liquid Nitrogen market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 8. Global Liquid Nitrogen market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 9. Global Liquid Nitrogen market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 10. Global Liquid Nitrogen market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 11. Global Liquid Nitrogen market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 12. Global Liquid Nitrogen market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 13. Global Liquid Nitrogen market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 14. Global Liquid Nitrogen market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 15. Global Liquid Nitrogen market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 16. Global Liquid Nitrogen market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 17. U.S. Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 18. U.S. Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 19. U.S. Liquid Nitrogen market estimates & forecasts by segment 2019-2028

(USD Billion)

TABLE 20. Canada Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 21. Canada Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 22. Canada Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 23. UK Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 24. UK Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 25. UK Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 26. Germany Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 27. Germany Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 28. Germany Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 29. RoE Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 30. RoE Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 31. RoE Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 32. China Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 33. China Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 34. China Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 35. India Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 36. India Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 37. India Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 38. Japan Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 39. Japan Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 40. Japan Liquid Nitrogen market estimates & forecasts by segment 2019-2028

(USD Billion)

TABLE 41. RoAPAC Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 42. RoAPAC Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 43. RoAPAC Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 44. Brazil Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 45. Brazil Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 46. Brazil Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 47. Mexico Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 48. Mexico Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 49. Mexico Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 50. RoLA Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 51. RoLA Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 52. RoLA Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 53. Row Liquid Nitrogen market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 54. Row Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 55. Row Liquid Nitrogen market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 56. List of secondary sources, used in the study of global Liquid Nitrogen market

TABLE 57. List of primary sources, used in the study of global Liquid Nitrogen market

TABLE 58. Years considered for the study

TABLE 59. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Liquid Nitrogen market, research methodology
- FIG 2. Global Liquid Nitrogen market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Liquid Nitrogen market, key trends 2021
- FIG 5. Global Liquid Nitrogen market, growth prospects 2022-2028
- FIG 6. Global Liquid Nitrogen market, porters 5 force model
- FIG 7. Global Liquid Nitrogen market, pest analysis
- FIG 8. Global Liquid Nitrogen market, value chain analysis
- FIG 9. Global Liquid Nitrogen market by segment, 2019 & 2028 (USD Billion)
- FIG 10. Global Liquid Nitrogen market by segment, 2019 & 2028 (USD Billion)
- FIG 11. Global Liquid Nitrogen market by segment, 2019 & 2028 (USD Billion)
- FIG 12. Global Liquid Nitrogen market by segment, 2019 & 2028 (USD Billion)
- FIG 13. Global Liquid Nitrogen market by segment, 2019 & 2028 (USD Billion)
- FIG 14. Global Liquid Nitrogen market, regional snapshot 2019 & 2028
- FIG 15. North America Liquid Nitrogen market 2019 & 2028 (USD Billion)
- FIG 16. Europe Liquid Nitrogen market 2019 & 2028 (USD Billion)
- FIG 17. Asia pacific market 2019 & 2028 (USD Billion)
- FIG 18. Latin America Liquid Nitrogen market 2019 & 2028 (USD Billion)
- FIG 19. Global Liquid Nitrogen market, company market share analysis (2021)

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