

Liquid Nitrogen Market by End-Use Industry (Chemicals & Pharmaceuticals), by Storage, Distribution & Transportation (Cylinder & Packaged Gas), by Function (Coolant, Refrigerant), by Production Technology (Cryogenic Distillation) - Global Forecast to 2020

<https://marketpublishers.com/r/L7D5270DB43EN.html>

Date: January 2016

Pages: 224

Price: US\$ 5,650.00 (Single User License)

ID: L7D5270DB43EN

Abstracts

“Increasing demand for electronics to drive the liquid nitrogen market”

The liquid nitrogen market size is projected to grow from USD 12.48 billion in 2015 to USD 16.14 billion by 2020, at a CAGR of 5.28%. The liquid nitrogen market is driven by factors such as rise in demand for electronic products in developing countries and the growing demand from healthcare sector market.

“Pressure swing adsorption to gain maximum traction during the forecast period”

The pressure swing adsorption segment is projected to be the fastest-growing production technology in the next five years. It can be a cost-effective technique of onsite generation of nitrogen for a broad range of purity and flow requirements. Cryogenic distillation is estimated to have the largest market share during the forecast period. It is the most widely used technique for producing high purity oxygen, nitrogen, and argon on an industrial scale, as it is one of the cost-effective and economic technology solutions for plants with high production rate plants.

Asia-Pacific is estimated to be the fastest growing region.

North America is estimated to have the largest market share during the forecast period

in the liquid nitrogen market. Asia-Pacific is projected to grow at the highest CAGR from 2015 to 2020. The Asia-Pacific region is the most attractive market for liquid nitrogen owing to the rapid socio-economic development in the region. The growth of this region is supplemented by the expansion of the metal manufacturing industry in developing economies such as India and China. The demand for liquid nitrogen is primarily driven by developing countries for applications in various industries such as health care, energy, and electronics.

Breakdown of Primaries

Primary interviews were conducted with a number of industry experts in order to collect data related to different aspects of the liquid nitrogen market. Estimates reached after analyzing secondary sources were validated through these interviews. Primary sources include professionals such as liquid nitrogen manufacturers, distributors, and academic professionals. The distribution of primary interviews is as follows:

By Company Type: Tier 1: 43%; Tier 2: 33%; Tier 3: 24%

By Designation: C-level: 40%; Director level: 35%; Others*: 25%

By Region: North America: 40%; Europe: 20%; Asia-Pacific: 25%; RoW: 15%

Note: Others include sales managers, marketing managers, and product managers.

The tier of the companies is defined on the basis of their total revenue, as of 2013.

Tier 1: Revenue > USD 10 billion; Tier 2: USD 1 billion to USD 10 billion; Tier 3: Revenue USD 1 billion

The various key liquid nitrogen providers profiled in the report are as follows:

1. The Linde Group (Germany)
2. Praxair Inc. (U.S.)
3. Nexair LLC. (U.S.)
4. Air Products and Chemicals, Inc. (U.S.)
5. Taiyo Nippon Sanso Corporation (Japan)
6. Messer Group (Germany)
7. Air Liquide S.A. (France)
8. Gulf Cryo (United Arab Emirates)

9. Emirates Industrial Gases Co. LLC. (United Arab Emirates)
10. Southern Industrial Gas Berhad (Malaysia)

Reasons to buy the report.

The report will help the market leaders/new entrants in this market in the following ways:

1. This report segments the liquid nitrogen market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the subsegments across the different verticals and regions.
2. The report helps stakeholders to understand the market and provides them information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to better understand their competitors and gain more insights into their position in the business. The competitive landscape section includes competitor ecosystem, new product developments, agreements, partnerships and joint ventures, and mergers & acquisitions.

Contents

1 INTRODUCTION

1.1 OBJECTIVES OF THE STUDY

1.2 MARKET DEFINITION

1.3 STUDY SCOPE

1.3.1 PERIODIZATION CONSIDERED FOR THE LIQUID NITROGEN MARKET

1.4 CURRENCY CONSIDERED FOR THE LIQUID NITROGEN MARKET

1.5 UNIT CONSIDERED FOR THE LIQUID NITROGEN MARKET

1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

2.1.1 SECONDARY DATA

2.1.1.1 Key data from secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Key data from primary sources

2.1.2.2 Breakdown of primary interviews

2.2 FACTOR ANALYSIS

2.2.1 INTRODUCTION

2.2.2 DEMAND-SIDE ANALYSIS

2.2.2.1 Rising population

2.2.2.2 Increasing income and spending capacity

2.2.3 SUPPLY-SIDE ANALYSIS

2.2.3.1 Industry regulations

2.2.3.2 Fluctuations in fuel prices

2.3 MARKET SIZE ESTIMATION

2.4 MARKET BREAKDOWN AND DATA TRIANGULATION

2.5 MARKET SHARE ESTIMATION

2.6 RESEARCH ASSUMPTIONS & LIMITATIONS

2.6.1 ASSUMPTIONS

2.6.2 ASSUMPTIONS MADE FOR THIS STUDY

2.6.3 LIMITATIONS

3 EXECUTIVE SUMMARY

3.1 CHEMICALS & PHARMACEUTICALS IS PROJECTED TO ACCOUNT FOR THE

LARGEST SHARE BY 2020

3.2 NORTH AMERICA IS PROJECTED TO DOMINATE THE GLOBAL LIQUID NITROGEN MARKET BY 2020

3.3 THE INDIAN MARKET IS PROJECTED TO GROW AT THE HIGHEST CAGR FROM 2015 TO 2020

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE LIQUID NITROGEN MARKET

4.2 LIQUID NITROGEN MARKET IN THE ASIA-PACIFIC REGION

4.3 EMERGING AND DEVELOPED MARKETS FOR LIQUID NITROGEN, 2015 VS. 2020

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET EVOLUTION

5.3 LIQUID NITROGEN MARKET SEGMENTATION

5.3.1 BY END-USE INDUSTRY

5.3.2 BY FUNCTION

5.3.3 BY STORAGE, TRANSPORTATION & DISTRIBUTION

5.4 MARKET DYNAMICS

5.4.1 DRIVERS

5.4.1.1 Electronic products have seen an increased demand

5.4.1.2 Healthcare sector has seen a steady growth

5.4.1.3 Growing food & beverage industry

5.4.2 RESTRAINTS

5.4.2.1 Structural and Regulatory Restrictions

5.4.3 OPPORTUNITIES

5.4.3.1 High demand from chemical industry

5.4.4 CHALLENGES

5.4.4.1 Intricate manufacturing process

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN

6.3 PORTER'S FIVE FORCES ANALYSIS

6.3.1 THREAT OF NEW ENTRANTS

- 6.3.2 THREATS OF SUBSTITUTES
- 6.3.3 BARGAINING POWER OF SUPPLIERS
- 6.3.4 BARGAINING POWER OF BUYERS
- 6.3.5 INTENSITY OF COMPETITIVE RIVALRY

7 LIQUID NITROGEN MARKET, BY END-USE INDUSTRY

7.1 INTRODUCTION

7.1.1 LIQUID NITROGEN MARKET, BY END-USE INDUSTRY

7.1.1.1 Chemicals & pharmaceuticals is the fastest-growing segment for liquid nitrogen during the review period

7.2 HEALTHCARE

7.3 FOOD & BEVERAGES

7.4 CHEMICALS & PHARMACEUTICALS

7.5 METAL MANUFACTURING & CONSTRUCTION

7.6 RUBBER & PLASTIC

7.7 OTHERS

8 LIQUID NITROGEN MARKET, BY STORAGE, DISTRIBUTION & TRANSPORTATION

8.1 INTRODUCTION

8.1.1 LIQUID NITROGEN MARKET, BY STORAGE, DISTRIBUTION & TRANSPORTATION

8.1.1.1 Cylinder & packaged gas segment is projected to grow at the highest CAGR

8.2 CYLINDERS & PACKAGED GAS

8.3 MERCHANT LIQUID/BULK

8.4 TONNAGE

9 LIQUID NITROGEN MARKET, BY FUNCTION

9.1 INTRODUCTION

9.1.1 LIQUID NITROGEN MARKET, BY FUNCTION

9.1.1.1 Coolant projected to be the fastest-growing function in liquid nitrogen, by 2020

9.2 COOLANT

9.2.1 COOLANT IN LIQUID NITROGEN MARKET, BY END-USE INDUSTRY

9.2.1.1 Chemicals & pharmaceuticals dominated the market in 2014

9.3 REFRIGERANT

9.3.1 REFRIGERANT IN LIQUID NITROGEN MARKET SIZE, BY END-USE

INDUSTRY

9.3.1.1 Food & beverages projected to be the fastest-growing end-use industry of refrigerant, by 2020

10 LIQUID NITROGEN MARKET, BY PRODUCTION TECHNOLOGY

10.1 INTRODUCTION

10.1.1 LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY

10.1.1.1 Cryogenic distillation dominated the market, by production technology, in 2014

10.2 CRYOGENIC DISTILLATION

10.3 PRESSURE SWING ADSORPTION

11 LIQUID NITROGEN MARKET, BY REGION

11.1 INTRODUCTION

11.1.1 LIQUID NITROGEN MARKET SIZE, BY REGION

11.1.1.1 North America dominated the market for liquid nitrogen in 2014

11.2 NORTH AMERICA

11.2.1.1 North America: Liquid nitrogen market size, by country

11.2.1.1.1 U.S. is projected to be the fastest-growing market by 2020

11.2.1.2 North America: Liquid nitrogen market size, by end-use industry

11.2.1.2.1 North American market driven by growing chemicals & pharmaceuticals industry

11.2.1.3 North America: Liquid nitrogen market size, by storage, distribution & transportation

11.2.1.3.1 Cylinder & packaged gas distribution segment dominated the market in North America

11.2.1.4 North America: Liquid nitrogen market size, by function

11.2.1.4.1 Coolant segment accounted for the largest share owing to its growing function in the liquid nitrogen industry

11.2.1.5 North America: Liquid nitrogen market size, by production technology

11.2.1.5.1 Pressure swing adsorption segment to grow at the highest rate by 2020

11.2.2 U.S.

11.2.2.1 U.S.: Liquid nitrogen market size, by end-use industry

11.2.2.1.1 Chemicals & pharmaceuticals segment dominated the market in the U.S., in 2014

11.2.2.2 U.S.: Liquid nitrogen market size, by storage, distribution & transportation

11.2.2.2.1 Cylinder & packaged gas distribution segment dominated the market in

2014

11.2.2.3 U.S.: Liquid nitrogen market size, by function

11.2.2.3.1 Coolant showing signs of potential growth in the U.S.

11.2.2.4 U.S.: Liquid nitrogen market size, by production technology

11.2.2.4.1 Cryogenic distillation segment accounted for the largest share in 2014

11.2.3 CANADA

11.2.3.1 Canada: Liquid nitrogen market size, by end-use industry

11.2.3.1.1 Chemicals & pharmaceuticals was the largest segment in 2014

11.2.3.2 Canada: Liquid nitrogen market size, by storage, distribution, &

transportation

11.2.3.2.1 Cylinder & packaged gas distribution segment to grow at the highest rate by 2020

11.2.3.3 Canada: Liquid nitrogen market size, by function

11.2.3.3.1 Coolant function dominated the liquid nitrogen market in 2014

11.2.3.4 Canada: Liquid nitrogen market size, by production technology

11.2.3.4.1 Pressure swing adsorption segment to grow at the highest CAGR in the Canadian market

11.2.4 MEXICO

11.2.4.1 Mexico: Liquid nitrogen market size, by end-use industry

11.2.4.1.1 Mexican liquid nitrogen market, by end-use industry, was dominated by Chemicals & pharmaceuticals segment in 2014

11.2.4.2 Mexico: Liquid nitrogen market size, by storage, distribution, & transportation

11.2.4.2.1 Cylinder & packaged gas distribution segment to grow at the highest rate by 2020

11.2.4.3 Mexico: Liquid nitrogen market size, by function

11.2.4.3.1 Refrigerant segment to grow at the second-highest rate by 2020

11.2.4.4 Mexico: Liquid nitrogen market size, by production technology

11.2.4.4.1 Cryogenic distillation segment dominated the market in 2014

11.3 ASIA-PACIFIC

11.3.1 ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY COUNTRY

11.3.1.1 China dominated the Asia-Pacific Liquid nitrogen in 2014

11.3.1.2 Asia-Pacific: Liquid nitrogen market size, by end-use industry

11.3.1.2.1 Chemicals & pharmaceuticals accounted for the largest market share in 2014, by value

11.3.1.3 Asia-Pacific: Liquid nitrogen market size, by storage, distribution, & transportation

11.3.1.3.1 Cylinder & packaged gas distribution to grow at the highest CAGR by 2020

11.3.1.4 Asia-Pacific: Liquid nitrogen market size, by function

11.3.1.4.1 Coolant to grow at the highest rate by 2020

11.3.1.5 Asia-Pacific: Liquid nitrogen market size, by production technology

11.3.1.5.1 Cryogenic distillation was the largest market in 2014

11.3.2 CHINA

11.3.2.1 China: Liquid nitrogen market size, by end-use industry

11.3.2.1.1 Growing chemicals & pharmaceuticals industry is driving the liquid nitrogen market in China

11.3.2.2 China: Liquid nitrogen market size, by storage, distribution, & transportation

11.3.2.2.1 Cylinder & packaged gas distribution dominated the Chinese market

11.3.2.3 China: Liquid nitrogen market size, by function

11.3.2.3.1 Coolant dominated the market in China

11.3.2.4 China: Liquid nitrogen market size, by production technology

11.3.2.4.1 Cryogenic distillation projected to grow at the highest rate by 2020

11.3.3 INDIA

11.3.3.1 India: liquid nitrogen market size, by end-use industry

11.3.3.1.1 Chemicals & pharmaceuticals projected to grow at the highest rate by 2020

11.3.3.2 India: liquid nitrogen market size, by storage, distribution & transportation

11.3.3.2.1 Cylinder & packaged gas distribution dominated the market in 2014

11.3.3.3 India: liquid nitrogen market size, by function

11.3.3.3.1 Liquid nitrogen market in India is largely driven by growth in the income of middle-class population

11.3.3.4 India: Liquid nitrogen market size, by production technology

11.3.3.4.1 Cryogenic distillation showing potential for growth in India

11.3.4 JAPAN

11.3.4.1 Japan: Liquid nitrogen market size, by end-use industry

11.3.4.1.1 Chemicals & pharmaceuticals to grow at the highest CAGR by 2020

11.3.4.2 Japan: Liquid nitrogen market size, by storage, distribution & transportation

11.3.4.2.1 Cylinder & packaged gas distribution dominated the market in 2014

11.3.4.3 Japan: Liquid nitrogen market size, by function

11.3.4.3.1 Function of liquid nitrogen in coolant was the highest in 2014

11.3.4.4 Japan: Liquid nitrogen market size, by production technology

11.3.4.4.1 Cryogenic distillation projected to grow at the highest rate by 2020

11.3.5 SOUTH KOREA

11.3.5.1 South Korea: Liquid nitrogen market size, by end-use industry

11.3.5.1.1 Food & beverage to grow at the second-highest CAGR by 2020

11.3.5.2 South Korea: Liquid nitrogen market size, by storage, distribution & transportation

11.3.5.2.1 Merchant liquid distribution to grow at the second highest rate by 2020

11.3.5.3 South Korea: Liquid nitrogen market size, by function

11.3.5.3.1 Function of liquid nitrogen in coolant was the largest in 2014

11.3.5.4 South Korea: Liquid nitrogen market size, by production technology

11.3.5.4.1 Cryogenic distillation accounted for the largest market share in 2014

11.3.6 REST OF ASIA-PACIFIC

11.3.6.1 Rest of Asia-Pacific: Liquid nitrogen market size, by end-use industry

11.3.6.1.1 Chemicals & pharmaceuticals held the largest share in the rest of APAC

liquid nitrogen market

11.3.6.2 Rest of Asia-Pacific: Liquid nitrogen market size, by storage, distribution & transportation

11.3.6.2.1 Cylinder & Packaged Gas Distribution was the largest market in 2014

11.3.6.3 Rest of Asia-Pacific: Liquid nitrogen market size, by function

11.3.6.3.1 Refrigerant was the second-largest function for liquid nitrogen in 2014

11.3.6.4 Rest of Asia-Pacific: Liquid nitrogen market size, by production technology

11.3.6.4.1 Pressure swing adsorption was the second-largest market in 2014

11.4 EUROPE

11.4.1.1 Europe: Liquid nitrogen market size, by country

11.4.1.1.1 Germany held the largest share in the European liquid nitrogen market

11.4.1.2 Europe: Liquid nitrogen market size, by end-use industry

11.4.1.2.1 Chemicals & pharmaceuticals to grow at the highest CAGR by 2020

11.4.1.3 Europe: Liquid nitrogen market size, by storage, distribution, & transportation

11.4.1.3.1 Cylinder & packaged gas distribution dominated the market in Europe

11.4.1.4 Europe: Liquid nitrogen market size, by function

11.4.1.4.1 Coolant dominated the market in Europe in 2014

11.4.1.5 Europe: Liquid nitrogen market size, by production technology

11.4.1.5.1 Cryogenic distillation dominated the liquid nitrogen in Europe

11.4.2 GERMANY

11.4.2.1 Germany: Liquid nitrogen market size, by end-use industry

11.4.2.1.1 Chemicals & pharmaceuticals accounted for the largest market share in 2014

11.4.2.2 Germany: Liquid nitrogen market size, by storage, distribution, & transportation

11.4.2.2.1 Merchant liquid distribution was the second-largest market in 2014 in Germany

11.4.2.3 Germany: Liquid nitrogen market size, by function

11.4.2.3.1 Refrigerant was the second-largest market in 2014 in Germany

11.4.2.4 Germany: Liquid nitrogen market size, by production technology

11.4.2.4.1 Cryogenic distillation accounted for the largest market share in 2014

11.4.3 FRANCE

- 11.4.3.1 France: Liquid nitrogen market size, by end-use industry
 - 11.4.3.1.1 Chemicals & pharmaceuticals projected to grow at the highest rate by 2020
- 11.4.3.2 France: Liquid nitrogen market size, by storage, distribution, & transportation
 - 11.4.3.2.1 Cylinder & packaged gas distribution accounted for the largest share in France
- 11.4.3.3 France: Liquid nitrogen market size, by function
 - 11.4.3.3.1 Coolant dominated the liquid nitrogen market in 2014
- 11.4.3.4 France: Liquid nitrogen market size, by production technology
 - 11.4.3.4.1 Cryogenic distillation dominated the liquid nitrogen market in 2014
- 11.4.4 U.K.
 - 11.4.4.1 U.K.: Liquid nitrogen market size, by end-use industry
 - 11.4.4.1.1 Food & beverages projected to grow at the second-highest rate
 - 11.4.4.2 U.K.: Liquid nitrogen market size, by storage, distribution, & transportation
 - 11.4.4.2.1 Cylinder & packaged gas distribution showing growth potential in the U.K.
 - 11.4.4.3 U.K.: Liquid nitrogen market size, by function
 - 11.4.4.3.1 Coolant dominated the U.K. market for Liquid nitrogen
 - 11.4.4.4 U.K.: Liquid nitrogen market size, by production technology
 - 11.4.4.4.1 Cryogenic distillation dominated the U.K. market for liquid nitrogen
- 11.4.5 BELGIUM
 - 11.4.5.1 Belgium: Liquid nitrogen market size, by end-use industry
 - 11.4.5.1.1 Food & beverages to grow at the second-highest rate by 2020 in Belgium
 - 11.4.5.2 Belgium: Liquid nitrogen market size, by storage, distribution, & transportation
 - 11.4.5.2.1 Cylinder & packaged gas distribution showing growth potential in Belgium
 - 11.4.5.3 Belgium: Liquid nitrogen market size, by function
 - 11.4.5.3.1 Coolant segment dominated the Belgium market for liquid nitrogen
 - 11.4.5.4 Belgium: Liquid nitrogen market size, by production technology
 - 11.4.5.4.1 Cryogenic distillation dominated the Belgium market for liquid nitrogen
- 11.4.6 REST OF EUROPE
 - 11.4.6.1 Rest of Europe: Liquid nitrogen market size, by end-use industry
 - 11.4.6.1.1 Chemicals & pharmaceuticals to grow at the highest CAGR by 2020
 - 11.4.6.2 Rest of Europe: Liquid nitrogen market size, by storage, distribution, & transportation
 - 11.4.6.2.1 Merchant liquid distribution projected to grow at the second-highest CAGR by 2020
 - 11.4.6.3 Rest of Europe: Liquid nitrogen market size, by function
 - 11.4.6.3.1 Coolant segment accounted for the largest share in 2014 and is also projected to grow at the highest CAGR by 2020

11.4.6.4 Rest of Europe: Liquid nitrogen market size, by production technology

11.4.6.4.1 Cryogenic distillation to grow at the second-highest rate by 2020

11.5 ROW

11.5.1.1 RoW: Liquid nitrogen market size, by country

11.5.1.1.1 Brazil dominated the RoW liquid nitrogen market in 2014

11.5.1.2 RoW: Liquid nitrogen market size, by end-use industry

11.5.1.2.1 Food & beverages segment to grow at the second-highest rate by 2020

11.5.1.3 RoW: Liquid nitrogen market size, by storage, distribution, & transportation

11.5.1.3.1 Cylinder & packaged gas distribution segment dominated the market in 2014

11.5.1.4 RoW: Liquid nitrogen market size, by function

11.5.1.4.1 Coolant segment dominated the market in 2014, in RoW

11.5.1.5 RoW: Liquid nitrogen market size, by production technology

11.5.1.5.1 Pressure swing adsorption segment is projected to have potential growth by 2020

11.5.2 BRAZIL

11.5.2.1 Brazil: Liquid nitrogen market size, by end-use industry

11.5.2.1.1 Liquid nitrogen market in Brazil was dominated by the chemicals & pharmaceuticals segment in 2014

11.5.2.2 Brazil: Liquid nitrogen market size, by storage, distribution, & transportation

11.5.2.2.1 Cylinder & packaged gas distribution to grow at the highest rate by 2020

11.5.2.3 Brazil: Liquid nitrogen market size, by function

11.5.2.3.1 Coolant segment dominated the Brazilian market for liquid nitrogen in 2014

11.5.2.4 Brazil: Liquid nitrogen market size, by production technology

11.5.2.4.1 Pressure swing adsorption segment is projected to grow at the highest CAGR by 2020

11.5.3 SAUDI ARABIA

11.5.3.1 Saudi Arabia: Liquid nitrogen market size, by end-use industry

11.5.3.1.1 Chemicals & pharmaceuticals segment dominated the market in Saudi Arabia

11.5.3.2 Saudi Arabia: Liquid nitrogen market size, by storage, distribution, & transportation

11.5.3.2.1 Cylinder & packaged gas distribution segment projected to grow at the highest rate by 2020

11.5.3.3 Saudi Arabia: Liquid nitrogen market size, by function

11.5.3.3.1 Coolant segment is expected to have potential growth opportunities by 2020

11.5.3.4 Saudi Arabia: Liquid nitrogen market size, by production technology

11.5.3.4.1 Cryogenic distillation segment dominated the market in 2014

11.5.4 SOUTH AFRICA

11.5.4.1 South Africa: Liquid nitrogen market size, by end-use industry

11.5.4.1.1 Chemicals & pharmaceuticals segment dominated the market in South Africa

11.5.4.2 South Africa: Liquid nitrogen market size, by storage, distribution, & transportation

11.5.4.2.1 Merchant liquid distribution segment projected to grow at the second-highest rate by 2020

11.5.4.3 South Africa: Liquid nitrogen market size, by function

11.5.4.3.1 Coolant segment is expected to have potential growth opportunities by 2020

11.5.4.4 South Africa: Liquid nitrogen market size, by production technology

11.5.4.4.1 Cryogenic distillation segment dominated the market in 2014

11.5.5 OTHER ROW COUNTRIES

11.5.5.1 Other RoW. Countries: Liquid nitrogen market size, by end-use industry

11.5.5.1.1 Chemicals & pharmaceuticals segment projected to grow at the highest rate by 2020

11.5.5.2 Other RoW. Countries: Liquid nitrogen market size, by storage, distribution, & transportation

11.5.5.2.1 Cylinder & packaged gas distribution segment is projected to grow at the highest CAGR by 2020

11.5.5.3 Other RoW Countries: Liquid nitrogen market size, by function

11.5.5.3.1 Refrigerant segment is projected to grow at the second-highest CAGR by 2020

11.5.5.4 Other RoW Countries: Liquid nitrogen market size, by production technology

11.5.5.4.1 Cryogenic distillation segment accounted for the largest market share in 2014

12 COMPETITIVE LANDSCAPE

12.1 OVERVIEW

12.2 DEVELOPMENT ANALYSIS

12.3 COMPETITIVE SITUATIONS & TRENDS

12.4 PARTNERSHIPS, AGREEMENTS, AND JOINT VENTURES– THE KEY GROWTH STRATEGY, 2011–2015

12.4.1 PARTNERSHIPS, AGREEMENTS, AND JOINT VENTURES

12.4.2 EXPANSIONS

12.4.3 MERGERS & ACQUISITIONS

12.4.4 NEW PRODUCT LAUNCHES

13 COMPANY PROFILES

(Company at a Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments)*

13.1 INTRODUCTION

13.2 THE LINDE GROUP

13.3 PRAXAIR INC.

13.4 AIR LIQUIDE S.A.

13.5 AIR PRODUCTS AND CHEMICALS, INC.

13.6 GULF CRYO

13.7 SOUTHERN INDUSTRIAL GAS BERHAD

13.8 MESSER GROUP

13.9 EMIRATES INDUSTRIAL GASES CO. LLC

13.10 TAIYO NIPPON SANSO CORPORATION

13.11 NEXAIR LLC

*Details on company at a glance, recent financials, products & services, strategies & insights, & recent developments might not be captured in case of unlisted companies.

14 APPENDIX

14.1 INSIGHTS OF INDUSTRY EXPERTS

14.2 DISCUSSION GUIDE

14.3 COMPANY DEVELOPMENTS

14.3.1 PARTNERSHIPS, AGREEMENTS, AND JOINT VENTURES

14.3.2 EXPANSIONS

14.3.3 MERGERS & ACQUISITIONS

14.3.4 NEW PRODUCT LAUNCHES

14.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

14.5 AVAILABLE CUSTOMIZATIONS

List Of Tables

LIST OF TABLES

Table 1 LIQUID NITROGEN MARKET SNAPSHOT

Table 2 END-USE INDUSTRY & DESCRIPTION

Table 3 MANUFACTURING PROCESS & DESCRIPTION

Table 4 DISTRIBUTION MODE & DESCRIPTION

Table 5 THE STANDARD BY COMPRESSED GAS ASSOCIATION:

Table 6 LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(USD MILLION)

Table 7 LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(MILLION TONS)

Table 1 LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION &
TRANSPORTATION, 2013–2020 (USD MILLION)

Table 2 LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION &
TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 3 REGULATIONS ON TRANSPORTATION AND STORAGE OF GAS
CYLINDERS

Table 4 LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD
MILLION)

Table 5 LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION
TONS)

Table 6 COOLANT: LIQUID NITROGEN MARKET SIZE, BY END-USE, 2013–2020
(USD MILLION)

Table 7 COOLANT: LIQUID NITROGEN MARKET SIZE, BY END-USE, 2013–2020
(MILLION TONS)

Table 8 REFRIGERANT: LIQUID NITROGEN MARKET SIZE, BY END-USE,
2013–2020 (USD MILLION)

Table 9 REFRIGERANT: LIQUID NITROGEN MARKET SIZE, BY END-USE,
2013–2020 (MILLION TONS)

Table 10 LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY,
2013–2020 (USD MILLION)

Table 11 LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY,
2013–2020 (MILLION TONS)

Table 12 LIQUID NITROGEN MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 13 LIQUID NITROGEN MARKET SIZE, BY REGION, 2013–2020 (MILLION
TONS)

Table 14 NORTH AMERICA: LIQUID NITROGEN MARKET SIZE, BY COUNTRY,

2013–2020 (USD MILLION)

Table 15 NORTH AMERICA: LIQUID NITROGEN MARKET SIZE, BY COUNTRY, 2013–2020 (MILLION TONS)

Table 16 NORTH AMERICA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 17 NORTH AMERICA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 18 NORTH AMERICA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 19 NORTH AMERICA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 20 NORTH AMERICA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 21 NORTH AMERICA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 22 NORTH AMERICA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 23 NORTH AMERICA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 24 U.S.: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 25 U.S.: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 26 U.S.: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 27 U.S.: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 28 U.S.: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 29 U.S.: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 30 U.S.: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 31 U.S.: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 32 CANADA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 33 CANADA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 34 CANADA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 35 CANADA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 36 CANADA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 37 CANADA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 38 CANADA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 39 CANADA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 40 MEXICO: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 41 MEXICO: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 42 MEXICO: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 43 MEXICO: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 44 MEXICO: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 45 MEXICO: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 46 MEXICO: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 47 MEXICO: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 48 ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 49 ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY COUNTRY, 2013–2020 (MILLION TONS)

Table 50 ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 51 ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 52 ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 53 ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY STORAGE,

DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 54 ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 55 ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 56 ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 57 ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 58 CHINA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 59 CHINA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 60 CHINA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 61 CHINA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 62 CHINA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 63 CHINA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 64 CHINA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 65 CHINA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 66 INDIA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 67 INDIA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 68 INDIA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 69 INDIA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 70 INDIA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 71 INDIA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 72 INDIA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 73 INDIA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 74 JAPAN: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 75 JAPAN: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 76 JAPAN: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 77 JAPAN: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 78 JAPAN: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 79 JAPAN: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 80 JAPAN: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 81 JAPAN: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 82 SOUTH KOREA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 83 SOUTH KOREA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 84 SOUTH KOREA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 85 SOUTH KOREA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 86 SOUTH KOREA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 87 SOUTH KOREA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 88 SOUTH KOREA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 89 SOUTH KOREA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 90 REST OF ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 91 REST OF ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 92 REST OF ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY

STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 93 REST OF ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 94 REST OF ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 95 REST OF ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 96 REST OF ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 97 REST OF ASIA-PACIFIC: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 98 EUROPE: LIQUID NITROGEN MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 99 EUROPE: LIQUID NITROGEN MARKET SIZE, BY COUNTRY, 2013–2020 (MILLION TONS)

Table 100 EUROPE: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 101 EUROPE: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 102 EUROPE: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 103 EUROPE: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 104 EUROPE: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 105 EUROPE: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 106 EUROPE: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 107 EUROPE: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 108 GERMANY: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 109 GERMANY: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 110 GERMANY: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 111 GERMANY: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 112 GERMANY: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 113 GERMANY: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 114 GERMANY: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 115 GERMANY: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 116 FRANCE: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 117 FRANCE: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 118 FRANCE: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 119 FRANCE: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 120 FRANCE: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 121 FRANCE: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 122 FRANCE: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 123 FRANCE: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 124 U.K.: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 125 U.K.: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 126 U.K.: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 127 U.K.: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 128 U.K.: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 129 U.K.: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 130 U.K.: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 131 U.K.: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION

TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 132 BELGIUM: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 133 BELGIUM: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 134 BELGIUM: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 135 BELGIUM: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 136 BELGIUM: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 137 BELGIUM: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 138 BELGIUM: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 139 BELGIUM: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 140 REST OF EUROPE: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 141 REST OF EUROPE: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 142 REST OF EUROPE: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 143 REST OF EUROPE: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 144 REST OF EUROPE: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 145 REST OF EUROPE: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 146 REST OF EUROPE: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 147 REST OF EUROPE: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 148 ROW: LIQUID NITROGEN MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 149 ROW: LIQUID NITROGEN MARKET SIZE, BY COUNTRY, 2013–2020 (MILLION TONS)

Table 150 ROW: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 151 ROW: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 152 ROW: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 153 ROW: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 154 ROW: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 155 ROW: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 156 ROW: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 157 ROW: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 158 BRAZIL: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 159 BRAZIL: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 160 BRAZIL: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 161 BRAZIL: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 162 BRAZIL: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 163 BRAZIL: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 164 BRAZIL: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 165 BRAZIL: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 166 SAUDI ARABIA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 167 SAUDI ARABIA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 168 SAUDI ARABIA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 169 SAUDI ARABIA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 170 SAUDI ARABIA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION,

2013–2020 (USD MILLION)

Table 171 SAUDI ARABIA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 172 SAUDI ARABIA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 173 SAUDI ARABIA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 174 SOUTH AFRICA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 175 SOUTH AFRICA: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 176 SOUTH AFRICA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 177 SOUTH AFRICA: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 178 SOUTH AFRICA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 179 SOUTH AFRICA: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 180 SOUTH AFRICA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 181 SOUTH AFRICA: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (MILLION TONS)

Table 182 OTHER ROW COUNTRIES: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (USD MILLION)

Table 183 OTHER ROW COUNTRIES: LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (MILLION TONS)

Table 184 OTHER ROW COUNTRIES: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (USD MILLION)

Table 185 OTHER ROW COUNTRIES: LIQUID NITROGEN MARKET SIZE, BY STORAGE, DISTRIBUTION & TRANSPORTATION, 2013–2020 (MILLION TONS)

Table 186 OTHER ROW COUNTRIES: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (USD MILLION)

Table 187 OTHER ROW COUNTRIES: LIQUID NITROGEN MARKET SIZE, BY FUNCTION, 2013–2020 (MILLION TONS)

Table 188 OTHER ROW COUNTRIES: LIQUID NITROGEN MARKET SIZE, BY PRODUCTION TECHNOLOGY, 2013–2020 (USD MILLION)

Table 189 OTHER ROW COUNTRIES: LIQUID NITROGEN MARKET SIZE, BY MANUFACTURING PROCESS, 2013–2020 (MILLION TONS)

Table 190 PARTNERSHIPS, AGREEMENTS, AND JOINT VENTURES, 2011–2015

Table 191 EXPANSIONS, 2011–2015

Table 192 MERGERS & ACQUISITIONS, 2011-2015

Table 193 NEW PRODUCT LAUNCHES, 2011–2015

List Of Figures

LIST OF FIGURES

Figure 1 LIQUID NITROGEN MARKET: RESEARCH DESIGN

Figure 2 BREAKDOWN OF PRIMARY INTERVIEWS

Figure 3 POPULATION GROWTH HAS INCREASED TREMENDOUSLY IN THE LAST THREE DECADES

Figure 4 INCREASE IN TOTAL EXPENDITURE OF MIDDLE-CLASS FAMILIES

Figure 5 CRUDE OIL SPOT PRICES, 2004–2014

Figure 6 NATURAL GAS PRICES, 2004-2014

Figure 7 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 8 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 9 DATA TRIANGULATION METHODOLOGY

Figure 10 LIQUID NITROGEN MARKET SIZE, BY END-USE INDUSTRY, 2015 VS. 2020 (USD MILLION)

Figure 11 LIQUID NITROGEN MARKET SIZE, BY REGION, 2015 VS. 2020 (USD MILLION)

Figure 12 INDIA IS PROJECTED TO BE THE FASTEST-GROWING MARKET FOR LIQUID NITROGEN FROM 2015 TO 2020

Figure 13 CYLINDER & PACKAGED GAS IS PROJECTED TO DOMINATE THE MARKET BY 2020

Figure 14 KEY MARKET PLAYERS ADOPTED MERGERS & ACQUISITIONS AS KEY STRATEGIES FROM 2011 TO 2015

Figure 15 EMERGING ECONOMIES OFFER ATTRACTIVE OPPORTUNITIES IN THE LIQUID NITROGEN MARKET

Figure 16 CHEMICALS & PHARMACEUTICALS CAPTURED THE LARGEST SHARE IN THE EMERGING ASIA-PACIFIC MARKET IN 2014

Figure 17 COUNTRY-WISE GROWTH POTENTIAL OF LIQUID NITROGEN, 2015–2020

Figure 18 LIQUID NITROGEN MARKET: REGION-WISE SNAPSHOT, 2014

Figure 19 EMERGING MARKETS TO GROW FASTER THAN DEVELOPED MARKETS, 2015–2020

Figure 20 LIQUID NITROGEN MARKET: END-USE INDUSTRIES SNAPSHOT, 2014

Figure 21 EVOLUTION OF LIQUID NITROGEN MARKET

Figure 22 LIQUID NITROGEN MARKET SEGMENTATION

Figure 23 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

Figure 24 SILICON WAFER INDUSTRY TRENDS

Figure 25 GLOBAL HEALTHCARE SECTOR OUTLOOK FOR 2009 TO 2013

- Figure 26 CHEMICALS MARKET, CAGR (2013-2020)
- Figure 27 LIQUID NITROGEN VALUE CHAIN
- Figure 28 PORTER'S FIVE FORCES ANALYSIS
- Figure 29 CHEMICALS & PHARMACEUTICALS DOMINATED THE LIQUID NITROGEN MARKET IN 2015
- Figure 30 CYLINDER & PACKAGED GAS SEGMENT DOMINATED THE LIQUID NITROGEN MARKET IN 2015
- Figure 31 LIQUID NITROGEN MARKET, BY FUNCTION, 2015 VS. 2020 (USD MILLION)
- Figure 32 CRYOGENIC DISTILLATION SEGMENT DOMINATED THE LIQUID NITROGEN MARKET IN 2015
- Figure 33 GEOGRAPHICAL SNAPSHOT: ASIA-PACIFIC IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD
- Figure 34 INDIA POISED TO GROW AT THE HIGHEST CAGR BY 2020
- Figure 35 NORTH AMERICA: MARKET SNAPSHOT
- Figure 36 ASIA-PACIFIC: MARKET SNAPSHOT
- Figure 37 EUROPE: MARKET SNAPSHOT
- Figure 38 ROW: MARKET SNAPSHOT
- Figure 39 COMPANIES ADOPTED EXPANSIONS AS THEIR KEY GROWTH STRATEGY OVER THE LAST FIVE YEARS
- Figure 40 LIQUID NITROGEN MARKET DEVELOPMENTS, BY KEY PLAYERS, 2014
- Figure 41 PARTNERSHIPS, AGREEMENTS, AND JOINT VENTURES FUELED GROWTH OF THE LIQUID NITROGEN MARKET (2011–2015)
- Figure 42 KEY GROWTH STRATEGIES, 2011–2015
- Figure 43 GEOGRAPHIC REVENUE MIX OF TOP FIVE PLAYERS
- Figure 44 THE LINDE GROUP: COMPANY SNAPSHOT
- Figure 45 SWOT ANALYSIS: THE LINDE GROUP
- Figure 46 PRAXAIR INC.: COMPANY SNAPSHOT
- Figure 47 SWOT ANALYSIS: PRAXAIR INC.
- Figure 48 AIR LIQUIDE S.A.: COMPANY SNAPSHOT
- Figure 49 AIR LIQUIDE S.A.: SWOT ANALYSIS
- Figure 50 AIR PRODUCTS AND CHEMICALS, INC.: COMPANY SNAPSHOT
- Figure 51 AIR PRODUCTS AND CHEMICALS, INC.: SWOT ANALYSIS
- Figure 52 SOUTHERN INDUSTRIAL GAS BERHAD: COMPANY SNAPSHOT
- Figure 53 MESSER GROUP: COMPANY SNAPSHOT
- Figure 54 TAIYO NIPPON SANZO CORPORATION: COMPANY SNAPSHOT

I would like to order

Product name: Liquid Nitrogen Market by End-Use Industry (Chemicals & Pharmaceuticals), by Storage, Distribution & Transportation (Cylinder & Packaged Gas), by Function (Coolant, Refrigerant), by Production Technology (Cryogenic Distillation) - Global Forecast to 2020

Product link: <https://marketpublishers.com/r/L7D5270DB43EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L7D5270DB43EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970