

# Global Liquid Nitrogen Market Research Report to 2020

https://marketpublishers.com/r/GDF9B0B730AEN.html

Date: November 2016 Pages: 130 Price: US\$ 2,900.00 (Single User License) ID: GDF9B0B730AEN

# Abstracts

This report studies Liquid Nitrogen in Global market, especially in North America, Europe, China, Japan, Southeast Asia and India, focuses on top manufacturers in global market, with sales, price, revenue and market share for each manufacturer, covering

The Linde Group

Praxair Inc.

Air Liquide S.A.

Air Products and Chemicals, Inc.

Gulf Cryo

Southern Industrial Gas Berhad

Messer Group

Emirates Industrial Gases Co. LLC

Taiyo Nippon Sanso Corporation

Nexair LLC



Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Liquid Nitrogen in these regions, from 2011 to 2020 (forecast), like

North America

China

Europe

Japan

India

Southeast Asia

Split by product types, with production, revenue, price, market share and growth rate of each type, can be divided into

Cryogenic Distillation

Pressure Swing Adsorption

Type 3

Split by applications, this report focuses on consumption, market share and growth rate of Liquid Nitrogen in each application, can be divided into

Healthcare

Food & Beverages

Chemicals & Pharmaceuticals

Metal Manufacturing & Construction

Rubber & Plastic





# Contents

Global Liquid Nitrogen Market Research Report 2021

## **1 LIQUID NITROGEN OVERVIEW**

- 1.1 Product Overview and Scope of Liquid Nitrogen
- 1.2 Liquid Nitrogen Segment by Types
- 1.2.1 Global Production Market Share of Liquid Nitrogen by Types in 2015
- 1.2.2 Cryogenic Distillation Overview and Price
- 1.2.2.1 Cryogenic Distillation Overview
- 1.2.2.2 Cryogenic Distillation Growth Rate
- 1.2.3 Pressure Swing Adsorption
  - 1.2.3.1 Pressure Swing Adsorption Overview
- 1.2.3.2 Pressure Swing Adsorption Growth Rate
- 1.2.4 Type
  - 1.2.4.1 Type 1 Overview
  - 1.2.4.2 Type 2 Growth Rate
- 1.3 Liquid Nitrogen Segment by Applications
  - 1.3.1 Liquid Nitrogen Consumption Market Share by Applications in 2015
  - 1.3.2 Healthcare? and Major Clients (Buyers) List
  - 1.3.3 Food & Beverages and Major Clients (Buyers) List
  - 1.3.4 Chemicals & Pharmaceuticals? and Major Clients (Buyers) List
- 1.3.5 Metal Manufacturing & Construction and Major Clients (Buyers) List
- 1.3.6 Rubber & Plastic? and Major Clients (Buyers) List
- 1.4 Liquid Nitrogen Market by Regions
  - 1.4.1 North America Status and Prospect (2011-2020)
  - 1.4.2 China Status and Prospect (2011-2020)
- 1.4.3 Europe Status and Prospect (2011-2020)
- 1.4.4 Japan Status and Prospect (2011-2020)
- 1.4.5 India Status and Prospect (2011-2020)
- 1.4.6 Southeast Asia Status and Prospect (2011-2020)
- 1.5 Global Market Size (Value and Volume) of Liquid Nitrogen (2011-2020)
- 1.5.1 Global Liquid Nitrogen Sales and Revenue (2011-2020)
- 1.5.2 Global Liquid Nitrogen Sales and Growth Rate (2011-2020)
- 1.5.3 Global Liquid Nitrogen Revenue and Growth Rate (2011-2020)

## **2 GLOBAL LIQUID NITROGEN MARKET COMPETITION BY MANUFACTURERS**



- 2.1 Global Liquid Nitrogen Production and Share by Manufacturers (2015 and 2016)
- 2.2 Global Liquid Nitrogen Revenue and Share by Manufacturers (2015 and 2016)
- 2.3 Global Liquid Nitrogen Average Price by Manufacturers (2015 and 2016)
- 2.4 Manufacturers Liquid Nitrogen Manufacturing Base Distribution and Product Types
- 2.5 Competitive Situation and Trends
  - 2.5.1 Expansions
  - 2.5.2 New Product Launches
  - 2.5.3 Acquisitions
  - 2.5.4 Other Developments

## **3 GLOBAL LIQUID NITROGEN ANALYSIS BY REGIONS**

3.1 Global Liquid Nitrogen Production, Revenue and Market Share by Regions (2011-2020)

3.1.1 Global Liquid Nitrogen Production Market Share by Regions (2011-2020)

3.1.2 Global Liquid Nitrogen Revenue Market Share by Regions (2011-2020)

3.2 Global Liquid Nitrogen Consumption by Regions (2011-2020)

3.3 North America

3.3.1 North America Liquid Nitrogen Production, Revenue and Price (2011-2020)

3.3.2 North America Liquid Nitrogen Production, Revenue and Growth Rate

(2011-2020) 3.4 Europe

3.4.1 Europe Liquid Nitrogen Production, Revenue and Price (2011-2020)

3.4.2 Europe Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020) 3.5 China

3.5.1 China Liquid Nitrogen Production, Revenue and Price (2011-2020)

3.5.2 China Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020) 3.6 Japan

3.6.1 Japan Liquid Nitrogen Production, Revenue and Price (2011-2020)

3.6.2 Japan Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020) 3.7 India

3.7.1 India Liquid Nitrogen Production, Revenue and Price (2011-2020)

3.7.2 India Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020)3.8 Southeast Asia

3.8.1 Southeast Asia Liquid Nitrogen Production, Revenue and Price (2011-2020)

3.8.2 Southeast Asia Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020)

## **4 GLOBAL LIQUID NITROGEN ANALYSIS BY TYPES**



4.1 Global Liquid Nitrogen Production, Revenue, Market Share and Growth Rate by Types (2011-2020)

4.1.1 Global Liquid Nitrogen Production and Market Share by Types (2011-2020)

4.1.2 Global Liquid Nitrogen Revenue, Market Share and Growth Rate by Types (2011-2020)

4.2 Cryogenic Distillation Production, Revenue, Price and Growth (2011-2020)

4.3 Pressure Swing Adsorption Production, Revenue, Price and Growth (2011-2020)

4.4 Type 3 Production, Revenue, Price and Growth (2011-2020)

## **5 GLOBAL LIQUID NITROGEN MARKET ANALYSIS BY APPLICATIONS**

5.1 Global Liquid Nitrogen Consumption and Market Share by Applications 2011-2020

- 5.2 Major Regions Liquid Nitrogen Consumption by Applications in 2015 and 2016
  - 5.2.1 North America Liquid Nitrogen Consumption by Applications
  - 5.2.2 Europe Liquid Nitrogen Consumption by Applications
  - 5.2.3 China Liquid Nitrogen Consumption by Applications
  - 5.2.4 Japan Liquid Nitrogen Consumption by Applications
  - 5.2.5 India Liquid Nitrogen Consumption by Applications
- 5.2.6 Southeast Asia Liquid Nitrogen Consumption by Applications
- 5.3 Global Liquid Nitrogen Consumption Growth Rate by Applications (2011-2020)
- 5.4 Market Drivers and Opportunities
  - 5.4.1 Potential Applications
  - 5.4.2 Emerging Markets/Countries

## 6 GLOBAL LIQUID NITROGEN MANUFACTURERS ANALYSIS

- 6.1 The Linde Group
- 6.1.1 Company Basic Information, Manufacturing Base and Competitors
- 6.1.2 Liquid Nitrogen Product Types and Technology
  - 6.1.2.1 Cryogenic Distillation
  - 6.1.2.2 Pressure Swing Adsorption
  - 6.1.2.3 Type

6.1.3 The Linde Group Capacity, Revenue, Price of Liquid Nitrogen (2015 and 2016) 6.2 Praxair Inc.

- 6.2.1 Company Basic Information, Manufacturing Base and Competitors
- 6.2.2 Liquid Nitrogen Product Types and Technology
  - 6.2.2.1 Cryogenic Distillation
  - 6.2.2.2 Pressure Swing Adsorption



6.2.2.3 Type

6.2.3 Praxair Inc.? Production, Revenue, Price of Liquid Nitrogen (2015 and 2016) 6.3 Air Liquide S.A.

6.3.1 Company Basic Information, Manufacturing Base and Competitors

- 6.3.2 Liquid Nitrogen Product Types and Technology
- 6.3.2.1 Cryogenic Distillation
- 6.3.2.2 Pressure Swing Adsorption
- 6.3.2.3 Type

6.3.3 Air Liquide S.A.? Capacity, Revenue, Price of Liquid Nitrogen (2015 and 2016)6.4 Air Products and Chemicals, Inc.

- 6.4.1 Company Basic Information, Manufacturing Base and Competitors
- 6.4.2 Liquid Nitrogen Product Types and Technology
- 6.4.2.1 Cryogenic Distillation
- 6.4.2.2 Pressure Swing Adsorption

6.4.3 Air Products and Chemicals, Inc. Capacity, Revenue, Price of Liquid Nitrogen

(2015 and 2016)

- 6.5 Gulf Cryo
  - 6.5.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.5.2 Liquid Nitrogen Product Types and Technology
  - 6.5.2.1 Cryogenic Distillation
  - 6.5.2.2 Pressure Swing Adsorption
- 6.5.3 Gulf Cryo Capacity, Revenue, Price of Liquid Nitrogen (2015 and 2016)
- 6.6 Southern Industrial Gas Berhad
  - 6.6.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.6.2 Liquid Nitrogen Product Types and Technology
  - 6.6.2.1 Cryogenic Distillation
  - 6.6.2.2 Pressure Swing Adsorption

6.6.3 Southern Industrial Gas Berhad Capacity, Revenue, Price of Liquid Nitrogen (2015 and 2016)

- 6.7 Messer Group
- 6.7.1 Company Basic Information, Manufacturing Base and Competitors
- 6.7.2 Liquid Nitrogen Product Types and Technology
  - 6.7.2.1 Cryogenic Distillation
  - 6.7.2.2 Pressure Swing Adsorption
- 6.7.3 Messer Group Capacity, Revenue, Price of Liquid Nitrogen (2015 and 2016)
- 6.8 Emirates Industrial Gases Co. LLC
- 6.8.1 Company Basic Information, Manufacturing Base and Competitors
- 6.8.2 Liquid Nitrogen Product Types and Technology
  - 6.8.2.1 Cryogenic Distillation



6.8.2.2 Pressure Swing Adsorption

6.8.3 Emirates Industrial Gases Co. LLC Capacity, Revenue, Price of Liquid Nitrogen (2015 and 2016)

6.9 Taiyo Nippon Sanso Corporation

6.9.1 Company Basic Information, Manufacturing Base and Competitors

6.9.2 Liquid Nitrogen Product Types and Technology

- 6.9.2.1 Cryogenic Distillation
- 6.9.2.2 Pressure Swing Adsorption

6.9.3 Taiyo Nippon Sanso Corporation Capacity, Revenue, Price of Liquid Nitrogen (2015 and 2016)

6.10 Nexair LLC

- 6.10.1 Company Basic Information, Manufacturing Base and Competitors
- 6.10.2 Liquid Nitrogen Product Types and Technology
- 6.10.2.1 Cryogenic Distillation
- 6.10.2.2 Pressure Swing Adsorption
- 6.10.3 Nexair LLC Capacity, Revenue, Price of Liquid Nitrogen (2015 and 2016)

## 7 LIQUID NITROGEN TECHNOLOGY AND DEVELOPMENT TREND

- 7.1 Liquid Nitrogen Key Raw Materials Analysis
  - 7.1.1 Key Raw Materials
  - 7.1.2 Raw Materials Supply Relationship
  - 7.1.3 Key Suppliers of Raw Materials
- 7.2 Liquid Nitrogen Technology and Trend Analysis
  - 7.2.1 Manufacturing Process of Liquid Nitrogen
  - 7.2.2 Technology Development Trend

## 8 RESEARCH FINDINGS AND CONCLUSION



# **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Picture of Liquid Nitrogen Figure Global Production Market Share of Liquid Nitrogen by Types in 2015 Table Liquid Nitrogen Product Types of by Manufacturers Figure Product Picture of Cryogenic Distillation Figure Cryogenic Distillation Growth Rate (2011-2020) Figure Product Picture of Pressure Swing Adsorption Figure Pressure Swing Adsorption Growth Rate (2011-2020) Figure Product Picture of Type Figure Type 3 Growth Rate (2011-2020) Table Liquid Nitrogen Consumption Market Share by Applications in 2015 and 2016 Table Liquid Nitrogen Major Clients (Buyers) List in Healthcare Table Liquid Nitrogen Major Clients (Buyers) List in Food & Beverages Table Liquid Nitrogen Major Clients (Buyers) List in Chemicals & Pharmaceuticals Table Liquid Nitrogen Major Clients (Buyers) List in Metal Manufacturing & Construction Table Liquid Nitrogen Major Clients (Buyers) List in Rubber & Plastic Figure North America Liquid Nitrogen Production and Growth Rate (2011-2020) Figure North America Liquid Nitrogen Consumption and Growth Rate (2011-2020) Figure China Liquid Nitrogen Production and Growth Rate (2011-2020) Figure China Liquid Nitrogen Consumption and Growth Rate (2011-2020) Figure Europe Liquid Nitrogen Production and Growth Rate (2011-2020) Figure Europe Liquid Nitrogen Consumption and Growth Rate (2011-2020) Figure Japan Liquid Nitrogen Production and Growth Rate (2011-2020) Figure Japan Liquid Nitrogen Consumption and Growth Rate (2011-2020) Figure India Liquid Nitrogen Production and Growth Rate (2011-2020) Figure India Liquid Nitrogen Consumption and Growth Rate (2011-2020) Figure Southeast Asia Liquid Nitrogen Production and Growth Rate (2011-2020) Figure Southeast Asia Liquid Nitrogen Consumption and Growth Rate (2011-2020) Table Global Liquid Nitrogen Capacity, Production and Revenue (2011-2020) Figure Global Liquid Nitrogen Capacity, Production and Growth Rate (2011-2020) Figure Global Liquid Nitrogen Revenue and Growth Rate (2011-2020) Table Global Liquid Nitrogen Capacity of Key Manufacturers (2015 and 2016) Table Global Liquid Nitrogen Production of Key Manufacturers (2015 and 2016) Table Global Liquid Nitrogen Production Share by Manufacturers (2015 and 2016) Figure 2015 Liquid Nitrogen Production Share by Manufacturers Figure 2016 Liquid Nitrogen Production Share by Manufacturers



Table Global Liquid Nitrogen Revenue by Manufacturers (2015 and 2016) Table Global Liquid Nitrogen Revenue Share by Manufacturers (2015 and 2016) Table 2015 Global Liquid Nitrogen Revenue Share by Manufacturers Table 2016 Global Liquid Nitrogen Revenue Share by Manufacturers Table Global Market Liquid Nitrogen Average Price of Key Manufacturers (2015 and 2016)

Table Manufacturers Liquid Nitrogen Manufacturing Base Distribution and Product Types

Table Global Liquid Nitrogen Production Market by Regions (2011-2020) Figure Global Liquid Nitrogen Production Market by Regions (2011-2020) Figure 2015 Global Liquid Nitrogen Production Market Share by Regions (2011-2020) Figure 2015 Global Liquid Nitrogen Revenue Market by Regions (2011-2020) Table Global Liquid Nitrogen Revenue Market Share by Regions (2011-2020) Table 2015 Global Liquid Nitrogen Revenue Market Share by Regions (2011-2020) Table 2015 Global Liquid Nitrogen Revenue Market Share by Regions Table Global Liquid Nitrogen Consumption Market Share by Regions (2011-2020) Table Global Liquid Nitrogen Consumption Market Share by Regions (2011-2020) Figure Global Liquid Nitrogen Consumption Market Share by Regions (2011-2020) Figure Global Liquid Nitrogen Consumption Market Share by Regions (2011-2020) Figure Slobal Liquid Nitrogen Consumption Market Share by Regions (2011-2020) Figure Slobal Liquid Nitrogen Consumption Market Share by Regions (2011-2020) Figure Slobal Liquid Nitrogen Consumption Market Share by Regions (2011-2020) Figure Slobal Liquid Nitrogen Consumption Market Share by Regions (2011-2020) Figure Slobal Liquid Nitrogen Production, Revenue and Price (2011-2020) Figure North America Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020)

Table Europe Liquid Nitrogen Production, Revenue and Price (2011-2020) Figure Europe Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020) Table China Liquid Nitrogen Production, Revenue and Price (2011-2020) Figure China Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020) Table Japan Liquid Nitrogen Production, Revenue and Price (2011-2020) Figure Japan Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020) Table India Liquid Nitrogen Production, Revenue and Price (2011-2020) Figure India Liquid Nitrogen Production, Revenue and Price (2011-2020) Figure India Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020) Table Southeast Asia Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020) Figure Southeast Asia Liquid Nitrogen Production, Revenue and Price (2011-2020) Figure Southeast Asia Liquid Nitrogen Production, Revenue and Growth Rate (2011-2020)

Table Global Liquid Nitrogen Production by Types (2011-2020) Table Global Liquid Nitrogen Production Share by Types (2011-2020) Figure Production Market Share of Liquid Nitrogen by Types (2011-2020) Figure 2015 Production Market Share of Liquid Nitrogen by Types Figure Global Liquid Nitrogen Production Growth Rate by Types (2011-2020) Table Global Liquid Nitrogen Revenue by Types (2011-2020)



Table Global Liquid Nitrogen Revenue Share by Types (2011-2020) Figure Global Liquid Nitrogen Revenue Growth Rate by Types (2011-2020) Figure Cryogenic Distillation Production, Revenue and Growth (2011-2020) Figure Cryogenic Distillation Price Trend (2011-2020) Figure Pressure Swing Adsorption Production, Revenue and Growth (2011-2020) Figure Pressure Swing Adsorption Price Trend (2011-2020) Figure Type 3 Production, Revenue and Growth (2011-2020) Figure Type 3 Price Trend (2011-2020) Table Global Liquid Nitrogen Consumption by Applications 2011-2020 Table Global Liquid Nitrogen Consumption Market Share by Applications 2011-2020 Figure Global Liquid Nitrogen Consumption Market Share by Applications in 2016 Figure Global Liquid Nitrogen Consumption Market Share by Applications in 2020 Table North America Liquid Nitrogen Consumption by Applications (2015 and 2016) Table Europe Liquid Nitrogen Consumption by Applications (2015 and 2016) Table China Liquid Nitrogen Consumption by Applications (2015 and 2016) Table Japan Liquid Nitrogen Consumption by Applications (2015 and 2016) Table India Liquid Nitrogen Consumption by Applications (2015 and 2016) Table Southeast Asia Liquid Nitrogen Consumption by Applications (2015 and 2016) Table Global Liquid Nitrogen Consumption Growth Rate by Applications 2011-2020 Figure Global Liquid Nitrogen Consumption Growth Rate by Applications 2011-2020 Table The Linde Group Basic Information List Table Liquid Nitrogen Capacity, Production, Revenue, Price of The Linde Group (2015) and 2016) Table Praxair Inc. Basic Information List Table Liquid Nitrogen Capacity, Production, Revenue, Price of Praxair Inc. (2015 and 2016) Table Air Liquide S.A. Basic Information List Table Liquid Nitrogen Capacity, Production, Revenue, Price of Air Liquide S.A. (2015) and 2016) Table Air Products and Chemicals, Inc. Basic Information List Table Liquid Nitrogen Capacity, Production, Revenue, Price of Air Products and Chemicals, Inc. (2015 and 2016) Table Gulf Cryo Basic Information List Table Liquid Nitrogen Capacity, Production, Revenue, Price of Gulf Cryo (2015 and 2016) Table Southern Industrial Gas Berhad Basic Information List Table Liquid Nitrogen Capacity, Production, Revenue, Price of Southern Industrial Gas Berhad (2015 and 2016) Table Messer Group Basic Information List



Table Liquid Nitrogen Capacity, Production, Revenue, Price of Messer Group (2015 and 2016)

Table Emirates Industrial Gases Co. LLC Basic Information List

Table Liquid Nitrogen Capacity, Production, Revenue, Price of Emirates Industrial Gases Co. LLC (2015 and 2016)

Table Taiyo Nippon Sanso Corporation Basic Information List

Table Liquid Nitrogen Capacity, Production, Revenue, Price of Taiyo Nippon Sanso Corporation (2015 and 2016)

Table Nexair LLC Basic Information List

Table Liquid Nitrogen Capacity, Production, Revenue, Price of Nexair LLC (2015 and 2016)

 Table Production Base and Market Concentration Rate of Raw Material

Table Key Suppliers of Raw Materials



#### I would like to order

Product name: Global Liquid Nitrogen Market Research Report to 2020 Product link: https://marketpublishers.com/r/GDF9B0B730AEN.html Price: US\$ 2,900.00 (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 <u>https://marketpublishers.com/r/GDF9B0B730AEN.html</u>

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

Custumer signature \_\_\_\_\_

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

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