

# **Global Inhaled Nitric Oxide Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030**

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## **Abstracts**

Nitric oxide is a chemical compound in gas form that is sometimes used to treat infants with severe breathing problems associated with narrow blood vessels in the lungs. It works by relaxing smooth muscle to widen (dilate) blood vessels, especially in the lungs. Nitric oxide is usually used together with a breathing machine (ventilator).

Inhaled nitric oxide (iNO) is recognized as a potent and selective pulmonary vasodilator that does not decrease systemic vascular tone. The therapeutic application of iNO in human was first described in 1990s. INO therapy was effective to improve oxygenation in infants with persistent pulmonary hypertension of the newborn (PPHN). Owing to its selective pulmonary vasodilator effects, iNO therapy is an important treatment for term newborns with hypoxemic respiratory failure due to PPHN. The Food and Drug Administration of the United States of America first approved iNO in 1999 for use as a medical gas to treat hypoxic respiratory failure associated with clinical or echocardiographic evidence of pulmonary hypertension in term and late preterm neonates. Thereafter, iNO therapy is clinically applied to treat PPHN in term and late preterm neonates without consensus.

According to APO Research, The global Inhaled Nitric Oxide market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

Mallinckrodt monopolizes the global Inhaled Nitric Oxide market, holding a share about 65%.

North America is the largest market, with a share about 77%, followed by Asia-Pacific

and Europe, have a share about 20 percent.

In terms of product, 800 ppm is the largest segment, with a share over 50%. And in terms of application, the largest application is Near-term and Pre-term Infants PPHN, followed by Children and Adult ARDS, etc.

This report presents an overview of global market for Inhaled Nitric Oxide, sales, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Inhaled Nitric Oxide, also provides the sales of main regions and countries. Of the upcoming market potential for Inhaled Nitric Oxide, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Inhaled Nitric Oxide sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Inhaled Nitric Oxide market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Inhaled Nitric Oxide sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Mallinckrodt, Praxair (Linde plc), Air Liquide and BOC Healthcare (Linde Group), etc.

Inhaled Nitric Oxide segment by Company

Mallinckrodt

Praxair (Linde plc)

Air Liquide

BOC Healthcare (Linde Group)

#### Inhaled Nitric Oxide segment by Type

800 ppm

100 ppm

Others

#### Inhaled Nitric Oxide segment by Application

Near-term and Pre-term Infants PPHN

Children and Adult ARDS

Other Diseases

#### Inhaled Nitric Oxide segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

## Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Inhaled Nitric Oxide market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Inhaled Nitric Oxide and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Inhaled Nitric Oxide.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Provides an overview of the Inhaled Nitric Oxide market, including product definition, global market growth prospects, market size, sales, and average price forecasts (2019-2030).

Chapter 2: Provides the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Inhaled Nitric Oxide manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Sales of Inhaled Nitric Oxide in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space of each country in the world.

Chapter 7: Revenue of Inhaled Nitric Oxide in regional level. It provides a quantitative

analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space of each country in the world.

Chapter 8: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

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