

Nitrogen Global Market To Grow At Rate Of 11% Through 2026

Global Nitrogen Market Report by The Business Research Company covers the nitrogen market drivers and restraints, size, major players and the impact of COVID-19

LONDON, GREATER LONDON, UK, July 19, 2022 /EINPresswire.com/ --

According to 'Nitrogen Global Market Report 2022 – Market Size, Trends, And

Global Forecast 2022-2026' published by The Business Research Company, the nitrogen market size is expected to grow from \$31.13 billion in 2021 to \$34.96 billion in 2022 at a compound annual growth rate (CAGR) of 12.3%. As per TBRC's nitrogen industry outlook the market size is expected to grow to \$53.85 billion in 2026 at a CAGR of 11.4%. The growing food and beverages industry contributes to the nitrogen market growth.

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The nitrogen market consists of sales of industrial nitrogen and its related services used in various applications such as for food packaging in the food industry to prevent food spoilage, in steel manufacturing to prevent oxidation. The nitrogen gas is colorless, odorless, inert, and non-flammable gas. It can be used to replace air and reduce or eliminate the oxidation of materials including food items. This gas is used in various industries including healthcare, food & beverages, metal production, automotive, chemicals, agrochemicals, etc.

[Global Nitrogen Market Trends](#)

Industrial gas companies are increasingly using pressure swing adsorption (PSA) technology as a cost-effective and highly efficient method to produce nitrogen. PSA systems operate on the principle of adsorption. They consist of adsorption vessels packed with carbon molecular sieves (CMS) which are capable of absorbing carbon dioxide and residual moisture. At high pressures, CMS selectively adsorbs oxygen, thus allowing nitrogen to pass through at the desired purity level. Onsite generation of nitrogen using PSA systems is more cost-effective than traditional cryogenic distillation or stored liquid nitrogen. PSAs can economically produce nitrogen at flow

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Nitrogen Global Market Report 2022 - Market Size, Trends, And Global Forecast 2022-2026

rates from less than 5,000 scfh to greater than 60,000 scfh, and at purities from 95% to 99.9995%. Mahler AGS, a German manufacturer of on-site gas generation plants, is using PSA systems for the low-cost production of nitrogen.

[Global Nitrogen Market Segments](#)

The global nitrogen market is segmented:

By Product Type: Compressed Gas, Liquid Nitrogen

By Application: Commercial Use, Industrial Use, Science and Research

By End-User Industry: Petrochemical, Oil and Gas, Metal Manufacturing and Fabrication, Food and Beverage, Electronics, Pharmaceutical and Healthcare, Chemical, Others

By Geography: The global nitrogen market is segmented into North America, South America, Asia-Pacific, Eastern Europe, Western Europe, Middle East and Africa. Among these regions, Asia-Pacific accounts for the largest share.

Read More On The Global Nitrogen Market Report At:

<https://www.thebusinessresearchcompany.com/report/nitrogen-global-market-report>

Nitrogen Global Market Report 2022 is one of a series of new reports from The Business Research Company that provides nitrogen market overviews, analyzes and forecasts market size and growth for the nitrogen global market, nitrogen market share, nitrogen market segments and geographies, nitrogen global market trends, nitrogen global market players, nitrogen global market leading competitor revenues, profiles and market shares. The nitrogen global market report identifies top countries and segments for opportunities and strategies based on market trends and key competitors' approaches.

TBRC's Nitrogen Global Market Report 2022 includes information on the following:

Data Segmentations: Market Size, Global, By Region and Country, Historic and Forecast, and Growth Rates for 60 Geographies

Key Market Players: Air Liquide, Linde Group, Praxair Inc, Air Products and Chemicals, Messer Group, Southern Industrial Gas Berhad, Taiyo Nippon Sanso Corporation, Gulf Cryo, Emirates Industrial Gases Co. LLC, and nexAir.

Regions: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.

Countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

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