

Helium Market - Forecasts from 2016 to 2021

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Abstracts

Helium market is projected to grow at a CAGR of 2.53% during the forecast period. High investment in R&D activities is driving the demand for helium since liquid helium is widely used in quantum mechanics to study the atomic structure and behavior of subatomic particles such as protons, electrons, and neutrons. Growing packaging industry is also augmenting the demand for helium as increasing demand for processed food and beverage industry requires packaging gas to pack food products into a modified atmosphere environment. Healthcare sector significantly propels the growth of global helium market due to high use of helium in NMR machines, MRI, and nuclear reactors as a coolant owing to its high specific heat and chemical inertness. By distribution type, the packaged mode held the largest share in 2015 as there is a high demand for liquid and gaseous helium in terms of small volume requirements. Ongoing R&D activities regarding the use of helium for various analytical applications in different industries will bolster the growth of global helium market in the coming years. However, stringent regulatory standards and safety regulations regarding the storage, transportation, and distribution of helium will pose a great challenge for the market growth during the forecast period.

Research Methodology

The first section of the report deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segmentations which have been covered as part of the report.

Market Dynamics

Next section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current

market. This section of the report also provides supplier and industry outlook as a whole; key industry and regional regulations which are determining the product specifications and a brief technological aspect of helium. Complete industry analysis has also been covered by Porter's five forces model as a part of this report section.

Segmentation

Thirdly, Helium market has been segmented by distribution type as on-site, merchant, and packaged. The market has also been segmented by industry vertical as aerospace and defense, electronics and semiconductors, healthcare, transportation, manufacturing, and others. Geographically, segmentation has been done as Americas, Europe Middle East and Africa, and others.

Market Players

Finally, competitive intelligence section deals with major players in the market, their market shares, growth strategies, products, financials, and recent investments among others. Key industry participants profiled as part of this section are Ras Gas, Praxair, Air Liquide, Gazprom, Linde, Iwatani, Messer Group, Buzwair, LNG Japan Corporation, and Matheson Tri-Gas.

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