

Global Gas Mixtures Market Size study, By Mixtures (Oxygen Mixtures, Nitrogen Mixtures, Carbon Dioxide Mixtures, Argon Mixtures, Hydrogen Mixtures, Specialty Gas Mixtures), By Storage, Distribution, and Transportation (Cylinder & Packaged Distribution, Merchant Liquid Distribution, Tonnage Distribution), By Manufacturing Process (Air Separation Technology, Hydrogen Production Technology, Others {Pressure Swing Adsorption}), By End-Use Industry (Metal Manufacturing & Fabrication, Chemicals, Medical & Healthcare, Electronics, Food & beverage, Others {Glass, Energy, and Oil & Gas}), and Regional Forecasts 2022-2028

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Abstracts

Global Gas Mixtures Market is valued approximately USD 38.72 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 5.46% over the forecast period 2022-2028.

Gas Mixtures are is manufactured either by mixing two or more pure gases or can be provided as premixed products in different containers. The key applications include food & beverage, medical, electronics, and so on. Among them, food gas mixtures play a considerable role that used to prevent the deterioration of packaged food by replacing the air in the package with a protective gas mixture. Thus, the increased utility in the packaged food industry in the form of Modified Atmosphere Packaging (MAP) gas blend

will create huge demand for gas mixture markets all over the world. For instance, as per the Food Export Association (FAO), the United States and China are the leading countries in the packaged food industry, and Japan is the third-leading packaged food market in the world. Japan's packaged food industry has been estimated at around USD 182.1 billion in 2019, representing a growth of about 3.3% and USD 5.7 billion since 2015. In addition, the utilization of gas mixtures such as hydrogen mixtures, carbon dioxide mixtures, and oxygen mixtures are broadly used in the metal manufacturing & fabrication industry to facilitate better metal transfer in gas metal arc welding. This application is also anticipated to bolster the demand for gas mixtures in the approaching years. However, stringent regulations and restrictions by the regulatory impede the growth of the market over the forecast period of 2022-2028. Also, high demand in the chemical industry is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the Global Gas Mixtures Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the growing oil & gas manufacturing industries, high presence of industrial base coupled with major market players in the region. Whereas, Asia-Pacific is anticipated to exhibit a remarkable CAGR over the forecast period 2022-2028. Factors such as growing demand for industrial gases, along with high technology development in oil & gas mixture technology, would create lucrative growth prospects for the Gas Mixtures market across the Asia-Pacific region.

Major market players included in this report are:

Praxair Inc.

Air Liquide S.A.

The Linde Group

Messer Group GmbH

Airgas Inc.

Taiyo Nippon Sanso Corporation

Air Products and Chemicals Inc.

Advanced Specialty Gases Inc.

Iwatani Corporation

Welsco, Inc.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also

caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Mixtures:

Oxygen Mixtures

Nitrogen Mixtures

Carbon Dioxide Mixtures

Argon Mixtures

Hydrogen Mixtures

Specialty Gas Mixtures

By Storage, Distribution, and Transportation:

Cylinder & Packaged Distribution

Merchant Liquid Distribution

Tonnage Distribution

By Manufacturing Process:

Air Separation Technology

Hydrogen Production Technology

Others (Pressure Swing Adsorption)

By End-Use Industry:

Metal Manufacturing & Fabrication

Chemicals

Medical & Healthcare

Electronics

Food & Beverage

Others (Glass, Energy, and Oil & Gas)

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global Gas Mixtures Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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