

# Gas Treatment Market by Type (Amines and Non-Amines), Application (Acid Gas Removal and Dehydration), and Region (North America, APAC, Europe, Middle East, Commonwealth of Independent States & Africa, and South America) - Global Forecasts to 2023

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# **Abstracts**

"The gas treatment market is projected to register a CAGR of 5.7%, from 2018 to 2023, in terms of value."

The gas treatment market is projected to grow from USD 3.76 billion in 2018 to USD 4.96 billion by 2023, at a CAGR of 5.7% from 2018 to 2023. Growing demand for natural gas and stringent air pollution control regulations are driving the market for gas treatment. In addition, the discovery of new gas fields is an opportunity for gas treatment. The major restraint for the market is the insufficient supply and high cost of specialized raw materials and increasing competition from substitutes. In addition, high capital requirement makes it difficult for new players to enter the market.

"Non-amines to be the fastest-growing type of gas treatment, during the forecast period, in terms of volume and value"

Non-amines is projected to be the fastest-growing type segment during the forecast period, in terms of value and volume. These chemicals remove the water content from natural gas streams and help in preventing hydrate formation. Triethylene glycol is the largest non-amine used for dehydration and hydrate removal or prevention.

"APAC gas treatment market is projected to register the highest CAGR during the



forecast period, in terms of volume"

Discovery of new gas fields, especially in APAC is the major factor driving the consumption of gas treatment. The recent discovery of new gas fields in the region will boost the demand for gas treatment. In March 2018, the Department of Energy (US) had declared the Alegria Oil Field in Cebu (the Philippines) to have commercial quantities of natural gas. The resource has about 9.42 billion cubic feet of natural gas. In Bhola district of Bangladesh, explorers have found 600 billion cubic feet of gas. All these new gas field explorations are expected to increase the consumption of gas treatment in these regions during the forecast period.

The market sizes estimated in this study have been validated through primary interviews conducted with various industry experts, globally. These primary sources have been divided into three categories:

By Company Type: Tier I - 25%, Tier II - 50%, and Tier III - 25%

By Designation: C Level - 20%, Director Level - 30%, and Others - 50%

By Region: North America - 20%, Europe - 30%, APAC - 25%, South America - 15%, and the Middle East, CIS & Africa - 10%

The report profiles several leading players of the gas treatment market that include DowDuPont Inc. (US), Huntsman International LLC (US), BASF SE (Germany), Ecolab Inc., and Berryman Chemicals Inc. (US). The report also includes detailed information about various growth strategies adopted by these key players to strengthen their position in the market.

## RESEARCH COVERAGE

The objective of this study is to define, describe, and forecast the gas treatment market based on various segmentations and strategically analyze these market segments with respect to individual growth trends, growth prospects, and contribution to the overall gas treatment market. In this report, the market has been segmented based on type, application, and region.

#### REASONS TO BUY THE REPORT



The report is expected to help market leaders/new entrants in the gas treatment market in the following ways:

- 1. This report comprehensively segments the gas treatment market and provides the closest approximations for the sizes of different segments and subsegments of the market across different verticals and regions.
- 2. This report is expected to help stakeholders in obtaining an improved understanding of their competitors and gain insights about their businesses. The competitive landscape section includes detailed information about new product launches, investments & expansions, and agreements that have been undertaken by various key players to enhance their position in the gas treatment market



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# **About**

The report "Gas Treatment Market by Type (Amines and Non-Amines), Application (Acid Gas Removal and Dehydration), and Region (North America, APAC, Europe, Middle East, Commonwealth of Independent States & Africa, and South America) - Global Forecasts to 2023", The gas treatment market is projected to grow from USD 3.76 billion in 2018 to USD 4.96 billion by 2023, at a CAGR of 5.7% from 2018 to 2023.

# Major companies profiled in this report include:

DowDuPont Inc. (US), Huntsman International LLC (US), BASF SE (Germany), Ecolab Inc., and Berryman Chemicals Inc. (US) are the key players operating in the gas treatment market. These companies have adopted various organic as well as inorganic growth strategies between 2015 and 2018 to strengthen their position in the market. Investments & expansions is the key growth strategies adopted by these leading players to enhance their regional presence and meet the growing demand for gas treatment from emerging economies.

# **Research Coverage:**

The objective of this study is to define, describe, and forecast the gas treatment market based on various segmentations and strategically analyze these market segments with respect to individual growth trends, growth prospects, and contribution to the overall gas treatment market. In this report, the market has been segmented based on type, application, and region.

Huntsman International LLC (US) has gained a strong foothold in the gas treatment market. It is strengthening its position by adopting various investments & expansions to meet the growing demand from customers. In July 2017, the company expanded its Singapore specialty amine facility by 25,000 tons to meet the growing global demand for specialty amines and strengthen its leading position in the field of amine technology. In addition, the company is investing in R&D capabilities to meet the evolving need of customers. In November 2016, the company inaugurated the Shanghai Campus to enhance its innovation performance.

BASF SE (Germany) is another major player operating in the gas treatment market. The company has a broad product portfolio for gas treatment technology, which finds use in various applications. In May 2018, the company signed an agreement with ExxonMobil



Catalysts and Licensing LLC (US) to jointly develop new gas treating solvents and process technologies for petroleum refining and natural gas processing. The development will offer new gas treatment technologies and solvents to help end users reduce energy consumption, increase the capacity of natural gas production, and meet tighter sulfur specifications. The development will help the company broaden its portfolio for gas treatment.

# Amines segment to lead the gas treatment market, during the forecast period, in terms of both value and volume

On the basis of type, the amines segment is projected to lead the gas treatment market, during the forecast period, in terms of both value and volume. The removal of acid contaminants from natural gas is necessary for the commercial industrial applications. Acid gases, such as hydrogen sulfide and carbon dioxide, need to be removed to meet the environmental and health and safety standards.

# Acid gas removal segment is projected to lead the gas treatment market, during the forecast period, in terms of volume

On the basis of application, the acid gas removal segment is projected to lead the gas treatment market during the forecast period, in terms of both value and volume. Natural gas streams contain hydrogen sulfide and carbon dioxide. These gases are toxic and poisonous and need to be treated. These gases, in the presence of water, are extremely corrosive and can cause premature failure of pipeline, pressure vessels, and valves. Acid gases can also cause catalyst poisoning in refinery vessel and requires expensive precautionary measures. All these factors are responsible for the high growth of the gas treatment market.

# APAC gas treatment market is projected to register the highest CAGR, between 2018 and 2023, in terms of volume

The gas treatment market in APAC has immense growth potential. The discovery of new gas fields in the region is expected to fuel the demand for gas treatment during the forecast period. China, Australia, and Malaysia are some of the key countries in the region contributing significantly to the growth of the gas treatment market in the region.



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