

Global Maleic Anhydride Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Company Share, 2015-2032

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Abstracts

The global Maleic Anhydride market has grown remarkably to reach approximately 2200 thousand tonnes in 2021 and is anticipated to grow at a CAGR of 4.76% during the forecast period until 2032. Recently, Wanhua Chemicals Group Co., Ltd., one of the giants of chemicals based in China, has signed a contract to CONSER S.p.A. for one of the biggest Maleic Anhydride plants in the world. This plant will hold a production capacity of roughly 200 thousand tonnes annually.

Maleic Anhydride is a hydrocarbon with the chemical formula $C_2H_2(CO)_2O$. It is industrially prepared by vapor-phase oxidation of n-butane with a catalyst. Usually, the vanadium-phosphorus oxide is employed as a catalyst in this chemical reaction. Maleic Anhydride is a chemically reactive intermediate with applications in almost every field of applied chemistry. Maleic Anhydride turns into maleic acid when it mixes with water. It is partially soluble in benzene, chloroform, and toluene but readily soluble in ethanol, acetone, and dioxane. Maleic Anhydride is also a critical ingredient in the production of 1:4 butanediol and tetrahydrophthalic anhydrides (curing agents). Maleic Anhydride is employed to manufacture a variety of resins and plastics, epoxy hardening agents, sugar substitutes, paper sizing, flavor stimulants, copolymers, hair care products, and pharmaceuticals.

Maleic Anhydride is a versatile chemical that is used in almost all chemical industries, and its wide range of applications is expected to boost its market growth in the upcoming years. Maleic Anhydride also finds application as a precursor or additive in lubricants, food additives (fumaric acid, succinic acid & malic acid), surfactants (water

treatment detergents), agrochemicals (Insecticides and pesticides), pharmaceuticals, paper sizing, hairsprays, petroleum additives, and artificial sweeteners.

The primary driver of the Maleic Anhydride global market prominently the production of Unsaturated Polyester Resin (UPR). UPR is further used in many industrial applications, such as in the manufacturing of high-performance components used in the transportation and marine industry, fiber-reinforced plastics, and filled-plastic products like pipes, tanks, gratings, cladding, drums, and sanitary ware. The automotive industries also utilize them for making parts such as sealing and side panels. In 2021, approximately 50% of global Maleic Anhydride was utilized by the Unsaturated polyester resins sector, and it is anticipated to expand further in the forecast period. The growing Building and Construction sector, along with Automotive, is going to drive the demand for Maleic Anhydride in the forecast period and reach approximately 3500 thousand tonnes by 2032.

Based on demand across the globe, the Asia Pacific is reported to be the biggest consumer of the Maleic Anhydride market. The demand for maleic Anhydride in the APAC region is anticipated to rise owing to its usage for creating bulk molding compounds and fiberglass reinforced plastics. Owing to expanding Food and Beverage, Automotive, and construction sectors in the region coupled with the rapid industrialization, growing population, and a huge consumer base in the region, the demand for the Maleic Anhydride market will most likely expand in the forecast period. Europe and North America stand next in the line as prominent consumers of Maleic Anhydride.

Based on end-uses, the global Maleic Anhydride market is segregated into Unsaturated Polyester Resin, 1,4-butandiol, Fumaric Acid, Lube Oil Additives, and Others. Unsaturated Polyester Resin is dominating the global Maleic Anhydride market. However, 1,4-butandiol is also a prominent consumer of Maleic Anhydride, which is employed as a solvent in various fibers, spandex, elastomers, and films. The demand for Maleic Anhydride by the Lube Oil Additives industry also contributes to the market expansion.

Major players in the production of Global Maleic Anhydride are Qixiang tengda chemical, Huntsman Corporation, BASF, Taiyuan Qiaoyou Chemical Industrial, Shanxi Qiaoyou Chemical Co., Ltd, Sasol-Huntsman GmbH & Co., Lanxess, and Ningbo Jiangning Chemical Co. Ltd.

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2032

Objective of the Study:

To assess the demand-supply scenario of Maleic Anhydride which covers production, demand and supply of Maleic Anhydride market in the globe.

To analyse and forecast the market size of Maleic Anhydride

To classify and forecast Global Maleic Anhydride market based on end-use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of Maleic Anhydride market in the globe.

To extract data for Global Maleic Anhydride market, primary research surveys were conducted with Maleic Anhydride manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for Global Maleic Anhydride market over the coming years.

ChemAnalyst calculated Maleic Anhydride demand in the globe by analyzing the historical data and demand forecast which was carried out considering the raw materials to produce Maleic Anhydride. ChemAnalyst sourced these values from industry experts and company representatives and externally validated through

analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

Maleic Anhydride manufacturers and other stakeholders

Organizations, forums and alliances related to Maleic Anhydride distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as Maleic Anhydride s manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years (next two to five years), thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, Global Maleic Anhydride s market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by end-use: Unsaturated Polyester Resin, 1,4-butandiol, Fumaric Acid, Lube Oil Additives, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa, and South America.

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a

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company's specific needs.

Contents

1. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Maleic Anhydride.

2. CAPACITY BY LOCATION

To better understand the regional supply of Maleic Anhydride by analyzing its manufacturers' location-based capacity.

3. PRODUCTION BY COMPANY

Study the historical annual production of Maleic Anhydride by the leading players and forecast how it will grow in the coming years.

4. DEMAND BY END- USE

Discover which end-user industry (Unsaturated Polyester Resin, 1,4-butandiol, Fumaric Acid, Lube Oil Additives, and Others) are creating a market and the forecast for the growth of the Maleic Anhydride market.

5. DEMAND BY REGION

Analyzing the change in demand of Maleic Anhydride in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

6. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell Maleic Anhydride. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

7. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or

deficiency of Maleic Anhydride.

8. COMPANY SHARE

Figure out what proportion of the market share of Maleic Anhydride is currently held by leading players across the globe.

9. PRICING ANALYSIS & FORECAST

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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