

Maleic Anhydride Market by Raw Material (n-butane, Benzene), Application (Unsaturated Polyester Resin (UPR), 1-4, Butanediol (BDO), Additives, Copolymers, and Others), End Use Industry (Construction, Automobile, Food and Beverage, Oil Products, Electronics, Personal Care, Pharmaceuticals, and Others), and Region 2025-2033

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Report description:

The global maleic anhydride market size reached USD 3.5 Billion in 2024. Looking forward, IMARC Group expects the market to reach USD 5.2 Billion by 2033, exhibiting a growth rate (CAGR) of 4.10% during 2025-2033. There are various factors that are driving the market, which include the rising adoption of vehicles due to their enhanced convenience, increasing production of agrochemicals such as herbicides and pesticides, and the thriving construction sector.

Maleic anhydride (C₄H₂O₃) is a highly reactive, colorless, and crystalline organic compound available in flake, briquette, pellet, and lump variants. It is produced by the oxidation of benzene or n-butane in the presence of vanadium oxide catalysts. Maleic anhydride is widely used in resins, coating, pharmaceuticals, surfactants, agricultural products, and plastics. It is also used in water treatment chemicals, paper sizing, artificial sweeteners, flavor enhancers, cosmetics, and lubricants. Maleic acid is a biodegradable compound with a pungent odor and excellent solubility in water and methanol. It improves mechanical strength, controls pH, enhances texture, and exhibits corrosion-resistant properties. As a result, maleic anhydride finds extensive applications across the construction, automotive, food and beverage (F&B), electronics, cosmetics, personal care, and pharmaceutical industry.

Maleic Anhydride Market Trends:

The rising product utilization in the construction industry is one of the primary factors creating a positive outlook for the market.

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Maleic anhydride is widely used to produce unsaturated polyester resin (UPR) that finds application in the manufacturing of tiles, building panels, reinforcements, household structure composites, countertops, tubs, and sinks due to its low price and fast curing time. In addition to this, the widespread product utilization as a protective coating for building sites and as a plasticizer in concrete to improve viscosity and pot life is acting as another growth-inducing factor. Furthermore, rising product adoption in the automotive industry to manufacture various composites, such as fenders, body panels, heat shields, grille opening reinforcement (GOR), pick-up boxes, and headlamp reflectors, is providing an impetus to the market growth. Along with this, increasing application of maleic anhydride to produce lubricant additives, such as pour point depressants, viscosity index improvers, and dispersants, is propelling the market growth. Additionally, the recent development of a new method to synthesize maleic anhydride using plate vanadium phosphorous oxide (VPO) catalyst and renewable feedstock chemicals, such as furfural, which provides better yield, improves selectivity, and minimizes adverse environmental impact is positively influencing the market growth. Moreover, the widespread product demand in the F&B industry as an artificial sweetener, flavor enhancer, and preservative and to produce various food additives, such as fumaric acid, succinic acid, and malic acid, is favoring the market growth. Other factors, including escalating product demand in the pharmaceutical industry, rising product utilization in manufacturing cosmetics, and increasing product demand for producing insecticides and fungicides, are anticipated to drive market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global maleic anhydride market, along with forecasts at the global, regional, and country level from 2025-2033. Our report has categorized the market based on raw material, application, and end use industry.

Raw Material Insights:

n-butane
Benzene

The report has also provided a detailed breakup and analysis of the maleic anhydride market based on the raw material. This includes n-butane and benzene. According to the report, n-butane represented the largest segment.

Application Insights:

Unsaturated Polyester Resin (UPR)
1-4, Butanediol (BDO)
Additives
Copolymers
Others

A detailed breakup and analysis of the maleic anhydride market based on the application has been provided in the report. This includes unsaturated polyester resin (UPR), 1-4, butanediol (BDO), additives, copolymers, and others. According to the report, unsaturated polyester resin (UPR) accounted for the largest market share.

End Use Industry Insights:

Construction
Automobile
Food and Beverage
Oil Products

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Electronics
Personal Care
Pharmaceuticals
Others

A detailed breakup and analysis of the maleic anhydride market based on the end use industry has been provided in the report. This includes construction, automobile, food and beverage, oil products, electronics, personal care, pharmaceuticals, and others. According to the report, construction accounted for the largest market share.

Regional Insights:

North America
United States
Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets that include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific was the largest market for maleic anhydride. Some of the factors driving the Asia Pacific maleic anhydride market include rapid industrialization, increasing automotive production, rising demand from end user industries, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global maleic anhydride market. Detailed profiles of all major companies have also been provided. Some of the companies covered include Helm AG, Huntsman Corporation, INEOS Group Limited, Lanxess AG, Merck KGaA, Mitsubishi Chemical Corporation, MOL Group, Nan Ya Plastics

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Corporation, Ningbo Jiangning Chemical Co. Ltd., Nippon Shokubai Co. Ltd., Polynt S.p.A, Thirumalai Chemicals Limited, Tianjin Bohai Chemical Industry Group Supply and Sales Co. Ltd., Zibo Qixiang Tengda Chemical Co. Ltd., etc.

Key Questions Answered in This Report:

How has the global maleic anhydride market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global market?

What is the impact of each driver, restraint, and opportunity on the global market?

What are the key regional markets?

Which countries represent the most attractive market?

What is the breakup of the market based on the raw material?

Which is the most attractive raw material in the market?

What is the breakup of the market based on the application?

Which is the most attractive application in the market?

What is the breakup of the market based on the end use industry?

Which is the most attractive end use industry in the market?

What is the competitive structure of the market?

Who are the key players/companies in the global maleic anhydride market?

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