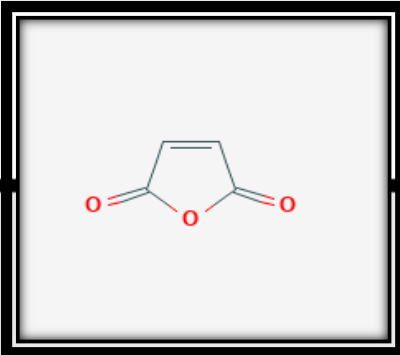




Maleic Anhydride

Maleic Anhydride Manufacturing Business.

Commercial Production of Maleic Anhydride.

Highly Profitable Chemical Business Ideas

Introduction

Maleic anhydride is an organic compound with the formula $C_4H_2O_3$. It is the acid anhydride of maleic acid. Maleic anhydride is a colorless white solid which has a pungent odor. Maleic anhydride is produced by vapor-phase oxidation of n-butane and is biodegradable under aerobic conditions in sewage sludge as well as in soil and water. Maleic anhydride is a precursor to compounds, used for water treatment, detergents, insecticides and fungicides, pharmaceuticals, and other copolymers. It is also used in personal care products, and as artificial sweeteners and flavor enhancer in the food industry.



Maleic anhydride is a colorless or white solid with an acrid odor. Maleic anhydride is a very versatile molecule that lends itself to many applications requiring a number of properties and functionalities. With three active sites (two carboxyl groups and one double bond), it is an excellent joining and cross linking agent. Its major end use, representing well over half of global demand, is in the manufacture of unsaturated polyester resins, where its cross-linking abilities are important.



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Maleic anhydride is used widely as there has been a change in the preference towards stronger and lighter fiberglass composite materials in construction, aerospace, automotive, and turbine industries. It is used in the production of gamma-butyrolactone, 1, 4-butanediol, and tetrahydrofuran.

Maleic anhydride is used in the production of unsaturated polyester resin as well as in the manufacture of coatings, pharmaceuticals, agricultural products, surfactants, and as an additive of plastics.

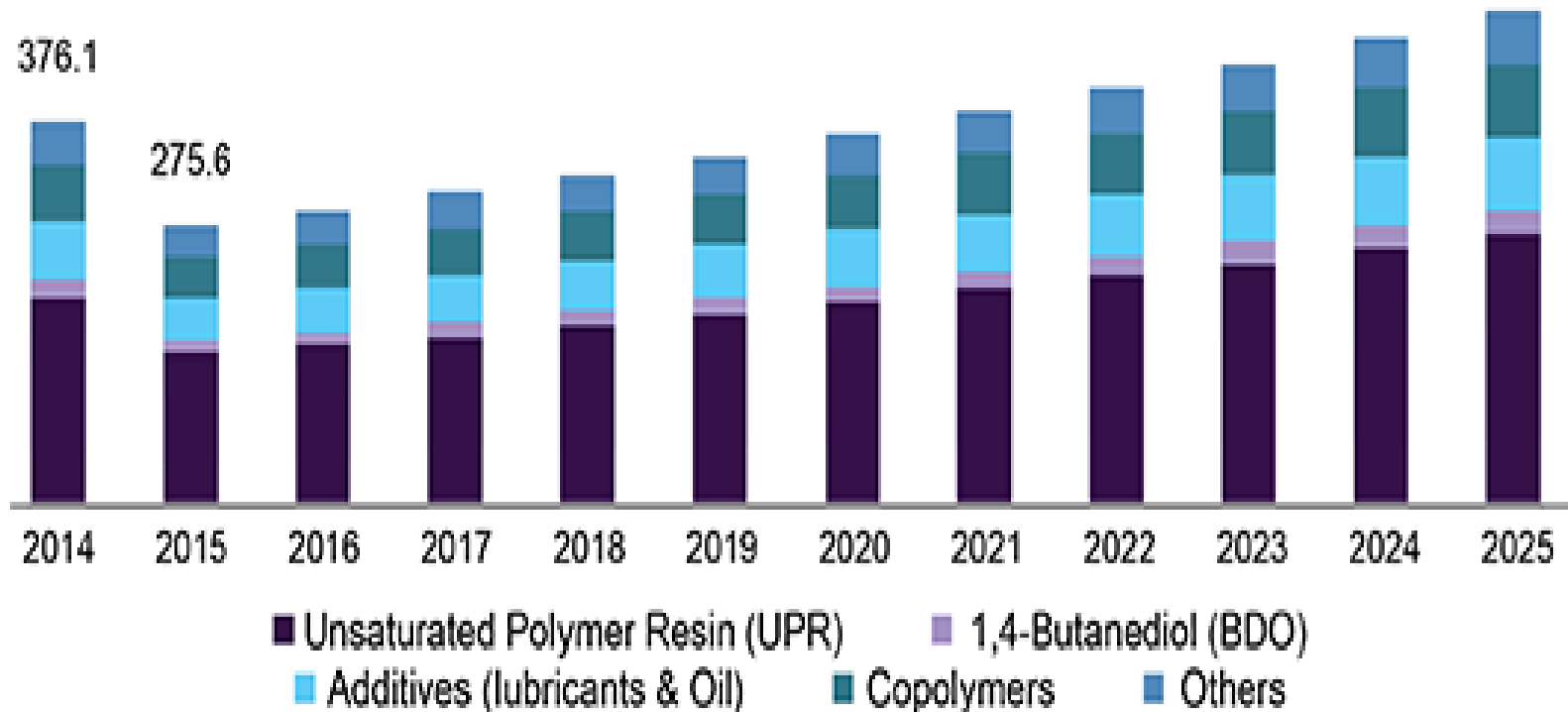
A wide range of applications in lubricant, fuel oil, automotive, aerospace, turbine, and construction industries are driving the global market for Maleic Anhydride. Maleic Anhydride is the principal ingredient in unsaturated polyester resins which is used to make lighter, stronger and fiberglass, the most preferred product in various industries.

Market Outlook

The global maleic anhydride market size was valued at USD 2.77 billion in 2018 and is projected to expand at a CAGR of 6.7% from 2019 to 2025. Increasing demand for Unsaturated Polyester Resins (UPR) and 1,4-Butanediol (BDO) are expected to augment market growth over the forecast period.

Increasing demand for maleic anhydride based unsaturated polyester from automobile and construction industries is a major factor expected to drive growth of the global maleic anhydride market over the forecast period. In addition, growing demand for maleic anhydride based 1, 4-butanediol from textile industry, is another factor expected to fuel growth of the target market during the forecast period.

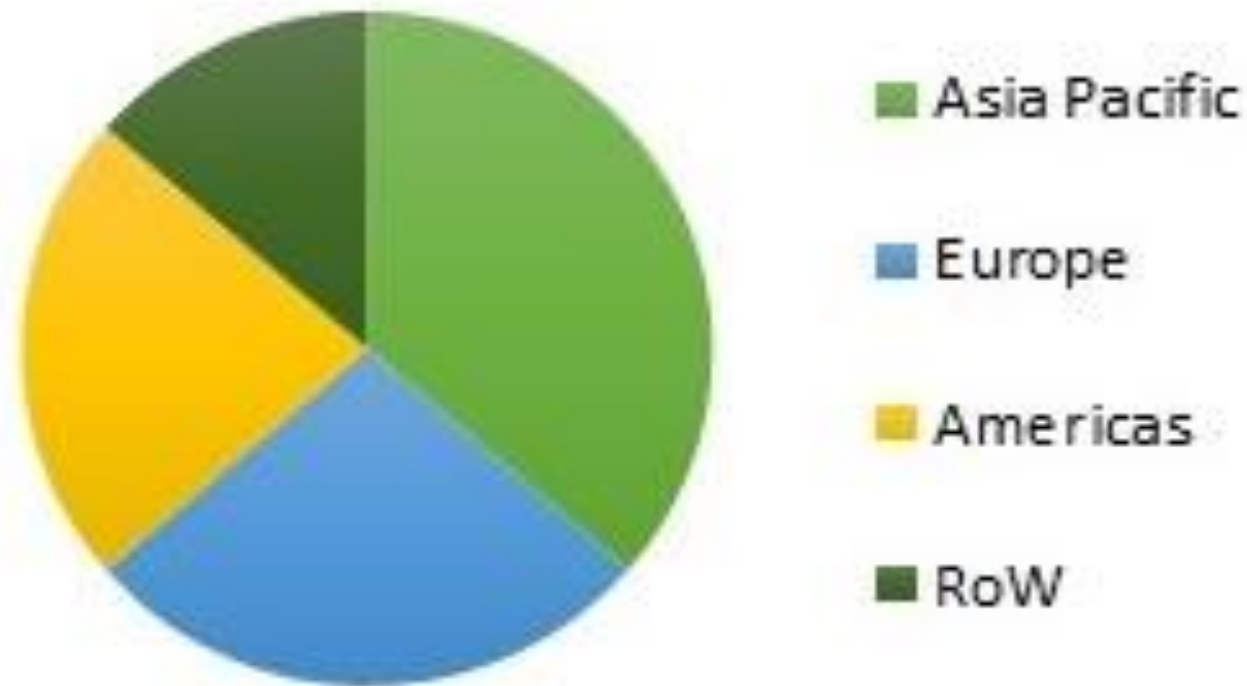
U.S. Maleic Anhydride Market Size, By Application, 2014-2025 (USD Million)



Rapid Industrialization and Growth in construction is driving the global Maleic Anhydride Market. The escalating growth in construction industry mainly in developing countries is expected to drive the growth of the unsaturated polyester resins. This, in turn, raises the demand for Maleic Anhydrides. This is mainly because of the use of unsaturated polyester resins in heat-resistant pipes and tanks in buildings and other structures. The increasing demand for automobiles due to rapid industrialization is also driving the global order.

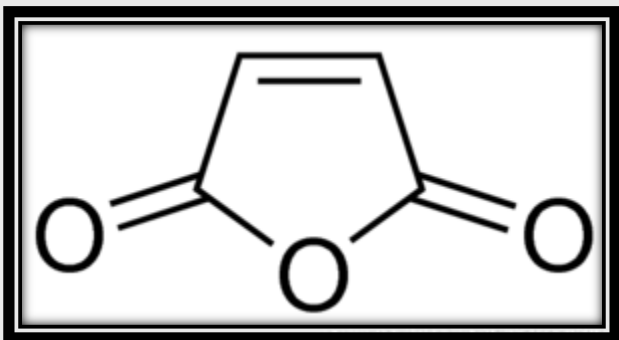
Asia-Pacific is leading the global Maleic Anhydride Market with a market share of approximately 40%, followed by North America. Rapid growth in building & construction and automotive industries which are the primary end users of the product and enormous growth opportunities for various sectors in this region are favoring it to lead the global market.

Maleic Anhydride Market Revenue, By Geography (%)



Application-wise, the maleic anhydride market can be segmented into unsaturated polyester resin (UPR), copolymers, lubricant additives, alkenyl succinic anhydrides, malic acid, fumaric acid, and others. UPR segment, as of 2017, is dominating the market, whereas copolymers are expected to record the fastest growth rate during the forecast period.

A key driver for the global maleic anhydride market is the increase in demand from developing countries. Strong contributions from developing economies such as India, China, Brazil, Mexico, and Indonesia have been contributing to the growth of the global maleic anhydride market.



This has resulted in several maleic anhydride vendors shifting their manufacturing activities to these countries. In addition, factors such as easy availability of raw materials and land, low-cost labor, low transportation costs, and lenient government regulations and policies are augmenting market growth in the APAC region.

Top Leading Companies are: Huntsman Corporation, Changzhou Yabang Chemical, Zibo Qixiang Tengda Chemical, Lanxess AG, Polynt Spa, Ashland Inc., Flint Hills Resources, Nippon Shokubai Co., Ltd, Mitsubishi Chemical Corporation, Bartek Ingredients Inc, China National Bluestar (Group) Co., Ltd., Thirumalai Chemicals Ltd., Other Manufacturers, Etc.

Maleic Anhydride

Major Queries/Questions Answered in the Report?

- 1. What is Maleic Anhydride Manufacturing industry ?**
- 2. How has the Maleic Anhydride Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of Maleic Anhydride Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Maleic Anhydride Manufacturing plant ?**

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- 5. What is the structure of the Maleic Anhydride Manufacturing Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Maleic Anhydride Manufacturing Business?**
- 7. What are the operating costs for setting up Maleic Anhydride Manufacturing plant ?**
- 8. What are the machinery and equipment requirements for setting up Maleic Anhydride Manufacturing plant ?**

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Maleic Anhydride Manufacturing plant ?**
- 10. What are the requirements of raw material for setting up Maleic Anhydride Manufacturing plant ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up Maleic Anhydride Manufacturing Business?**
- 12. What is the Manufacturing Process of Maleic Anhydride?**

- 13. What is the total size of land required for setting up Maleic Anhydride Manufacturing plant ?**
- 14. What will be the income and expenditures for Maleic Anhydride Manufacturing Business?**
- 15. What are the Projected Balance Sheets of Maleic Anhydride Manufacturing plant ?**
- 16. What are the requirement of utilities and overheads for setting up Maleic Anhydride Manufacturing plant?**
- 17. What is the Built up Area Requirement and cost for setting up Maleic Anhydride Manufacturing Business?**

18. What are the Personnel (Manpower) Requirements for setting up Maleic Anhydride Manufacturing Business?

19. What are Statistics of Import & Export for Maleic Anhydride?

20. What is the time required to break-even of Maleic Anhydride Manufacturing Business?

21. What is the Break-Even Analysis of Maleic Anhydride Manufacturing plant?

22. What are the Project financials of Maleic Anhydride Manufacturing Business?

- 23. What are the Profitability Ratios of Maleic Anhydride Manufacturing Project?**
- 24. What is the Sensitivity Analysis-Price/Volume of Maleic Anhydride Manufacturing plant?**
- 25. What are the Projected Pay-Back Period and IRR of Maleic Anhydride Manufacturing plant?**
- 26. What is the Process Flow Sheet Diagram of Maleic Anhydride Manufacturing project?**

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- 28. What is the Market Study and Assessment for setting up Maleic Anhydride Manufacturing Business?**
- 29. What is the Plant Layout for setting up Maleic Anhydride Manufacturing Business?**

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- **Miscellaneous Items and Accessories**
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- **Electrification, Electric Load and Water**
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Tags

#Maleic_Anhydride, #Manufacture_of_Maleic_Anhydride, #Maleic_Anhydride_Manufacture, #Maleic_Anhydride_(MA)_Production_and_Manufacturing_Process, #Production_of_Maleic_Anhydride, #Commercial_Production_of_Maleic_Anhydride, Maleic Anhydride Production, #Maleic_Anhydride_Production_Process, Production Process of Maleic Anhydride, Maleic Anhydride Uses, Maleic Anhydride Manufacture, Maleic Anhydride Uses and Applications, Maleic Anhydride Manufacturing Process, #Manufacturing_Process_of_Maleic_Anhydride, Process For Preparing Maleic Anhydride, Process for Production of Maleic Anhydride, Maleic Anhydride Production Business, Maleic Anhydride Manufacturing Plant, Maleic Anhydride Process Flow Diagram, Maleic Anhydride Industry, Maleic Anhydride Manufacture in India, Maleic Anhydride Business, Start a Maleic Anhydride Manufacturing Business, Detailed Project Report on Maleic Anhydride Production, #Project_Report_on_Maleic_Anhydride_Production, Highly Profitable Chemical Business Ideas, Small Scale Chemical Business Ideas & Opportunities, Chemical Business Opportunities, How to Start a Chemical Industry, Chemical Business Ideas for Aspiring Entrepreneurs, Chemical Industry, Starting a Chemical Business, Commercial Production of Chemicals, Chemical Industry Projects, Starting Your Own Chemical Business, Chemical Compound, Industrial Chemical Manufacturing Business, Lucrative Chemical Business Ideas & Opportunities, Business Ideas for Chemical Industry, How to Start a Chemical Business? Pre-Investment Feasibility Study on Maleic Anhydride Production, Techno-Economic feasibility study on Maleic Anhydride Production, #Feasibility_report_on_Maleic_Anhydride_Production, Free Project Profile on Maleic Anhydride Production, Project profile on Maleic Anhydride Production, Download free project profile on Maleic Anhydride Production

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