

Green Polyol & Bio Polyol Market by Type (Polyester & Polyether), Application (Rigid/flexible PU Foam, Coating, Adhesive & Sealant), End-user (Construction, Transportation, Packaging, Furniture & Carpet) & Geography - Global Trends & Forecasts 2018

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Abstracts

The report on green & bio polyols captures its global market by volume and revenue. The global market for green & bio polyols is growing at a rapid pace with most of the major markets in a phase of active growth. The demand for green & bio polyols is driven by end-user industries such as construction, transportation, furniture/bedding, carpet, packaging, etc. Currently, the content of green & bio polyols in polyurethanes and CASE products ranges from 5.0% to 15.0%.

This percentage is increasing owing to the following factors:

Strict environmental norms and favorable regulations encourage manufacturers to increase green & bio polyol content in their products

Increasing prices of conventional polyols due to increasing crude oil prices

Abundant supply of raw materials (natural oils and polyurethanes/PET waste)

Higher sustainability due to lower carbon footprint

About the market

The global market for green & bio polyol has grown significantly during the last few

years and it is expected to grow at a rapid pace in the next five years, mainly driven by a growing consumption in the Asia-Pacific region.

Currently, North America is the largest market for green & bio polyols followed by Europe, Asia-Pacific, and ROW. In addition, Europe is currently the largest importer of green & bio polyols. The consumption trend is expected to change by 2018. Asia-Pacific with a forecasted consumption of 363.9 kilotons by 2018 will be the second largest consumer of green & bio polyols with Europe relegated behind Asia-Pacific. It was observed that manufacturers prefer to establish manufacturing facilities in proximity of raw material source; thus, securing an uninterrupted supply of raw materials.

This report aims to estimate the global market for green & bio polyols for 2013 and to project the expected demand of the same by 2018. This market research study provides a detailed qualitative and quantitative analysis of the global green & bio polyol market. It provides a comprehensive review of major market drivers, restraints, opportunities, winning imperatives, challenges, and key issues in the market. Opportunities for new entrants in light of market forces such as consumers' bargaining strength, raw material sourcing, and market penetration threshold are analyzed using Porter's model. The global green & bio polyol market is segmented into four major geographies. These are North America, Europe, Asia-Pacific, and ROW. The major markets in these geographies such as the U.S., France, Germany, U.K., China, Japan, Malaysia, India, and Brazil are estimated and forecasted. The market is also segmented by various applications of green & bio polyols. Various secondary sources, such as encyclopedia, directories, and databases to identify & collect information useful for this extensive commercial study of green & bio polyol market, have been used. The primary sources—experts from related industries and suppliers have been interviewed to obtain & verify critical information as well as to assess the future prospects of green & bio polyols.

The competitive scenarios of the top players in the green & bio polyol market are discussed in detail. We have also profiled leading players of this industry with their recent developments and other strategic industry activities. These include: BASF SE (Germany), The DOW Chemical Company (U.S.), Cargill Inc. (U.S.), Mitsui Chemicals (Japan), Petopur GmbH (Germany), Rampf Ecosystems (Germany), Emery Oleochemicals (H) SDN BHD (Malaysia), etc.

Scope of the report: This research report categorizes the global market for green & bio polyols based on types, applications end-user and geography; forecasting volumes and revenues in each of the submarkets.

On the basis of applications: The green & bio polyol market is segmented on the basis of industry application as polyurethane foams (flexible & rigid), coatings, adhesives, sealants, and others. Each application is further described in detail in the report with volume and revenue forecast for each application.

On the basis of end-user industry: The green & bio polyol market is segmented on the basis of end-user industry consumers such as construction, transportation, packaging, furniture/bedding, carpet, etc. The report describes each of the aforementioned applications in detail with their respective volumes and revenues estimated and forecasted till 2018.

On the basis of geography: The global green & bio polyol market is segmented into four geographies; North America, Europe, Asia-Pacific, and ROW. Key countries include the U.S., Germany, France, U.K., China, Japan, South Korea, and Brazil.

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About

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Higher sustainability due to lower carbon footprint

The global market for G&B polyol is broken down into four major geographies. These are North America, Europe, Asia-Pacific, and ROW. The market for G&B polyol in major countries in these geographical regions is estimated, analyzed, and forecasted.

The G&B polyol are further broken down into two major types depending on its physical and chemical properties. These are polyester polyols and polyether polyols. The major applications such as polyurethane foams (rigid & flexible) and CASE are analyzed and forecasted by volume and revenue. The major end-user industry consumption such as construction, transportation, furniture/bedding, packaging, and carpet, is estimated, analyzed and forecasted by volume and revenue.

The report provides a comprehensive review of market drivers, restraints, opportunities, challenges, and key issues in the market. The top players of the industry are profiled in detail with their recent developments and other strategic industry activities.

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