

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Green Chemicals Market 2018, Forecast to 2023

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Abstracts

Green chemicals or bio-based chemicals are renewable chemicals produced from bio-based feedstock. They are less harmful to the environment than the petroleum-based production of chemicals. Green chemicals are produced primarily using raw materials, which uses fewer natural resources, maintaining the environmental balance. The major bio-based raw materials used in the production of green chemicals are vegetable oils, animal fats, sugar and starch, and bio-ethanol.

Scope of the Report:

This report focuses on the Green Chemicals in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes The market based on manufacturers, regions, type and application. Various government initiatives and regulations create a conducive environment for growth of the green chemicals market. The US Environment Protection Agency (EPA), and the ACS Green Chemistry Institute are playing major role in supporting research and education for preventing pollution and reducing the toxic content. These government agencies have recognized that the use of green chemicals will not only make sustainable, and cleaner environment, but can be economically helpful in building positive social environment.

According to ACS Green Chemistry Institute, in many key applications, the green chemicals are paving their way in replacing many toxic chemicals. In the manufacturing of computer chips, a large amount of toxic chemicals, energy, and water is required. Owing to this, the scientists at the Los Alamos National Laboratory have developed a technology that uses critical carbon dioxide (CO₂) in the manufacturing of computer chips, and has significantly reduced the amount of energy, water, and toxic chemicals

that were needed to manufacture these chips. Also, Richard Wool, who was the director of the Affordable Composites from Renewable Sources (ACRES) program at the University of Delaware has developed a technique to use the feathers of chicken in producing computer chips. He has used the protein, and keratin containing in the feathers to produce a fiber form material which is both lightweight, and is so tough that it can endure thermal, and mechanical stresses. As a result, a feather-based printed circuit board was developed and was actually working at double the speed of conventional circuit boards.

The worldwide market for Green Chemicals is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

BioAmber

Braskem

Cargill

DSM

DuPont Industrial Biosciences

INEOS Group

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Bio-Ethanol

Sugar & Starch

Animal Fats

Vegetable Oils

Others

Market Segment by Applications, can be divided into

Healthcare Industries

Food Processing Industries

Construction Industries

Automobiles Industries

There are 15 Chapters to deeply display The global Green Chemicals market.

Chapter 1, to describe Green Chemicals Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Green Chemicals, with sales, revenue, and price of Green Chemicals, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show The global market by regions, with sales, revenue and market share of Green Chemicals, for each region, from 2013 to 2018;

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Chapter 5, 6, 7, 8 and 9, to analyze The market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show The market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Green Chemicals market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Green Chemicals sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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