

Sustainable Chemicals Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Products (Bio-Alcohols, Bio-Organic Acids, Bio-Ketones, Bio-Polymers, Others), By Application (Industrial & Chemicals, Pharmaceuticals, Construction, Packaging, Automotive, Others), By Region and Competition, 2020-2030F

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Report description:

Market Overview

The Global Sustainable Chemicals Market will grow from USD 80.54 Billion in 2024 to USD 121.96 Billion by 2030 at a 7.16% CAGR. Sustainable chemicals are compounds designed, manufactured, and utilized to minimize environmental impact, reduce reliance on finite resources, and mitigate pollution, often employing eco-friendly processes and renewable feedstocks. The market for these chemicals is experiencing expansion driven by increasing consumer demand for environmentally responsible products, coupled with stringent environmental regulations and policies promoting sustainable alternatives.

Key Market Drivers

Growing consumer demand for eco-friendly products significantly propels the global sustainable chemicals market. As environmental awareness rises, consumers increasingly prioritize goods with reduced ecological footprints, driving manufacturers across various sectors to seek sustainable chemical alternatives for their production processes and final products. This shift reflects a fundamental change in purchasing behavior.

Key Market Challenges

A significant challenge impeding the expansion of the global sustainable chemicals market is the ongoing uncertainty and complexity within regulatory frameworks. This lack of harmonized criteria for sustainable chemistry definitions and standards directly hinders innovation and widespread market adoption. Businesses face substantial efforts to align with evolving guidelines, which complicates strategic planning and investment decisions for new sustainable chemical products and processes.

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Key Market Trends

The widespread adoption of bio-based feedstocks and products represents a fundamental shift in the sustainable chemicals market, moving away from fossil resources towards renewable alternatives. This trend is driven by a growing imperative to reduce carbon footprints and enhance resource circularity across value chains. According to European Bioplastics, in December 2024, global bioplastics production capacity was projected to significantly increase from 2.47 million tons in 2024 to approximately 5.73 million tons by 2029, indicating a substantial industrial commitment to bio-based materials.

Key Market Players

- [] CJ Biomaterials, Inc.
- [] Novozymes A/S
- [] LanzaTech Global, Inc.
- [] Mitsubishi Chemical Corporation
- [] TotalEnergies Corbion B.V.
- [] Vertec BioSolvents, Inc.
- [] GFBiochemicals Ltd.
- [] Eastman Chemical Company
- [] Arkema Group
- [] Braskem SA

Report Scope:

In this report, the Global Sustainable Chemicals Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

- [] Sustainable Chemicals Market, By Products:

- o Bio-Alcohols
- o Bio-Organic Acids
- o Bio-Ketones
- o Bio-Polymers
- o Others

- [] Sustainable Chemicals Market, By Application:

- o Industrial & Chemicals
- o Pharmaceuticals
- o Construction
- o Packaging
- o Automotive
- o Others

- [] Sustainable Chemicals Market, By Region:

- o North America
 - [] United States
 - [] Canada
 - [] Mexico
- o Europe
 - [] France
 - [] United Kingdom
 - [] Italy
 - [] Germany
 - [] Spain
- o Asia Pacific
 - [] China
 - [] India

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- Japan
- Australia
- South Korea
- o South America
- Brazil
- Argentina
- Colombia
- o Middle East & Africa
- South Africa
- Saudi Arabia
- UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the Global Sustainable Chemicals Market.

Available Customizations:

Global Sustainable Chemicals Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

-□Detailed analysis and profiling of additional market players (up to five).

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