

# Global Bio-based Isododecane Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Bio-based Isododecane market size is expected to reach \$ 474 million by 2032, rising at a market growth of 60.6% CAGR during the forecast period (2026-2032).

The isododecane is a strongly branched hydrocarbon from the substance group of alkanes with the molecular formula C<sub>12</sub>H<sub>26</sub>. It is a mixture of different isomers of dodecane, usually with the main isomer 2,2,4,6,6-pentamethylheptane accounting for more than 80%, which produces an excellent skin texture due to its strong branching. The low viscosity, density and relative volatility give the products good spreadability and smoothness in cosmetics etc industry application. Bio-based isododecane or renewable Isododecane is a form of isododecane derived from renewable biological resources, opposed to fossil fuels, as an alternative to traditional petroleum-derived chemicals.

The cosmetics industry is heavily investing in more organic and plant-based personal care solutions in response to a strong consumer demand for more sustainable products and safe ingredients. After all, skin lotions, shower gels and shampoos are not only used on a daily basis, but are also used directly on our skin. The EU is taking action to regulate the use of certain materials, such as critical silicone compounds.

This report studies the global Bio-based Isododecane production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Bio-based Isododecane and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Bio-based Isododecane that contribute to its increasing demand across many markets.

## Highlights and key features of the study

Global Bio-based Isododecane total production and demand, 2021-2032, (Tons)

Global Bio-based Isododecane total production value, 2021-2032, (USD Million)

Global Bio-based Isododecane production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Bio-based Isododecane consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Bio-based Isododecane domestic production, consumption, key domestic manufacturers and share

Global Bio-based Isododecane production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Bio-based Isododecane production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Bio-based Isododecane production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Bio-based Isododecane market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Global Bioenergies, Haltermann Carless, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Bio-based Isododecane market

## Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

#### Global Bio-based Isododecane Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Bio-based Isododecane Market, Segmentation by Type:

100% bio-based

Others

#### Global Bio-based Isododecane Market, Segmentation by Application:

Cosmetics

Personal Care

Biofuel

## Companies Profiled:

Global Bioenergies

Haltermann Carless

## Key Questions Answered:

1. How big is the global Bio-based Isododecane market?
2. What is the demand of the global Bio-based Isododecane market?
3. What is the year over year growth of the global Bio-based Isododecane market?
4. What is the production and production value of the global Bio-based Isododecane market?
5. Who are the key producers in the global Bio-based Isododecane market?
6. What are the growth factors driving the market demand?

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