

# Global Disilicon Hexahydride Supply, Demand and Key Producers, 2024-2030

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## Abstracts

The global Disilicon Hexahydride market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

Disilicon hexahydride is a toxic compound with the molecular formula  $\text{Si}_2\text{H}_6$  that is gaseous at room temperature. Its properties are very similar to those of ethane, and both are colorless and flammable gases, but its silicon-silicon bond is weaker than the carbon-carbon bond of ethane, so it is less stable than ethane. Disilanes are generally a good source of hydrogen, which can be obtained by simple chemical reactions. In addition, it can also be used to prepare pure silicon by thin film deposition, which is one of the important special electronic grade gases in the semiconductor industry.

This report studies the global Disilicon Hexahydride production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Disilicon Hexahydride, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Disilicon Hexahydride that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Disilicon Hexahydride total production and demand, 2019-2030, (Tons)

Global Disilicon Hexahydride total production value, 2019-2030, (USD Million)

Global Disilicon Hexahydride production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Disilicon Hexahydride consumption by region & country, CAGR, 2019-2030 & (Tons)

U.S. VS China: Disilicon Hexahydride domestic production, consumption, key domestic manufacturers and share

Global Disilicon Hexahydride production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Tons)

Global Disilicon Hexahydride production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Disilicon Hexahydride production by Application production, value, CAGR, 2019-2030, (USD Million) & (Tons).

This reports profiles key players in the global Disilicon Hexahydride 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 Mitsui Chemicals, Air Liquide, Taiwan Speciality Chemicals Corporation, SK Materials, Matheson, REC Silicon and Anhui Argosun, 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 Disilicon Hexahydride 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 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Disilicon Hexahydride Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Disilicon Hexahydride Market, Segmentation by Type

Above 99.998%

Below 99.998%

#### Global Disilicon Hexahydride Market, Segmentation by Application

Semiconductor

Solar

#### Companies Profiled:

Mitsui Chemicals

Air Liquide

Taiwan Speciality Chemicals Corporation

SK Materials

Matheson

REC Silicon

Anhui Argosun

### Key Questions Answered

1. How big is the global Disilicon Hexahydride market?
2. What is the demand of the global Disilicon Hexahydride market?
3. What is the year over year growth of the global Disilicon Hexahydride market?
4. What is the production and production value of the global Disilicon Hexahydride market?
5. Who are the key producers in the global Disilicon Hexahydride market?

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