

# Global Semiconductor Special Gases Market Growth 2023-2029

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## Abstracts

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The global Semiconductor Special Gases market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Semiconductor Special Gases is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Semiconductor Special Gases is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Semiconductor Special Gases is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Semiconductor Special Gases players cover SK Materials (SK specialty), Merck (Versum Materials), Taiyo Nippon Sanso, Linde plc, Kanto Denka Kogyo, Hyosung, PERIC, Showa Denko and Mitsui Chemical, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

Specialty Gases for Semiconductor range from the pyrophoric and/or toxic specialty gases required for thin film deposition and doping processes (ammonia, methane, silane, germane, dichlorosilane, silicon tetrachloride, phosphine, diborane, arsine and others) through the reactive and corrosive gases needed in different etch processes (chlorine, fluorine, halocarbons, nitrogen trifluoride, etc.). The atmospheric gases (oxygen, hydrogen, nitrogen, argon and helium) are not covers in this report.

LPI (LP Information)' newest research report, the “Semiconductor Special Gases Industry Forecast” looks at past sales and reviews total world Semiconductor Special Gases sales in 2022, providing a comprehensive analysis by region and market sector of projected Semiconductor Special Gases sales for 2023 through 2029. With Semiconductor Special Gases sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Semiconductor Special Gases industry.

This Insight Report provides a comprehensive analysis of the global Semiconductor Special Gases landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Semiconductor Special Gases portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Semiconductor Special Gases market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Semiconductor Special Gases and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Semiconductor Special Gases.

This report presents a comprehensive overview, market shares, and growth opportunities of Semiconductor Special Gases market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Nitrogen Trifluoride

Silicon-Precursor Gases

Fluoroalkane

Ammonia

Others

### Segmentation by application

Consumer Electronics

Automotive Electronics

Networking & Communications

Others

### This report also splits the market by region:

#### Americas

United States

Canada

Mexico

Brazil

#### APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

SK Materials (SK specialty)

Merck (Versum Materials)

Taiyo Nippon Sanso

Linde plc

Kanto Denka Kogyo

Hyosung

PERIC

Showa Denko

Mitsui Chemical

ChemChina

Shandong FeiYuan

Guangdong Huate Gas

Central Glass

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Semiconductor Special Gases market?

What factors are driving Semiconductor Special Gases market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Semiconductor Special Gases market opportunities vary by end market size?

How does Semiconductor Special Gases break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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