

# Global BOE Etchant Market Growth 2023-2029

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## Abstracts

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BOE Etchant or Buffered oxide etch (BOE), is a wet etchant used in microfabrication. Its primary use is in etching thin films of silicon dioxide (SiO<sub>2</sub>) or silicon nitride (Si<sub>3</sub>N<sub>4</sub>). It is a mixture of a buffering agent, such as ammonium fluoride (NH<sub>4</sub>F), and hydrofluoric acid (HF). Concentrated HF (typically 49% HF in water) etches silicon dioxide too quickly for good process control and also peels photoresist used in lithographic patterning. Buffered oxide etch is commonly used for more controllable etching.

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

This Insight Report provides a comprehensive analysis of the global BOE Etchant 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 BOE Etchant portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global BOE Etchant market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for BOE Etchant 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 BOE Etchant.

The global BOE Etchant 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 BOE Etchant 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 BOE Etchant 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 BOE Etchant is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key BOE Etchant players cover Stella Chemifa, Zhejiang Kaisn, FDAC, Zhejiang Morita, Soulbrain, KMG Chemicals, Jiangyin Jianghua, Suzhou Crystal Clear Chemical and Fujian Shaowu Yongfei, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

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

Market Segmentation:

Segmentation by type

BOE 6:1

BOE 7:1

Others

Segmentation by application

Semiconductor

Flat Panel Display

Solar Energy

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.

Stella Chemifa

Zhejiang Kaisn

FDAC

Zhejiang Morita

Soulbrain

KMG Chemicals

Jiangyin Jianghua

Suzhou Crystal Clear Chemical

Fujian Shaowu Yongfei

Suzhou Boyang Chemical

Jiangyin Runma

Puritan Products(Avantor)

Columbus Chemical Industries

Transene Company

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global BOE Etchant market?

What factors are driving BOE Etchant market growth, globally and by region?

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

How do BOE Etchant market opportunities vary by end market size?

How does BOE Etchant break out type, application?

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

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