

BOE Buffered Oxide Etchants Market, Global Outlook and Forecast 2022-2028

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Abstracts

Buffered oxide etch (BOE), also known as buffered HF or BHF, is a wet etchant used in microfabrication. Its primary use is in etching thin films of silicon dioxide (SiO₂) or silicon nitride (Si₃N₄). It is a mixture of a buffering agent, such as ammonium fluoride (NH₄F), 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.

This report contains market size and forecasts of BOE Buffered Oxide Etchants in global, including the following market information:

Global BOE Buffered Oxide Etchants Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global BOE Buffered Oxide Etchants Market Sales, 2017-2022, 2023-2028, (MT)

Global top five BOE Buffered Oxide Etchants companies in 2021 (%)

The global BOE Buffered Oxide Etchants market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

BOE 6:1 Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of BOE Buffered Oxide Etchants include Stella Chemifa, Zhejiang Kaisn, FDAC, Zhejiang Morita, Soulbrain, KMG Chemicals, Jiangyin Jianghua, Suzhou Crystal Clear Chemical and Fujian Shaowu Yongfei, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the BOE Buffered Oxide Etchants manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global BOE Buffered Oxide Etchants Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (MT)

Global BOE Buffered Oxide Etchants Market Segment Percentages, by Type, 2021 (%)

BOE 6:1

BOE 7:1

Others

Global BOE Buffered Oxide Etchants Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (MT)

Global BOE Buffered Oxide Etchants Market Segment Percentages, by Application, 2021 (%)

Semiconductor

Flat Panel Display

Solar Energy

Others

Global BOE Buffered Oxide Etchants Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (MT)

Global BOE Buffered Oxide Etchants Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies BOE Buffered Oxide Etchants revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies BOE Buffered Oxide Etchants revenues share in global market, 2021 (%)

Key companies BOE Buffered Oxide Etchants sales in global market, 2017-2022

(Estimated), (MT)

Key companies BOE Buffered Oxide Etchants sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

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

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