

# Global Gadolinium Oxysulfide Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Gadolinium Oxysulfide market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Gadolinium oxysulfide ( $Gd_2O_2S$ ), also called gadolinium sulfoxylate, GOS or Gadox, is an inorganic compound, a mixed oxide-sulfide of gadolinium. The main use of gadolinium oxysulfide is in ceramic scintillators. Scintillators are used in radiation detectors for medical diagnostics. The scintillator is the primary radiation sensor that emits light when struck by high energy photons.  $Gd_2O_2S$  based ceramics exhibit final densities of 99.7% to 99.99% of the theoretical density (7.32 g/cm<sup>3</sup>) and an average grain size ranging from 5 micrometers to 50 micrometers in dependence with the fabrication procedure.

This report studies the global Gadolinium Oxysulfide production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Gadolinium Oxysulfide, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Gadolinium Oxysulfide that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Gadolinium Oxysulfide total production and demand, 2018-2029, (Tons)

Global Gadolinium Oxysulfide total production value, 2018-2029, (USD Million)

Global Gadolinium Oxysulfide production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Gadolinium Oxysulfide consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Gadolinium Oxysulfide domestic production, consumption, key domestic manufacturers and share

Global Gadolinium Oxysulfide production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Gadolinium Oxysulfide production by Purity, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Gadolinium Oxysulfide production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Gadolinium Oxysulfide 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 Lorad Chemical Corporation ., American Elements, Pharmonco Limited, Edgetech Industries, Aritech Chemazone Pvt Ltd., Star Earth Minerals Pvt., Avalon Advanced Materials and Shanghai Longjin Metallic Material Co., Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Gadolinium Oxysulfide market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/kg) by manufacturer, by Purity, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the

forecast year.

#### Global Gadolinium Oxysulfide Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Gadolinium Oxysulfide Market, Segmentation by Purity

Above 99%

0.99

#### Global Gadolinium Oxysulfide Market, Segmentation by Application

Medical Equipment

Chemical

#### Companies Profiled:

Lorad Chemical Corporation .

American Elements

Pharmonco Limited

Edgetech Industries

Aritech Chemazone Pvt Ltd.

Star Earth Minerals Pvt.

Avalon Advanced Materials

Shanghai Longjin Metallic Material Co., Ltd.

### Key Questions Answered

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

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