

Global Lithium Sulfides Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Lithium Sulfides market size is expected to reach \$ 51 million by 2029, rising at a market growth of 34.0% CAGR during the forecast period (2023-2029).

The global key manufacturers of lithium sulfides include Lorad Chemical, Albemarle, AMG Lithium, Materion, Hubei Xinrunde, and others. The top five producers have a total market share of 50%, with the largest producer being Lorad Chemical with a 15% share. Global origins are mainly located in North America, Europe, China, Japan, etc., with North America being the largest production region with a share of about 40%. In terms of product categories, 99.9% purity holds the majority of the market share with 75% and 99.99% purity with 25%. In terms of application, sulfide solid electrolyte is the number one application with over 85% market share.

Lithium sulfide is the inorganic compound with the formula Li_2S . It crystallizes in the antifluorite motif, described as the salt $(\text{Li}^+)_2\text{S}^{2-}$. It forms a solid yellow-white deliquescent powder. In air, it easily hydrolyses to release hydrogen sulfide (rotten egg odor).

Lithium sulfide (Li_2S) is a product specially designed for the use in high performance batteries which can be either applied as electrode material or as precursor for solid electrolytes. At present, many applications of lithium sulfide in lithium batteries are still in the stage of R & D and testing.

This report studies the global Lithium Sulfides production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Lithium

Sulfides, 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 Lithium Sulfides that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Lithium Sulfides total production and demand, 2018-2029, (Kg)

Global Lithium Sulfides total production value, 2018-2029, (USD Million)

Global Lithium Sulfides production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Lithium Sulfides consumption by region & country, CAGR, 2018-2029 & (Kg)

U.S. VS China: Lithium Sulfides domestic production, consumption, key domestic manufacturers and share

Global Lithium Sulfides production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Kg)

Global Lithium Sulfides production by Purity, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Lithium Sulfides production by Application production, value, CAGR, 2018-2029, (USD Million) & (Kg).

This reports profiles key players in the global Lithium Sulfides 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, Albemarle, AMG Lithium, Materion, Stanford Advanced Materials (Oceania International), Ganfeng Lithium Co, Hubei Xinrunde, Hangzhou Kaiyada and Chengdu Hipure, 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 Lithium Sulfides market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kg) 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 Lithium Sulfides Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Lithium Sulfides Market, Segmentation by Purity

99.9%

99.99%

Global Lithium Sulfides Market, Segmentation by Application

Sulfide Solid Electrolytes

Lithium-sulfur Batteries Electrodes

Companies Profiled:

Lorad Chemical

Albemarle

AMG Lithium

Materion

Stanford Advanced Materials (Oceania International)

Ganfeng Lithium Co

Hubei Xinrunde

Hangzhou Kaiyada

Chengdu Hipure

Key Questions Answered

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

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