

# Global Liquid Sulphur Dioxide Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-Use, Sales Channel, Regional Demand, Company Share, 2015-2032

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## Abstracts

The global Liquid Sulphur Dioxide market experienced a demand of approximately 1000 thousand tonnes in 2021 and is anticipated to grow at a CAGR of 6.27% during the forecast period until 2032.

Sulphur Dioxide is a transparent gas with a pungent smell. It has a chemical formula of  $\text{SO}_2$ . It is generated as a byproduct of copper extraction, combustion of sulphur-containing fossil fuels, and volcanic eruptions naturally emit it. This gas can be turned into liquid  $\text{SO}_2$  by various processes like Partial Condensation, Compression and Condensing, Absorption and Acidification, and Sulphur Trioxide and Sulphur. In the Compression and Condensing process, Pure Sulphur Dioxide will condense at  $-10.1$  degree Celsius at atmospheric pressure. Moreover, at a pressure of 388 kPa(g) and temperature of 32.2 degrees Celsius, this gas will start to condense. This temperature allows  $\text{SO}_2$  to be condensed using ordinary cooling water.

Sulfur dioxide is a common additive in the food and beverage sectors because of its abilities as an antioxidant and preservative in a range of foods, including shrimp, pickled foods, and especially dried fruit. Sodium hydrosulfite, which is utilized mainly as a bleaching agent in the textile and pulp and paper industries and in the production of other chemicals, is synthesized from Sulphur dioxide. One of the most extensive applications of Liquid Sulphur Dioxide is producing Sulphuric Acid. Sulphuric Acid has various applications, such as for the production of fertilizers, paints, pigments, medications, explosives, cleaners, mineral salts, and acids, and the purpose of petroleum refining and metallurgical operations.

The Food & Beverages sector primarily drives the global Liquid Sulphur Dioxide market. In addition to organic expansions, increasing food sector demand owing to the growing population is anticipated to substantially impact Sulphur dioxide market growth in the forthcoming years. Moreover, it is expected that the ever-increasing use of sulphur dioxide in the pulp and paper industry will propel the expansion of the sulphur dioxide market. These factors are anticipated to swell the global Liquid Sulphur Dioxide demand in the forecast period to reach approximately 2000 thousand tonnes by 2032.

Based on region, the Asia Pacific dominates the Liquid Sulphur Dioxide market as a consumer. In 2021, this region consumed about 50% of the market's significant consumption. Due to the growing population, the food and beverages in countries are anticipated to rise, resulting in creating higher demand for Liquid Sulphur Dioxide in the forecast period. Furthermore, the growing demand of paper products as a consequence of the growing economy is anticipated to swell the Liquid Sulphur Dioxide demand by 2032. Europe is the second largest consumer of Liquid Sulphur Dioxide. Based on production, the USA is taking the lead all across the globe. In 2021, the USA produced more than 60% of the global Liquid Sulphur Dioxide.

Based on the end-user industry, the global Liquid Sulphur Dioxide market is divided into Food & Beverages, Pulp and paper, Process Chemical, and Others. The Food & Beverages sector is the leading segment, with approximately 35% of the market. Process Chemical and Pulp and paper industries are also prominent consumers of Liquid Sulphur Dioxide.

Major players in the production of Global Liquid Sulphur Dioxide are INEOS CALABRIAN, Vale INCO, Boliden harjavalta Oy, Marsulex Inc., Republic Group (Olin), PVS Chemicals, NEAT, Marsulex Inc., Metorex Limited, Goro Nickel S.A.S., and Votorantim Metais.

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2032

### Objective of the Study:

To assess the demand-supply scenario of Liquid Sulphur Dioxide which covers production, demand and supply of Liquid Sulphur Dioxide market in the globe.

To analyze and forecast the market size of Liquid Sulphur Dioxide

To classify and forecast Global Liquid Sulphur Dioxide market based on end-use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of Liquid Sulphur Dioxide market in the globe.

To extract data for Global Liquid Sulphur Dioxide market, primary research surveys were conducted with Liquid Sulphur Dioxide manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for Global Liquid Sulphur Dioxide market over the coming years.

ChemAnalyst calculated Liquid Sulphur Dioxide demand in the globe by analyzing the historical data and demand forecast which was carried out considering the production of raw material to produce Liquid Sulphur Dioxide. ChemAnalyst sourced these values from industry experts and company representatives and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

### Key Target Audience:

Liquid Sulphur Dioxide manufacturers and other stakeholders

## Organizations, forums and alliances related to Liquid Sulphur Dioxide distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as Liquid Sulphur Dioxide manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years (next two to five years), thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

### Report Scope:

In this report, Global Liquid Sulphur Dioxide market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-use: Food & Beverages, Pulp and paper, Process Chemical, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa, and South America.

### Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

## Contents

### **1. CAPACITY BY COMPANY**

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Liquid Sulphur Dioxide.

### **2. CAPACITY BY LOCATION**

To better understand the regional supply of Liquid Sulphur Dioxide by analyzing its manufacturers' location-based capacity.

### **3. PRODUCTION BY COMPANY**

Study the historical annual production of Liquid Sulphur Dioxide by the leading players and forecast how it will grow in the coming years.

### **4. DEMAND BY END- USE**

Discover which end-user industry (Food & Beverages, Pulp and paper, Process Chemical, and Others) are creating a market and the forecast for the growth of the Liquid Sulphur Dioxide market.

### **5. DEMAND BY REGION**

Analyzing the change in demand of Liquid Sulphur Dioxide in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

### **6. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)**

Multiple channels are used to sell Liquid Sulphur Dioxide. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

### **7. DEMAND-SUPPLY GAP**

Determine the supply-demand gap to gain information about the trade surplus or

deficiency of Liquid Sulphur Dioxide.

## **8. COMPANY SHARE**

Figure out what proportion of the market share of Liquid Sulphur Dioxide is currently held by leading players across the globe.

## **9. PRICING ANALYSIS & FORECAST**

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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