

Brazil Dust Control or Suppression Chemicals Market Size and Forecasts (2020 - 2030), Global and Regional Share, Trends, and Growth Opportunity Analysis By Chemical Type (Lignin Sulfonate, Calcium Chloride, Magnesium Chloride, Asphalt Emulsions, Oil Emulsions, Polymeric Emulsions, and Others) and End-Use Industry (Mining, Construction, Oil & Gas, Food & Beverage, Textile, Glass & Ceramics, Pharmaceuticals, and Others)

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Abstracts

The Brazil dust control or suppression chemicals market accounted for US\$ 48.36 million in 2022 and is expected to reach US\$ 66.73 million by 2030; the market is estimated to record a CAGR of 4.1% from 2022 to 2030.

The utilization of dust control or suppression chemicals is majorly driven by their application in construction sites, mining operations, road maintenance, and industrial facilities. Dust suppression chemicals are used on construction sites to reduce dust emissions and help improve the air quality of nearby areas. In mining operations, it is used to reduce dust emissions from haul roads, stockpiles, and other sources. This helps to protect the health of workers and reduce health risks. In addition, dust suppression chemicals are also used in a variety of other applications, such as reducing dust emissions from industrial facilities, controlling dust from demolition sites, preventing dust storms, and improving air quality in urban areas. Further, the prevalence of the mining industry and growing construction activities in Brazil are expected to drive the Brazil dust control or suppression chemicals market growth. Construction and infrastructure development is a significant factor contributing to the rising demand for

dust suppression chemicals. The Government of Brazil has taken a massive privatization initiative through the pipeline of concession auctions and regulatory reforms to attract financing for the development of its infrastructure sector. Further, the mining industry is one of the significant revenue-generating industries in Brazil. According to the International Trade Administration, Brazil generated 62% higher revenue from the mining sector in 2021 compared to 2020. Brazil is among the top iron ore, manganese, bauxite, and tantalite producers. The country's mining sector includes gold, kaolin, nickel, coal, and phosphates reserves. All these factors are positively influencing the Brazil dust control or suppression chemicals market growth.

Based on the end-use industry, the Brazil dust control or suppression chemicals market is segmented into mining, construction, oil & gas, food & beverage, textile, glass & ceramics, pharmaceuticals, and others. The mining segment accounted for the largest Brazil dust control or suppression chemicals market share in 2022. Dust suppression chemicals are used in mining to reduce the amount of dust formation. Dust control or suppression chemicals are used on a variety of surfaces in mining operations, such as haul roads, stockpiles, blasting sites, and conveyor belts. Airborne dust generation during mining negatively affects the health of miners, leading to respiratory problems, pneumoconiosis, and other allergies. Dust suppression in mining operations offers several benefits, such as improved air quality, reduced environmental impact, increased equipment lifespan, and overall mining safety. Water spray systems, suppression chemicals, misting systems, and ventilation systems are among the several dust control or suppression systems widely used in mining operations. Further, construction is another major end-use industry for the dust control or suppression chemicals market in Brazil. Dust control or suppression chemicals can be applied to a variety of surfaces in construction sites, including unpaved roads, demolition sites, excavation, and stockpiles. Dust suppression systems offer several benefits, such as improved worker health, increased safety, and reduced environmental impact. Automatic dust suppression systems such as misting cannons and water sprays are effective as dust control systems in the construction industry. Furthermore, Dust suppression chemicals are applied to a variety of surfaces, including unpaved roads, well sites, pipelines, and storage facilities in the oil & gas industry. Pipeline construction and maintenance generate a significant amount of dust, whereas drilling and completion operations in the well sites can also significantly contribute to dust formation. Manufacturers in the oil & gas industry adhere to Occupational Safety and Health Administration standards to maintain a safe working environment for all employees.

Beneficent Technology Inc., Veolia Environnement SA, Ecolab Inc., Quaker Chemical Corp, Dow Inc., BASF SE, Solenis LLC, and Borregaard ASA are a few of the players

operating in the Brazil dust control or suppression chemicals market. Players operating in the market focus on providing high-quality products to fulfill customer demand. Also, they focus on adopting various strategies such as new product launches, capacity expansion, partnerships, and collaborations to stay competitive in the market.

The overall Brazil dust control or suppression chemicals market size has been derived using both primary and secondary sources. To begin the research process, exhaustive secondary research has been conducted using internal and external sources to obtain qualitative and quantitative information related to the market. Also, multiple primary interviews have been conducted with industry participants to validate the data and gain more analytical insights into the topic. The participants of this process include industry experts such as VPs, business development managers, market intelligence managers, and national sales managers—along with external consultants such as valuation experts, research analysts, and key opinion leaders—specializing in the Brazil dust control or suppression chemicals market.

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