

Market Analysis on Lithium Carbonate market, Dry Ice market and Wedge Wire Screen market forecasted till 2030

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SEATTLE , WASHINGTON, USA, June 30, 2023 /EINPresswire.com/ -- Executive Summary:

The global Lithium Carbonate market is anticipated to witness robust growth during the forecast period 2023-2030. The increasing demand for electric vehicles and the rising adoption of renewable energy sources are driving the demand for lithium carbonate. The Asia-Pacific region is expected to dominate the market due to the high production of lithium-ion batteries and supportive government initiatives. The global Lithium Carbonate market size is projected to reach USD 9.30 billion by 2030, growing at a CAGR of 16.80% from 2023-2030. The major players in the market include SQM, Albemarle Corporation, Tianqi Lithium, FMC Corporation, and Sichuan Western Resources.

The global lithium carbonate market is highly consolidated and dominated by a few major players such as SQM, Albemarle, FMC, Orocobre, Nordic Mining, Tianqi Lithium, Ganfeng Lithium, Ruifu Lithium, Weihua, QingHai Salt Lake Industry, Yahua, Palith, and Tibet Mineral Development. These companies are engaged in the production and supply of lithium carbonate products across the world.

In terms of sales revenue figures for 2019, Albemarle generated approximately \$3.7 billion, while SQM reported revenues of \$2.1 billion. FMC reported revenues of \$4.4 billion, while Orocobre's revenues were \$100 million. Ganfeng Lithium reported revenues of \$1.4 billion, and Tianqi Lithium generated approximately \$1.8 billion.

Lithium Carbonate is a popular compound used in various applications such as batteries and ceramics. There are two main categories of Lithium Carbonate; Industrial grade and Battery grade. Industrial grade Lithium Carbonate is commonly used in the manufacturing of ceramics, glass, and aluminum products. On the other hand, battery grade Lithium Carbonate is of higher purity and is specifically designed for use in rechargeable batteries. This type of Lithium Carbonate is crucial for the production of electric vehicles and other various electronic devices.

Lithium Carbonate (Li_2CO_3) has various applications in different sectors. The most prominent

application of Lithium Carbonate is in batteries. It is used as a key component in manufacturing rechargeable batteries for laptops, cell phones, tablets, and other electronic devices. The second most significant application of Lithium Carbonate is in glass and ceramics, where it is used as a fluxing agent. It lowers the melting point of silica, thereby reducing the energy required during manufacturing. In the medical sector, Lithium Carbonate is a treatment for bipolar disorder and depression. It is also an excellent lubricant and metallurgical tool for making lithium alloys and welding. The fastest-growing application segment of Lithium Carbonate in terms of revenue is batteries because of the growing demand for electronic devices worldwide.

Asia Pacific is expected to dominate the lithium carbonate market, followed by North America and Europe. The report estimates that the Asia Pacific region will hold more than 50% of the lithium carbonate market share, with China being the largest consumer and producer of lithium carbonate.

In terms of market share percentage valuation, the report estimates that Asia Pacific will hold a share of around 52-53%, North America around 20-22%, and Europe around 18-19%. Other regions such as Latin America, Middle East & Africa, and Oceania are also expected to contribute to the global lithium carbonate market growth.

Overall, the increasing demand for lithium carbonate in various industries such as batteries, ceramics, glass, and pharmaceuticals is driving the market growth. The growing adoption of electric vehicles and renewable energy storage systems is also fueling the demand for lithium carbonate.

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Executive Summary

The global dry ice market is extremely competitive with several players operating in the industry. The increasing use of dry ice in various industries such as healthcare, food and beverages, and pharmaceuticals is driving the market growth. The market size is expected to reach USD 86.00 billion in 2030, growing at a CAGR of 4.23% from 2023 to 2030. The report provides a comprehensive analysis of the market size, trends, growth opportunities, and challenges faced by key players. Some of the major players in the market include Linde plc, Praxair Technology, Inc., Tripti Gases Pvt. Ltd., and Air Liquide S.A.

The dry ice market is highly competitive, with the presence of several key players. The top players in the market include Linde, Air Liquide, Messer Group, SOL Group, Taiyo Nippon Sanso, Polar Ice, Air Products (ACP), and Hunan Kaimeite Gases.

These companies use the dry ice market to meet the increasing demand for frozen food products, transportation, and storage of perishable items. These companies help to grow the dry ice market by developing and introducing new products, investing in research and development, and expanding their distribution channels.

In terms of sales revenue, Linde reported a revenue of \$28.2 billion in 2020, while Air Liquide reported a revenue of €20.5 billion (\$24.8 billion). Messer Group reported a revenue of €2.8 billion (\$3.4 billion) in 2020. SOL Group reported a revenue of €1.48 billion (\$1.8 billion) in 2020. Taiyo Nippon Sanso reported a revenue of ¥412.6 billion (\$3.8 billion) in 2020.

Dry ice is a solid form of carbon dioxide that is commonly used as a cooling and freezing agent. It is available in two types: Food Grade dry ice and Industrial Grade dry ice. Food Grade dry ice is manufactured under strict guidelines and is used for food preservation and cooling. Industrial Grade dry ice is used for various applications like blasting, cleaning, and medical transportation.

Dry ice finds application in various sectors such as food and beverage, industrial cleaning, entertainment industrial, and others. In the food and beverage industry, dry ice is used to transport and store frozen goods such as ice cream, seafood, and meats, as it helps to maintain the temperature and prevent spoilage. In industrial cleaning, dry ice blasting is used to clean industrial equipment and machinery without using water, thereby reducing downtime. In the entertainment industry, dry ice is used for creating special effects and fog.

The North American region is expected to dominate the Dry Ice market during the forecast period. It is estimated to have a market share of over 40% in terms of value. The growth drivers for the North American region include the increasing applications of Dry Ice in the food industry, the growing demand for Dry Ice blasting technology, and the high adoption rate of Dry Ice cleaning in various industries.

Europe is also expected to hold a significant market share in the Dry Ice market, with a market share of approximately 25%. The growth is attributed to the increasing demand for Dry Ice in the transportation industry, where it is used in refrigerated trailers, dry ice boxes, and in-flight catering.

The Asia Pacific region is also projected to witness significant growth in the Dry Ice market during the forecast period. It is expected to hold a market share of around 20%. The growth is attributed to the increasing demand for Dry Ice in the healthcare sector, where it is used to transport temperature-sensitive pharmaceuticals.

Other regions like the Middle East and Africa, and Latin America are also expected to witness steady growth in the Dry Ice market, with a market share of around 10% each. The growth is associated with the increasing adoption of Dry Ice in industrial cleaning applications and the growing use of Dry Ice in the Oil and Gas industry.

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Executive Summary

The global Wedge Wire Screen market is expected to reach USD 971.10 million by 2030, growing at a CAGR of 3.70% between 2023 and 2030. The market is driven by the increasing demand from municipal and industrial applications such as water treatment and filtration. The Asia-Pacific region is expected to lead the market during the forecast period due to the increasing investments in infrastructure development and the growth of the water and wastewater treatment industry. The market is highly competitive with several major players such as AMACS, Aqseptence Group, Atlas Wedge Wire, and Hendrick Manufacturing Company, among others dominating the market.

The Wedge Wire Screen Market is highly competitive and is dominated by several established players. These companies are continuously investing in research and development to provide innovative and high-quality products and services. Some of the leading players in the market are Aqseptence Group, Costacurta S.p.A., Gap Technology, Progress Eco, Wedge Tech, HEIN, LEHMANN, Multotec, Trislot NV, TOYO SCREEN KOGYO CO, Optima International, YT Process Engineering (YTPE), Steinhaus GmbH, Hendrick Screen Company, AMACS, Carbis Filtration, Concord Screen, B. Deo-Volente, Ando Screen, ANDRITZ Euroslot, International Screen Supplies, CP Screens, and Jagtap Engineering.

Sales revenue figures of a few of the above-listed companies are as follows:

1. Costacurta S.p.A. - €111.3 million in 2020
2. Aqseptence Group - \$539 million in 2020
3. Progress Eco - PLN 137.1 million in 2020

Wedge wire screens are used in various industries for filtration and screening purposes. These screens are made of wedge wire, which is a V-shaped wire welded to a support rod. There are several types of wedge wire screens available in the market, including flat type, cylinder type, basket type, sieve bend type, and others.

Flat type wedge wire screens are used for applications such as liquid-solid separation, gas-solid separation, and sizing. Cylinder type wedge wire screens are used for screening and filtration in sugar, paper, and chemical industries. Basket type wedge wire screens are used for pulp and paper manufacture, food, and chemical processing. Sieve bend type wedge wire screens are used for dewatering and classification in mining, mineral processing, and waste management. The other types of wedge wire screens include rotary drum screens, static sieve screens, and vibrating screens. The different types of wedge wire screens available in the market help in boosting the demand for these screens because they cater to the specific requirements of different industries.

Wedge wire screen has various applications in different industries including water treatment,

food and beverage, pulp and paper, mining and mineral, chemical and petrochemical, and others. In the water treatment industry, wedge wire screens are used for pre-treatment, filtration, and water intake screens. In food and beverage filtration, wedge wire screens are used for extracting juices, filtering sauces, and clarifying beer. In the pulp and paper industry, they are used for fiber retention screens and dewatering screens. In the mining and mineral industry, they are used for sizing ore, dewatering, and drain screens.

North America and Europe are also expected to hold a significant market share in the Wedge Wire Screen market, with an estimated market share of 30% and 20% respectively. The increasing demand for water and wastewater treatment plants, coupled with the rising adoption of advanced filtration technologies, is one of the key factors driving the growth of the market in these regions.

Other regions such as Latin America and the Middle East and Africa (MEA) are also expected to witness steady growth in the Wedge Wire Screen market, owing to the increasing demand for water treatment plants and rising investments in infrastructure development projects. The market share percent valuation for these regions is estimated to be around 5% and 7% respectively.

Click here for more information: <https://www.reportprime.com/wedge-wire-screen-r213>

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