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About the Book

The MENA calcium chloride market is expected to grow significantly owing to the recovery of the oil and gas industry where calcium chloride is used as completion fluids, drilling muds, and cementing operations.

Middle East & North Africa's calcium chloride market size reached USD 99.17 million in 2022 and is likely to reach USD 146.19 million by 2029, exhibiting a CAGR of 5.71% during the forecast period 2023 - 2029.

The increasing demand for calcium chloride in dust control and de-icing activities and the surging demand in the oil and gas industry in drilling fluids applications has highly influenced the growth of the calcium chloride market over the forecast period of 2023 – 2029. Additionally, the growing construction activities, increasing dust control regulations in the mining sector, and rising adoption in oil and gas well drilling represent some of the key factors driving the market. Further, the increasing adoption of calcium chloride in treating wastewater and reducing impurities from the water are fueling the growth of the MENA calcium chloride market in the forecast period.

There is a rise in the construction of roads, highways, pools, office buildings, malls, playing zones, and houses around MENA countries. In addition to this, the growing utilization of calcium chloride in the construction sector as a dust-controlling agent is positively influencing the market. Growing economy in MENA countries with road infrastructure under the government's focus on modernization since the last decade, which creates opportunities for the use of ice melter. Furthermore, the surge in the adoption of calcium chloride in waste treatment and the growing number of potential applications of calcium chloride in industries such as agriculture, water treatment, construction and animal sterilization will propel the growth opportunities for the calcium chloride market in the mentioned forecast period.

Product Type Overview in the MENACalcium Chloride Market

Based on product type, the Middle East & North African calcium chloride market is segmented into

Flakes 77%, Flakes 94%, Prills 94%, Pellets 94% and others. The Flakes 77% segment captured the largest market share, 29.86%, in 2022 and is expected to reach USD 42.30 million by 2029. This is attributed to growing demand for Flakes 77% for de-icing agents and dust management applications.

Form Overview in the MENACalcium Chloride Market

Based on form, the Middle East & North African calcium chloride market is segmented into Liquid, Hydrated Solid, and Anhydrous Solid. The liquid segment held the largest share, 40.08%, in the calcium chloride market in 2022. It is owing to liquid calcium chloride that up to 35% is used with rock salt for snow and ice control. Calcium chloride reduces the repetitive and frequent application of salt by 40%. It remains active for a longer duration, thereby preventing ice from bonding with pavement or road.

Application Overview in the MENACalcium Chloride Market

Based on application, Middle East & North African calcium chloride is segmented into de-icing, dust control and road stabilization, drilling fluids, construction, industrial processing and others. The de-icingsegment accounted for the largest revenue share, 27.15%, in 2022 and is anticipated to generate USD 38.57 Million by 2029. It is dye to calcium chloride used before a snow or ice storm prevents the snow and ice from accumulating on the road, thus making it easy to clear the road. It is used as a de-icing agent as it quickly melts snow and ice.

Raw MaterialOverview in the MENACalcium Chloride Market

Based on raw material, Middle East & North African calcium chloride is segmented into natural brine, solvay process (by-product), limestone and HCL, and others. The solvay process (by-product) segment accounted for the largest revenue share, 39.88%, in 2022 and is estimated to generate USD 56.87 Million by 2029. It is due to the solvay process synthesizes high-purity limestone and salt brine solution to yield soda ash and calcium chloride as final products.

Grade Overview in the MENACalcium Chloride Market

Based on grade, Middle East & North African calcium chloride is segmented into food grade, pharmaceutical grade, agriculture grade, and industrial grade. The industrial grade segmentcaptured the largest revenue share, 57.93%, in 2022 and is estimated to generate USD 84.00 Million by 2029. It is due to the industrial grade as calcium chloride is widely utilized in various industrial applications. Calcium chloride is employed in the oil and gas industry for manufacturing and maintaining oil and gas wells. In addition, the rising demand for calcium chloride in numerous drilling products, such as completion fluids, drilling muds, packer fluids, completion fluids, workover fluids, concrete accelerators, and hydraulic fracturing for preventing gas formation is bolstering the growth of the market.

Country Overview in the MENA Calcium Chloride Market

Based on the country, the MENA calcium chloride market is segmented into Saudi Arabia, UAE, Qatar, Kuwait, Egypt, Sudan, Algeria, Morocco, Israel, Oman and the Rest of MENA Countries. Egypt dominated the Middle East & North Africa calcium chloride market with a value share of 22.00% in 2022. It is due to rising product demand in the oil and gas industry, rise in population and disposable

incomes has been increasing the demand for food processing, and growing demand in wastewater treatment problems. In addition to this, the growing utilization of calcium chloride in the construction sector as a dust-controlling agent is positively influencing the market.

MENACalcium Chloride Market: Competitive Landscape

Sachlo, Oman Chlorine S.A.O.G, Khair Inorganic Chemical Industries Company – InoChem, Nama Chemicals Company, Jordan Abyad Fertilizers and Chemicals Company P.S.C (JAFCCO), KorumaKlor Alkali, TCI Sanmar Chemicals, Evergrow, Solvay SA, Chloran Chemical Production Co. (CCPC Group), Al Ghaith Industries, TETRA Technologies, Occidental Petroleum Corporation, and Others Prominent Playersare the key players in the MENACalcium Chloride market.

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