

Sodium Chloride Market Report by Source (Sea Water, Rock Salt, and Others), End-Use (Chemical Industry, Food Grade Salt, Road De-icing, and Others), and Region 2024-2032

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Abstracts

The global sodium chloride market size reached US\$ 29.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 34.2 Billion by 2032, exhibiting a growth rate (CAGR) of 1.7% during 2024-2032.

Sodium chloride, with the chemical formula NaCl, is an ionic compound representing a 1:1 ratio of sodium and chloride ions. Also commonly referred to as salt, table salt or common salt, sodium chloride is readily soluble in water. It appears as a white crystalline solid and acts as an emetic and a flame retardant. It is also essential in maintaining the electrolyte balance of fluids in a person's body. Moreover, the body requires NaCl to absorb and transport nutrients, maintain blood pressure levels and the right balance of fluid, transmit nerve signals, and contract and relax muscles. In recent years, there has been a significant rise in the usage of NaCl in various sectors such as animal feed, water and waste treatment, textiles and pharmaceuticals. It is also used to de-ice the streets and highways during heavy snowfall in the North American and European regions.

Sodium Chloride Market Trends:

The increasing applications of sodium chloride in diverse industries represent the primary factor bolstering the market growth. In the food sector, NaCl is mainly used for seasoning, coloring, curing meats and preserving fish. It helps to enhance the flavor, preserve foods, prevent spoilage and keep ready-to-eat meats and cheeses safe to eat. Salt is also used in the fermenting process for foods like sauerkraut, pickles and kefir. Besides this, it is utilized in catheter flush injections or intravenous infusions and for

cleaning objects such as contact lenses. NaCl is one of the essential chemicals used in the chemical industry, mainly for manufacturing caustic soda, sodium chlorite, ammonium chloride and sodium bicarbonate. In addition, a large quantity of sodium chloride is employed as feedstock in many industrial processes and for water softening purposes. These factors are expected to provide a positive thrust to the market growth in the near future.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global sodium chloride market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on source and end-use.

Breakup by Source:

Sea Water

Rock Salt

Others

Breakup by End-Use:

Chemical Industry

Food Grade Salt

Road De-icing

Others

Regional insights:

Asia

Europe

North America

South and Central America

Others

Competitive Landscape:

The competitive landscape of the market has been analyzed, with some of the key players being K+S Group, China National Salt Industry Group (CNSIG), Compass Minerals International, Inc, Cargill Corporation and Dampier Salt Limited (DSL).

The essential aspects of the global sodium chloride market evaluated in the report include:

Market trends

Major regions

Impact of COVID-19

Key end uses

Key manufacturers

Price trends

Raw material requirements

Chemical reactions involved in the manufacturing process

Major importers and exporters

Value chain analysis

Machinery Requirements

Key Questions Answered in This Report

1. What was the size of the global sodium chloride market in 2023?
2. What is the expected growth rate of the global sodium chloride market during 2024-2032?
3. What are the key factors driving the global sodium chloride market?
4. What has been the impact of COVID-19 on the global sodium chloride market?
5. What is the breakup of the global sodium chloride market based on the source?
6. What is the breakup of the global sodium chloride market based on the end-use?
7. What are the key regions in the global sodium chloride market?
8. Who are the key players/companies in the global sodium chloride market?

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