

United States Corrosion Inhibitors Market Size/Share To Surpass USD 11.33 billion by 2030: Exactitude Consultancy

Protecting Assets: Exploring Corrosion Inhibitors for Enhanced Durability, Safety, and Longevity Across Various Industries



Corrosion Inhibitors

with the market size (000000 – 0000000 00000 0000000 – 00\$ 0000000) and estimates for the duration 2023 to 2029. The growth in the market can be attributed to the development of biobased and more eco-friendly corrosion inhibitors. A gradual shift toward the development of



Corrosion Inhibitors Market: Growing demand driven by infrastructure development, industrial expansion, and maintenance requirements." Exactitude Consultancy environment-friendly corrosion inhibitors may potentially lead the market toward sustainable development and increase the acceptance of corrosion inhibitors among sustainable end users. A corrosion inhibitor functions by creating a barrier over the coated surface and preventing it from moisture, which is primarily the primary cause of erosion. The mechanisms of organic products include interfacial activity, anodic activity, cathodic activity, barrier activity, and adsorption activity.

The global corrosion inhibitors market size is projected to reach USD 11.33 billion by 2030 from USD 7.5 billion in 2023, at a CAGR of 4.7% from forecasted year 2023-2030.

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Increasing Industrialization in Developing Economies to encourage Corrosion Inhibitors Adoption

Infrastructural development in economies such as China, India, Brazil, and South Korea, are expected to undergo infrastructural development and boost industrial activities for the growth of their economies. Infrastructural growth related to electricity demand, clean water demand, fuel demand, transportation demand, and construction demand are expected to boost the market for corrosion inhibitors in the forthcoming years.

Increasing Demand for Treated Water in various End-Use Segments

Freshwater resources account for only 2.5% of the total water resources globally, which makes the supply of water for industrial and domestic consumption a tough challenge. The widening gap between the demand and supply of water makes it necessary to efficiently recycle it, which can be undertaken by treating it.

The corrosion inhibitor market is rapidly growing in water treatment sectors across the globe. Industrial manufacturers are the largest customers for corrosion inhibitors and seeking more effective inhibitors that will reduce downtime for equipment repair.

Need for eco-friendly Formulations to restrain Corrosion Inhibitors Uptake

Stringent environmental legislation are the primary factors inhibiting the growth of the corrosion inhibitor market. The growing concern of chemicals having an impact on the environment and health has led to stringent regulatory constraints for corrosion inhibitors manufacturers.

This influences the manufacturers to opt for non-toxic alternatives. The property of the non-toxic corrosion inhibitors formulations to perform under severe conditions makes it difficult for the manufacturers to provide a replacement for standard formulations.

Some of the important players in Corrosion Inhibitors market are:

BASF, Ecolab, GE, and Ashland accounting for less than half of the entire market share. DuPont, Dow, AkzoNobel, Champion Technologies, Daubert, Lubrizol, Eastman, Cytec, Dai-Ichi, Henkel, Halox, and Cortec and other.

Corrosion Inhibitors Market Segmentation:

This research report categorizes the Corrosion Inhibitors market into the following segments and

subsegments: Corrosion Inhibitors Market By Product, 2020-2030, (USD Million) (Kilotons) Organic Inorganic Corrosion Inhibitors Market By Application, 2020-2030, (USD Million) (Kilotons) Water Based Oil/Solvent Based Corrosion Inhibitors Market By End Use, 2020-2030, (USD Million) (Kilotons) Power Generation Oil & Gas Pulp & Paper Metals Processing Chemicals geographical region & continent Tunisia, Morocco, Germany, uk (UK), Holland, Spain, Italy, Belgium, Austria, Turkey, Russia, France, Poland, Israel, United Arab Emirates, Qatar, China, Japan, Taiwan, South Korea,

Asia Pacific held the largest market share of 36.3% in 2020 and is projected to be one of the fastest-growing markets in the near future. The growth in the market can be attributed to rapid industrialization in the region, which has triggered the demand from the power generation and several other end-use industries as well. The growing chemical and metalworking sectors in developing economies of the region, including India and China, are also projected to contribute significantly to the market in the near future.

Singapore, India and Australia etc.

Europe is one of the prominent consumers of corrosion inhibitors owing to the massive consumption of water for industrial sectors such as sugar and ethanol and petrochemical manufacturing. Water treatment issues in Europe hold a vital role in having a direct impact on the corrosion control operations, coupled with maintaining the operational integrity of heat transfer equipment and reducing the adverse effect on the energy efficiency of process units.

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- Comprehensive assessment of all opportunities and risk in the Corrosion Inhibitors market.
- Corrosion Inhibitors market recent innovations and major events.
- Detailed study of business approaches for the growth of the market-leading players.
- Conclusive study about the expansion plot of the market for forthcoming years.
- In-depth understanding of market-specific drivers, constraints and major mini-markets.
- Favorable impression inside vital technological and market latest trends striking the Corrosion Inhibitors market.

- (1) What was the size of the global Corrosion Inhibitors market in 2022?
- (2) What is the expected growth rate of the global Corrosion Inhibitors market during 2023-2028?
- (3) What are the key factors driving the global Corrosion Inhibitors market?
- (4) What has been the impact of COVID-19 on the global Corrosion Inhibitors market?
- (5) What are the key regions in the global Corrosion Inhibitors market?
- (6) Who are the key players/companies in the global Corrosion Inhibitors market?

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