



Procurement Resource Assesses the Production Cost of Hydrochloric Acid in its New Report

The new report by **Procurement Resource**, a global procurement research and consulting firm, looks in-depth into the costs involved in the [production of hydrochloric acid](#). The comprehensive report analyses the production cost of the material, covering the raw material costs and co-product credit, equipment costs, land and site costs, labour wages, maintenance costs, financing charges, and the depreciation costs. The extensive study describes the step wise consumption of material and utilities along with a detailed process flow diagram. The report also assesses the latest developments within the hydrochloric acid industry that might influence the costs of production, looking into the capacity expansions, plant turnarounds, and mergers, acquisitions, and investments.

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<https://www.procurementresource.com/cost-analysis/hydrochloric-acid-production-from-hydrogen-and-chloride>

Hydrochloric acid (HCl), variously known as muriatic acid, is a colourless inorganic chemical system. It is characterised by a pungent smell. Hydrochloric acid is a very strong acid, and it dissociates completely in an aqueous solution. It is a major part of the composition of gastric acid and has wide industrial use. Hydrochloric acid is used in steel processing industries and in the production of suspension bridges and cars and trucks. It is also used in the production of batteries, photoflash bulbs, and fireworks. It is even used to process sugar and make gelatin. It is an important component in household cleaners as well.

Some of the notable producers of hydrochloric acid are Akzo Nobel and Dow Chemical. The hydrochloric acid market is seemingly booming and is all set to grow further in the coming years. The food industry, specifically food ingredients and food additives industries, is expected to generate a healthy demand for hydrochloric acid in the near future. In the European market, the hydrochloric acid production is estimated to be higher in the third quarter of 2020. As the global lockdown due to the COVID pandemic has been eased, the upstream demand is on the verge of revival in the region. Whereas in the United States, due to sluggish demand, the production of hydrochloric acid is not expected to increase. Since the market is already witnessing an excess supply, with the acid produced as a by-product of other

chemical processes being pumped into the market at rates higher than the demand, many producers have deliberately reduced operating rates to balance out the demand-supply gap in the market. Such developments are expected to inform the production costs of hydrochloric acid.

Read the full production cost analysis report of hydrochloric acid @

<https://www.procurementresource.com/production-cost-report-store/hydrochloric-acid>

The [production cost report](#) by Procurement Resource assesses the production of hydrochloric acid via [hydrogen and chloride](#) and via [salt and sulphuric acid](#). In one of the commonly used methods, hydrogen and chlorine are obtained from the electrolysis of brine, then the combustion of hydrogen and chlorine is done, which is cooled afterward to produce hydrochloric acid. Through this process, hydrochloric acid of strength 32% – 33% is produced.

About Us:

Procurement Resource ensures that our clients remain at the vanguard of their industries by providing actionable procurement intelligence with the help of our expert analysts, researchers, and domain experts. Our team of highly seasoned analysts undertake extensive research to provide our customers with the latest and up-to-date market reports, cost-models, price analysis, benchmarking, and category insights, which aid in simplifying the procurement process for our clientele. We work with a diverse range of procurement teams across industries to get real-time data and insights that can be effectively implemented by our customers. We also track the prices and production costs of an extensive range of goods and commodities, thus, providing you with the updated and reliable data. We, at Procurement Resource, with the help of the latest and cutting-edge techniques in the industry, help our clients understand the supply chain, procurement, and industry climate, so that they can form strategies which ensure their optimum growth.

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