



SINCE 1885

SETH NANDRAM DAULATRAM BIYANI



# HYDROCHLORIC ACID

**SNDB IS THE LEADING EXPORTER OF HYDROCHLORIC  
ACID, EXPORTING OVER 3000 METRIC TONS OF IT EACH  
MONTH.**

*“Creating Chemistry between India and the World”*

# ABOUT HYDROCHLORIC ACID



Hydrochloric acid, also known as muriatic acid or spirits of salt, is an aqueous solution of hydrogen chloride with the chemical formula  $\text{HCl(aq)}$ .



It has an unmistakably strong odor and is colorless. It is categorized as a powerful acid.



In the digestive tracts of the majority of animal species, including humans, it is a part of the stomach acid.



A crucial industrial chemical and reagent for laboratories is hydrochloric acid.



# FEATURES & BENEFITS



## HIGH CORROSIVITY

HCl is a strong reducing acid, which makes it highly corrosive when in contact with most materials.



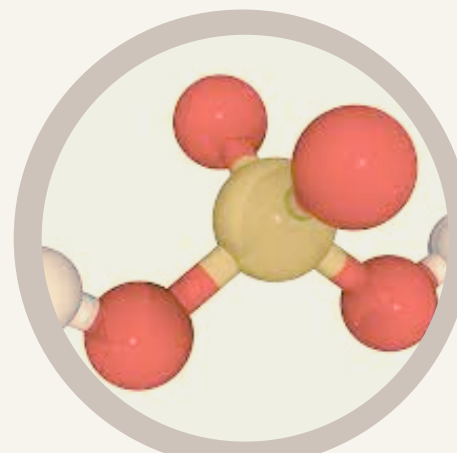
## CLEAR COLORLESS LIQUID

Coming up with the right name for your brand is not about fitting a singular, universal standard. That would be like holding sprinters & marathoners to the same standard of success when both athletes train for completely different races.



## STRONG MINERAL ACID

When you're naming a company, you want to inspire people. You want them to know what you stand for and what you do. You need a name that can give a quick snapshot of who you are, but also tell a story about your company's origin, mission, or values.



## MONOPROTIC

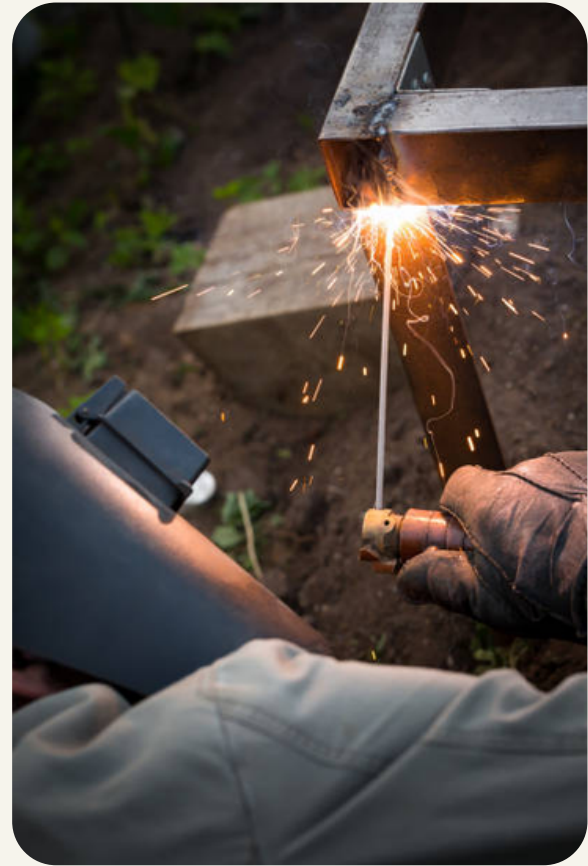
When you think about your brand, you should think about how you want to come across to customers right off the bat. What kind of first impression do you want to make? Are you a fun, carefree helper? Are you a reliable, trustworthy pillar?

# INDUSTRIAL APPLICATIONS

## STEEL PRESERVATION

Diluted hydrochloric acid effectively removes rust from iron pipes and machinery before coating, removing the iron oxide layer, resulting in a clear, smooth surface.

Water treatment facilities modify pH levels using diluted hydrochloric acid for industrial operations and food safety, ensuring suitable water quality.



## BATTERY RECHARGING

The acid separates to produce ions, called charge carriers, in a battery, which generate current by completing a circuit. When connected to a device or load, ions flow from the negative terminal to the positive terminal, creating electron flow and generating electric current.



# LABORATORY

Hydrochloric acid is a non-reactive, non-toxic, and stable chemistry reagent, ideal for acidifying and laboratory use. It is inexpensive and maintains concentrations over time.

Hydrochloric acid is preferred for titration, with strong titrants providing precise results, and used as a primary standard.



# METAL STAINS REMOVAL

Due to its high level of corrosiveness, hydrochloric acid can be used as a chemical to aid in the removal of metal spots or rust from metals like iron and copper. It is quite beneficial when diluted.



# PRODUCTION OF INORGANIC COMPOUNDS

Hydrochloric acid is used for the production of inorganic compounds used as chemicals for water treatment. For example, ferric acid, polyaluminium chloride(PAC), and aluminium carbonylate are used for water treatment.

It is specifically used to rinse the cations from the resins during the regeneration of ion exchange resins.



## PERFORMING AS A GASTRIC ACID

Hydrochloric acid has a very important part in gastric juice, and it helps digestion. Inactive pepsinogen in the stomach is converted into active pepsin by hydrochloric acid, which aids in digestion by rupturing the links between amino acids. Proteolysis is the action that causes this.

# SPECIFICATIONS

→ PRODUCT NAME : HYDROCHLORIC ACID 33%

→ TECHNICAL NAME : HYDROCHLORIC ACID

→ GRADE : TECHNICAL GRADE

Sr. No.	Parameter	Specification
1.	Appearance	Water White
2.	Total Acidity (as HCl, % by mass (Purity) at 27oC	33.00% min
3.	Specific Gravity (at 27oC)	1.17
4.	Free Chlorine	20 ppm max
5.	Iron Content (Fe) by mass	5 ppm max

# ABOUT US

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We are India's top Chemical Exporters and Suppliers of Organic and Inorganic Chemicals. We are well-known for our high-quality products and extremely competitive costs. Our company's products and services adhere to Internationally Accepted Standards. Our company is also ISO 9001:2008 certified.

SNDB targets India's potential as a major global chemical industry player, focusing on exporting and supplying chemicals under the slogan

**"CREATING CHEMISTRY BETWEEN INDIA AND THE WORLD."**

The company aims to help India realize its potential and dominate 80% of global chemicals traded and utilized.



SNDB delivers Indian chemicals globally, focusing on quality, efficient logistics, and business excellence.



Our excellence is achieved through quality, knowledge, leadership, collaboration, personal development, and recognition.



SNDB values integrity, reliability, and customer-centricity, prioritizing honesty, quality, and meeting customer needs in all departments and operations.



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