



Hydrochloric Acid

Hydrochloric acid is a colorless, transparent liquid with a pungent odor. It is a strong acid and an important laboratory reagent and industrial chemical.



SOME OF THE MAIN USES:

- refining metal
- processing steel
- production of organic compounds like vinyl chloride and dichloromethane for plastics or PVC
- prepare compounds that are used as water treatment chemicals such as polyaluminium chloride (PAC), iron (III) chloride, and an aluminium carbohydrate
- used as a chemical to remove stains or rust, especially from metals
- used for cleaning tiles in kitchens and bathrooms

chemical formula	HCl
melting point	Concentration-dependent
boiling point	Concentration-dependent
density	1.2 g/mL at 25 °C
Appearance	Colorless, transparent liquid
Molar mass	36.458 g/mol

