



# Technical Data Sheet

## Hydrochloric Acid 32-33%

Chemical formula	: HCl
Molecular weight	: 36.5
EC No.	: 231-595-7
CAS No.	: 7647-01-0

### General information:

HYDROCHLORIC ACID is a strong inorganic acid used for refining metal, pickling of steel, production of inorganic compound such as water treatment polymers, pH control, regeneration of ion exchanger, or heat exchangers cleaning among others. Is been widely used by the leather industry, as a household cleaner and the production of food ingredients.

### Specifications:

Appearance	Colorless to light yellow liquid
Odour	Pungent (irritating/strong)
pH	< 1 (in aqueous solution)
Vapour density	1.267 at 20°C
Relative density (specific gravity)	1.16

### Storage:

**Hydrochloric acid (HCl)** at a concentration of 32% is highly corrosive and hazardous. Here are some important safety guidelines for handling it:

1. **Protective Equipment:** Always wear the proper protective equipment when working with hydrochloric acid. This includes safety goggles, gloves, and appropriate clothing.
2. **Training:** Personnel should be properly trained in the handling of hydrochloric acid. Familiarize yourself with the Safety Data Sheet (SDS) for detailed information<sup>1</sup>.
3. **First Aid:** In case of contact with skin or eyes, follow first aid procedures. Rinse affected areas with water immediately and seek medical attention if necessary.
4. **Storage:** Store hydrochloric acid in a well-ventilated area away from incompatible materials. Proper storage is crucial to prevent accidents



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**Packaging:**

Hydrochloric Acid packed in 20-, 200- and 1000-liters containers.

**Important:**

For a better suitability of the product for your particular purpose, tests are recommended prior product use. You are advised to make your own determination as to safety, appropriate manner of handling, storage, use and disposal. All the information contained in this product technical sheet is offered for your consideration, investigation and verification. The data is presented in good faith and is believed to be reliable. You should not consider the descriptions, information, data or design as a part of our terms and conditions of sale. We expressly disclaim responsibility or liability for any loss, damage or expense arising out of reliance on the information provided herein.

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**Customer Service:**

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