

HCl

Hydrochloric Acid

CAS Number: 7647-01-0

Packing Group II

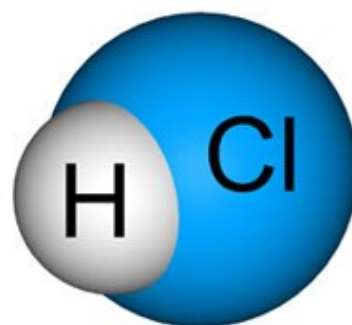
Packing Size: 1000L /1180 Kg

Density (p): 1.18 p

UN Number: UN 1789

Hazard Class: 8

Pictogram: Corrosive



PRODUCT OVERVIEW

A strong, clear, colourless to light yellow acid with a pungent odour. Hydrochloric acid is stable under normal conditions. Although HCl (in very small concentrations) is produced in the human body, it is very harmful to our skin, eyes, mucous membranes, and respiratory tract if exposed to high concentrations.

Hydrochloric acid applications include: remove rust/iron oxides from iron and steel, produce inorganic compounds, control pH, lab use as acidifying reagent and for titrations, and others.

HANDLING

- Wash thoroughly after handling HCl.
- Handle with precaution to avoid spillage/splashing and exposure.
- Do Not let material enter drain
- Use only outdoors or in a well-ventilated area

FIRST AID

- If inhaled, move the individual to fresh air and contact a medical doctor.
- If ingested, do not induce vomiting. Instead, give two glasses of water and contact a medical doctor.
- If exposed to skin, remove contaminated clothing and wash the area with plenty of water. Contact a medical doctor
- If exposed to eyes, wash with plenty of water and remove contact lenses. Contact an Ophthalmologist.

TRANSPORTATION

- if transporting containers that hold HCl, always use a cart whether material is present in the container or not
- Safely use forklift and trolley to transport materials within facility
- Can be transported by air, land, and water; however, ensure there are no leaks and all lids are tightly sealed.

STORAGE

- Cool, dry, ventilated area.
- Containers for storage should be tightly closed
- Keep only in original packaging.
- Keep away from strong bases and metals.
- Keep away from incompatible materials such as oxidizing agents, organic materials, metals & alkalis.