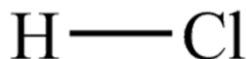


Chemical Structure and Identity



Specifications

Sr. No.	Characteristics	Unit	Standard Value
1	Appearance	-	Clear, Colorless Liquid
2	Assay as HCl (wt./wt.)	%	30 Min.
3	Free Cl ₂ (wt./vol.)	ppm	30 Max.
4	Iron as Fe ⁺³ (wt./vol.)	ppm	10 Max.

CAS No. 7647-01-0

EINECS No. 231-595-7

Technology AKCC

UN No 1789

Class 8

Packing Group III

State Liquid

Commercial Trade Name Not Pertinent

Synonyms Muriatic Acid, Hydrogen Chloride, Chlorohydric Acid

Chemical Formula HCl

Molecular Weight 36.5

Handling & Safety

- Packaging Hydrochloric acid is available in bulk tankers.
- Other packaging may be considered on request.
- Storage and handling Store in a tightly closed container.
- Keep in a cool, dry and well-ventilated area.
- Do not breathe the gas | fumes | vapours | spray.
- Never add water to this product.
- In case of insufficient ventilation, wear suitable respiratory equipment.
- Avoid contact with skin and eyes.
- Keep away from incompatible materials such as oxidising agents, organic materials, metals, alkalis and moisture.
- This product may corrode metallic surfaces. Store in a HDPE drum. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.
- Safety Wear personal protective equipment (PPE) such as safety glasses with side shields or chemical goggles, full body suit, vapour respirator, safety shoes and gloves.
- A self-contained breathing apparatus should be used to avoid inhalation of the product.

- Suggested protective clothing might not be sufficient. Consult a specialist before handling this product. Always refer to the SDS for detailed information on safety.

Application

Steel Pickling and Scale Removal
Water Treatment
Ore Refining
Oil well acidizing
Food Processing
Calcium Chloride
Activation of Petroleum wells
Catalyst in Organic Process
Removal of heavy metal
Leaching Alumina from Crystalline Zeolites
Hydrolyzing Agent
Monosodium Glutamate
Glutamic Acid
Dyes
Latex Coagulation
Floor Cleaning Product

Package Unit

10 & 20MT Tank lorry, Tanker

Contact

E-mail: info@meghmanifinechem.com

Website: www.meghmanifinechem.com