

Dyes, Dyes Intermediates & Textile Auxiliaries

**Chemical Structure & Identity**



**Specifications**

Sr. No.	Characteristics	Unit	Standard Value
1	Appearance	-	Clear, Colorless Liquid
2	Assay as HCl (wt./wt.)	%	30 Min.
3	Free Cl <sub>2</sub> (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

**Packaging 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.



## HYDROCHLORIC ACID

Technical Data Sheet

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### 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

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