

HYDROCHLORIC ACID

Property	Specification	Analytical Method
Colour	Clear liquid	Visual
Purity, Wt%	MIN.28	DENDRA CH13
Organic, ppm	MAX.3	H600.0500
Fe. (ppm)	Max.3	ASTM D2790

⇒ Hydrochloric acid is a solution of hydrogen chloride (HCl) in water, that is a highly corrosive, strong mineral acid with many industrial uses.

Application areas

- ✓ Acidizing of petroleum wells
- ✓ Demineralizers and resin regeneration
- ✓ Dye manufacturing
- ✓ Cleaning products
- ✓ Ore reduction
- ✓ Gelatin
- ✓ Pickling and metal surface cleaning
- ✓ Synthetic Rubber
- ✓ Water Treatment
- ✓ Pharmaceuticals
- ✓ Food Processing
- ✓ Manufacture of Chemical Intermediates
- ✓ Industrial acidizing
- ✓ Plastics and Polymers
- ✓ Rigid, "pour-in-place" foams – for use in appliances, and, in smaller amounts, packaging
- ✓ Urethane sealants – used in construction applications
- ✓ Cast elastomers – for production of articles such as roller blade wheels

Handling and storage conditions

Hydrochloric acid is a corrosive product. In contact with some metals, it releases hydrogen (flammable). Hydrochloric acid is currently stored in lined steel or certain types of plastic materials:

Lined steel:

Vinyl ester, epoxy or ebonite are suitable liners.

Plastics:

Plastic tanks may be used if the supplier specifications are strictly followed.

Packing details

Bulk, In Road tankers

Licensor: Chematur



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