

## Hydrochloric Acid

### SPECIFICATIONS :

| Characteristic                                | Range                 |
|---|-----------------------|
| Chemical Formula                              | HCl                   |
| Specific Gravity                              | 1.145 (at 27/27 ° C ) |
| Hydrochloric Acid (as HCL)                    | 30.0 % min.           |
| Sulphate (as H <sub>2</sub> SO <sub>4</sub> ) | 0.1 % max.            |
| Iron (as Fe +3)                               | 1.00 ppm max.         |
| Free Chlorine                                 | 0.02 % max.           |
| Mercury (as Hg)                               | 0.01 ppm max.         |
| Residue on Ignition                           | 0.01 % max.           |

### Properties :

Hydrochloric Acid is a clear and colorless liquid.  
It is toxic, threshold limit is 5 ppm.  
It is corrosive.

### Stability :

Hydrochloric acid is thermally stable up to approximately 1500° C but appreciable dissociation occurs above this temperature. It is an aggressive reagent and attacks almost all metals and alloys.

### Uses :

It finds use in metal cleaning, decaling, bleaching, hydrolyzing agent and industrial solvent for inorganic compounds.

Steel packing

Ore refining

Hydrolyzing agents

Scale removal

Food processing

Activation of petroleum wells

Catalyst in organic process

Removal of heavy metal carbon black and activated carbon.

### Packaging and Supply :

In Tanker Load.



*Guljag Industries Limited*

Nahata Bhawan, Chopasani Road, Jodhpur - 342003, Rajasthan, (INDIA)  
Phone : + 91-0291-2435581, 3290403 Fax : + 91-0291-2114209 Email : [scd@guljag.com](mailto:scd@guljag.com)