



# Product Specification

cdhfinechemical.com

## HYDROCHLORIC ACID

<b>PRODUCT CODE</b>	<b>113655</b>	
<b>SYNONYMS</b>	<b>N/A</b>	
<b>C.I. NO.</b>	<b>N/A</b>	
<b>CASR NO.</b>	<b>7647-01-0</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>HCl</b>	<b>HCl</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>36.46</b>	
<b>PROPERTIES</b>	<b>Noncombustible.</b>	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A clear liquid not more than 10 Hazen units in colour.	
Solubility	Miscible with water forming clear solution.	
Assay (acidimetric)	35-38%	
Wt.per ml at 20°C	About1.18g	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Non volatile matter	0.01%	
Free chlorine (Cl)	0.0005%	
Sulphuric acid (H <sub>2</sub> SO <sub>4</sub> )	0.02%	
Iron (Fe)	0.0001%	
Lead (Pb)	0.0005%	

**Note(s) :Assay (if applicable) method mentioned.**

### DANGER

**Hazard statements:** Toxic if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.

### Precautionary statements

**Prevention:** Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist.  
**Response:** IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage.

IMDG Code : 8/II  
UN No. : 1789  
IATA : 8

**Disposal:---**

**Hazard Pictogram(s) :**



GHS05



GHS06

Replace date-2-June-2023