



# Product Specification

cdhfinechemical.com

## HYDROCHLORIC ACID (1.18) AR

PRODUCT CODE	544475	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	7647-01-0	
ATOMIC OR MOLECULAR FORMULA	HCl	HCl
ATOMIC OR MOLECULAR WEIGHT	36.46	
PROPERTIES	Noncombustible.	
<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.	
Minimum assay (acidimetric)	35.4%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Non-Volatile matter	0.001%	
Free chlorine (Cl)	0.0002%	
Sulphate (SO <sub>4</sub> )	0.0005%	
Sulphite (SO <sub>3</sub> )	0.0001%	
Aluminium (Al)	0.00005%	
Ammonium (NH <sub>4</sub> )	0.0003%	
Arsenic (As)	0.000002%	
Copper (Cu)	0.00001%	
Iron (Fe)	0.00004%	
Lead (Pb)	0.00005%	

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

<b>DANGER</b> <b>Hazard statements:</b> Toxic if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects. <b>Precautionary statements</b> <b>Prevention:</b> 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. <b>Response:</b> 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. <b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.	IMDG Code : 8/III UN No. : 1789 IATA : 8
---	--

Hazard Pictogram(s) :-



GHS06



GHS05

Replace date 29-Dec-2023