



Product Specification

cdhfinechemical.com



HYDROCHLORIC ACID

PRODUCT CODE	113655	
SYNONYMS	N/A	
C.I. NO.	N/A	
CASR NO.	7647-01-0	
ATOMIC OR MOLECULAR FORMULA	HCl	HCl
ATOMIC OR MOLECULAR WEIGHT	36.46	
PROPERTIES	Noncombustible.	
PARAMETER	LIMIT	
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	About 1.18g	
MAXIMUM LIMIT OF IMPURITIES		
Non volatile matter	0.01%	
Free chlorine (Cl)	0.0005%	
Sulphuric acid (H ₂ SO ₄)	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
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Disposal:---

Hazard Pictogram(s) :
 
GHS05 GHS06

Replace date-2-June-2023