

**Product Name :**  
Hydrochloric Acid HCl**Product Code :**  
SCHOOLSMD1071ALTEC™**Description :**

Hydrochloric Acid HCl

**Technical Specification :**

- 1) neutralize a base to demonstrate double decomposition (neutralization) reaction.
- 2) as a titrant added from an acid burette in acid base titration
- 3) as a cleaning medium in Flame Test.

a) neutralize a base to produce salt and water

b) used as a titrant added from an acid buret to a known quantity of the analyte (the unknown solution) until the reaction is complete In acidbase titration. Knowing the volume of titrant added allows the determination of the concentration of the unknown using the formula

$$N_b = N_a V_a / V_b$$

c) must clean nichrome wires used in Flame Test and convert the specimen into their metallic chloride to emit different very distinct colored flames

d) pH value : pH 1

Form: Corrosive liquid

Color: Clear, colorless or slightly yellow

Odor: Pungent odor.

Chemical formula : HCl

Concentration: 6 M

"Percent by mass : 36-37 % HCl by mass "

Specific gravity:1.18

Quantity (volume) :500 mL.

Tender product as per DEPED Guidelines.



## Equipments Exporters

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