

HCl [Hydrochloric Acid]

Formula of Muriatic acid

Show the formation of dot diagram HCl

Write the answer of the following questions about HCl.

Lab. preparation of HCl gas.

i) Write the reaction.

ii) Write the functions of conc. H_2SO_4 (two functions)

iii) Temp. is not more than $200^\circ C$. Why?

iv) Name two Chloride salts which are not used to prepare HCl

v) Why is ~~HCl~~ HNO_3 not used?

vi) Why is NaCl used?

vii) How to collect it? From the collection of HCl,

write two physical properties of what we get?

viii) Name the drying agent used? Why ^{are} P_2O_5 , CaO not used as drying agent?

ix) How to prove that the gas jar is filled by HCl gas.

a) HCl gas present in gas jar.