

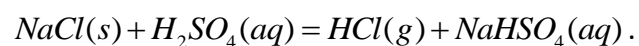
Answer on Question # 60315 - Chemistry - General Chemistry

On warming crystals of NaCl with conc H₂SO₄, A SALT IS FORMED and a gas is produced

- 1.name the gas
2. state 2 physical properties of the gas produced
3. write a balanced equation for the reaction

Solution

Reaction between sodium chloride and concentrated sulfuric acid leads to a salt sodium bisulfate and hydrogen chloride gas:



The name of the gas is hydrogen chloride;

The physical properties of the gas produced: colorless, highly soluble in water.