

NCERT/CBSE CHEMISTRY CLASS 11 textbook

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CHAPTER NINE

HYDROGEN

9.25 Write chemical reactions to justify that hydrogen peroxide can function as an

oxidising as well as reducing agent.

H₂O₂ as oxidizing agent :- Hydrogen peroxide provides nascent oxygen very easily. Therefore it acts as a strong oxidizing agent in acidic as well as alkaline solutions.



H₂O₂ as reducing agent :- Hydrogen peroxide acts as a reducing agent. This is because it can take up an oxygen atom to give water and oxygen gas.

