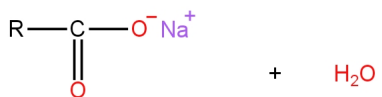


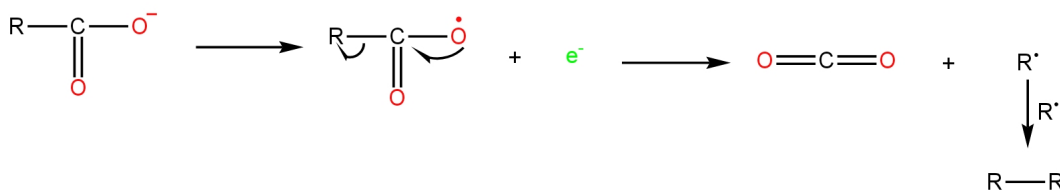
Kolbe's Electrolysis

1 Reaction and Mechanism

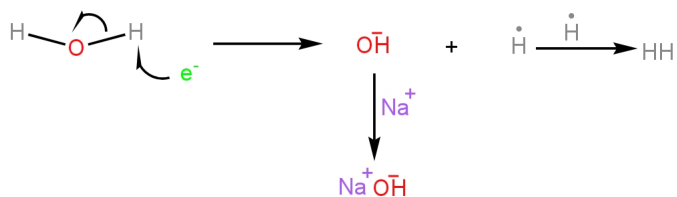
Kolbe's Electrolysis



At Anode:



At Cathode:



2 Reaction Observations

- C^\bullet obtained as intermediate.
- pH of medium increases due to formation of NaOH .
- CO_2 obtained at anode and H_2 at cathode.
- CH_4 can never be obtained.