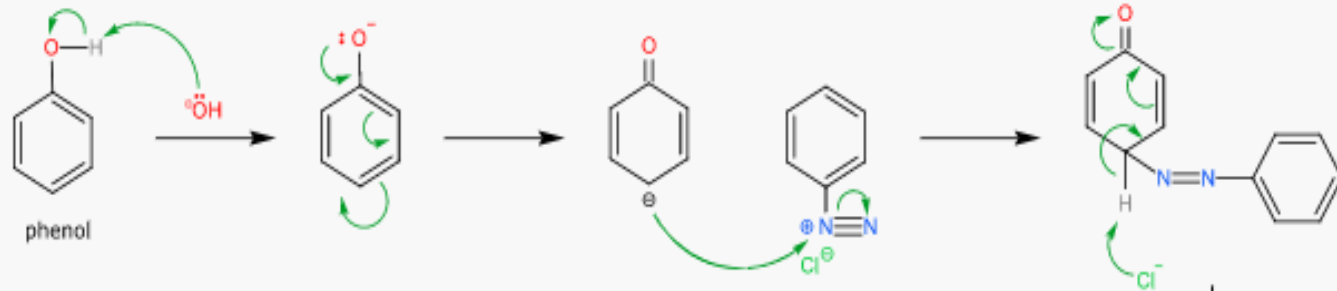
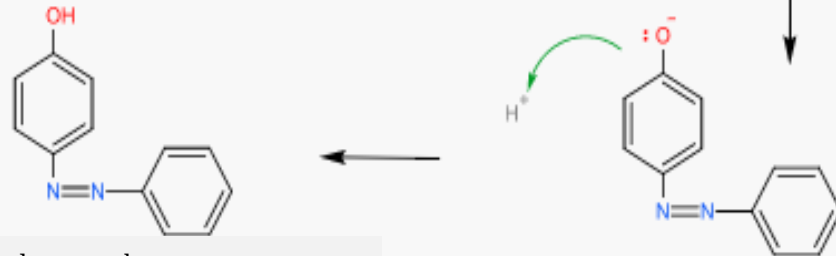


2: COUPLING REACTION:



Mechanism of synthesis of Phenyl orange dye



P- hydroxy azobenzene

APPLICATIONS.

- Azo dyes have a variety of uses. Azo dyes comprise an average 70% of world's commercial dyes. Around 2000 azo dyes are currently in the market.
- Azo dyes are widely used in textile industry for dyeing fabrics like silk, wool and viscose.
- Azo dyes are present in cosmetics and skincare products such as hair dyes, nail paints, lipsticks and soaps.
- Azo dyes are widely used in pharmaceutical industry for coloring pharmaceutical agents.
- Azo dyes are also used in paper, plastic and food industries.

