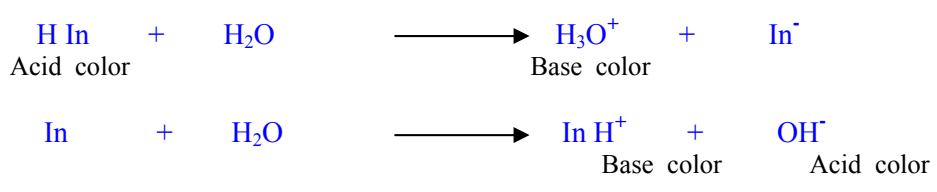


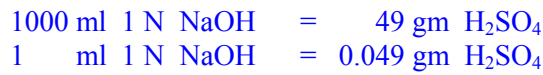
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0.05

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		-:	0.02					-



$$(A - B) \times 0.02 = Y \text{ gm H}_2\text{SO}_4 / 10 \text{ gm}$$

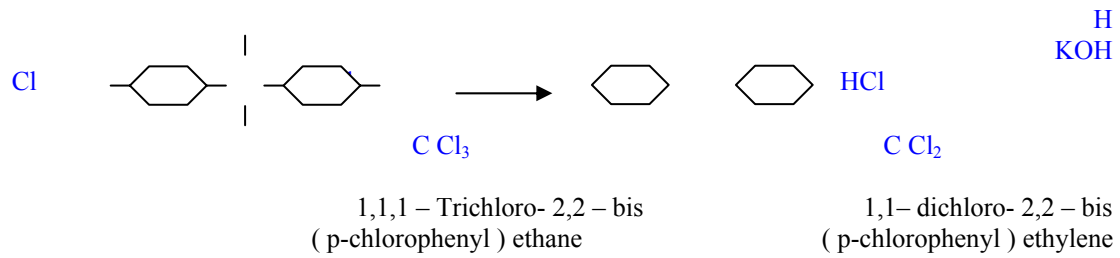
$$\begin{aligned} Y \text{ gm H}_2\text{SO}_4 (\%) &= \frac{(A - B) \times 0.02 \times 0.049}{10} \times 100 \\ &= (A - B) \times 0.0098 \end{aligned}$$

$$\begin{aligned} \therefore \text{H}_2\text{SO}_4 \text{ gm } (\%) &= (A + B) \times 0.0098 \end{aligned}$$

-: 0.02

$$\begin{aligned} 1000 \text{ ml } 1 \text{ N HCl} &= 40 \text{ gm NaOH} \\ 1 \text{ ml } 1 \text{ N HCl} &= 0.04 \text{ gm NaOH} \end{aligned}$$

$$(A - B) \times 0.02 = (Y) \text{ gm NaOH} / 10 \text{ gm}$$



$$\text{NaOH } (\%) = \frac{(A - B) \times 0.02 \times 0.04}{10} \times 100$$

$$= (A - B) \times 0.008$$

-:

$$\text{NaOH } (\%) = (A + B) \times 0.008$$

$$\therefore \left(\begin{array}{c} 10 \\ 5 \end{array} \right) 50 \quad \text{NaOH } 0.02 \text{ N} \quad 20$$