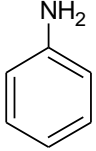
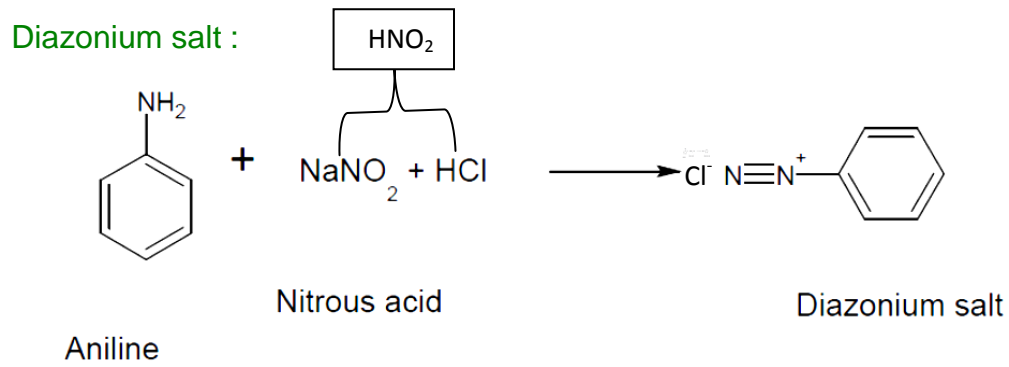


Amino Compounds

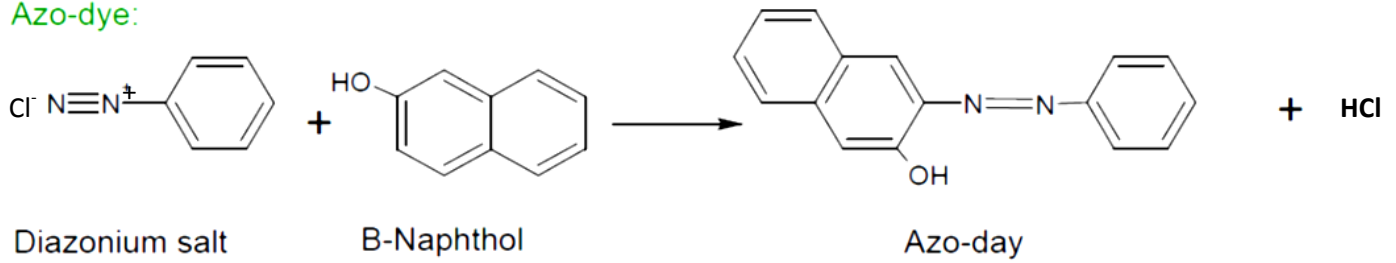
Name	Aniline
Mol. Formula	C_6H_7N
Mol. Structure	
Physical state	Liquid
Solubility	Soluble in HCl (Bases)
FeCl₃ Aniline+ HCl 10%+1ml FeCl ₃	Green or blue
Diazonium salt (Aniline+ HCl 10%+5 drops of NaNO ₂)	Yellow aqueous
(A) –Azo-dye <u>Two tubes</u> 1- Diazonium salt 2-β-Naphthole +10%NaOH 3-Add tube 1 to tube 2 in ice bath	Azo-dye Red dye
(B) –Hydrolysis of Diazonium salt 1ml of Diazonium Salt+2ml H ₂ O	Smell of phenol

Amino Reaction

Diazonium salt :



Azo-dye:



Hydrolysis of salt:

