

Exemplar Problems

Q7. Some of the Group 2 metal halides are covalent and soluble in organic solvents. Among the following metal halides, the one which is soluble in ethanol is

- (a) BeCl_2
- (b) MgCl_2
- (c) CaCl_2
- (d) SrCl_2

Sol: Due to small size, high electronegativity and high ionization enthalpy of Be, BeCl_2 is covalent and hence most soluble in organic solvents such as ethanol
