

Figure 7.3:
Solubilities of
common
compounds.

(a) Soluble compounds

NO_3^- salts

Na^+ , K^+ , NH_4^+ salts

Cl^- , Br^- , I^- salts

Except for
those containing Ag^+ , Hg_2^{2+} , Pb^{2+}

SO_4^{2-} salts

Except for
those containing Ba^{2+} , Pb^{2+} , Ca^{2+}

(b) Insoluble compounds

S^{2-} , CO_3^{2-} , PO_4^{3-} salts

OH^- salts

Except for
those containing Na^+ , K^+ , Ca^{2+} , Ba^{2+}