

3 • What Happens When Chemicals Are Put Together?

40 IONS TO MEMORIZE

aluminum	Al^{3+}	strontium	Sr^{2+}
ammonium	NH_4^+	stannous	Sn^{2+}
barium	Ba^{2+}	stannic	Sn^{4+}
calcium	Ca^{2+}	zinc	Zn^{2+}
cuprous	Cu^+	acetate	$\text{C}_2\text{H}_3\text{O}_2^-$ or CH_3COO^-
cupric	Cu^{2+}	bromide	Br^-
ferrous	Fe^{2+}	carbonate	CO_3^{2-}
ferric	Fe^{3+}	chlorate	ClO_3^-
hydrogen	H^+	chloride	Cl^-
hydronium	H_3O^+	chromate	CrO_4^{2-}
lead	Pb^{2+}	dichromate	$\text{Cr}_2\text{O}_7^{2-}$
lithium	Li^+	fluoride	F^-
magnesium	Mg^{2+}	hydroxide	OH^-
manganese	Mn^{2+}	iodide	I^-
mercurous	Hg_2^{2+}	nitrate	NO_3^-
mercuric	Hg^{2+}	oxide	O^{2-}
nickel	Ni^{2+}	permanganate	MnO_4^-
potassium	K^+	phosphate	PO_4^{3-}
silver	Ag^+	sulfate	SO_4^{2-}
sodium	Na^+	sulfide	S^{2-}