

NAMES AND FORMULAS OF COMMON IONS

POSITIVE IONS (CATIONS)

Ammonium	NH_4^+
Copper (I)	Cu^+
Hydrogen	H^+
Potassium	K^+
Silver	Ag^+
Sodium	Na^+
Barium	Ba^{2+}
Cadium	Cd^{2+}
Cobalt (II)	Co^{2+}
Copper (II)	Cu^{2+}
Iron (II)	Fe^{2+}
Lead (II)	Pb^{2+}
Magnesium	Mg^{2+}
Manganese (II)	Mn^{2+}
Mercury (II)	Hg^{2+}
Mercury (I)	Hg_2^{2+}
Nickel (II)	Ni^{2+}
Tin (II)	Sn^{2+}
Tin (IV)	Sn^{4+}
Zinc	Zn^{2+}
Aluminum	Al^{3+}
Chromium (III)	Cr^{3+}
Lead (IV)	Pb^{4+}
Gold (I)	Au^+
Gold (II)	Au^{3+}
Cesium	Cs^+
Beryllium	Be^{2+}
Rubidium	Rb^+
Strontium	Sr^{2+}
Gallium (III)	Ga^{3+}
Bismuth (III)	Bi^{3+}
Manganese (II)	Mn^{2+}
Calcium	Ca^{2+}
Titanium (IV)	Ti^{4+}

NEGATIVE IONS (ANIONS)

Acetate	$\text{C}_2\text{H}_3\text{O}_2^-$
Bromate	BrO_3^-
Bromide	Br^-
Chlorate	ClO_3^-
Chloride	Cl^-
Cyanide	CN^-
Fluoride	F^-
Hydride	H^-
Hydrogen carbonate	HCO_3^-
Hydrogen sulfate	HSO_4^-
Hydroxide	OH^-
Iodide	I^-
Nitrate	NO_3^-
Nitrite	NO_2^-
Carbonate	CO_3^{2-}
Chromate	CrO_4^{2-}
Dichromate	$\text{Cr}_2\text{O}_7^{2-}$
Permanganate	MnO_4^-
Oxide	O^{2-}
Peroxide	O_2^{2-}
Perchlorate	ClO_4^-
Hypochlorite	ClO^-
Chlorite	ClO_2^-
Phosphate	PO_4^{3-}
Phosphite	PO_3^{3-}
Hydrogen phosphate	HPO_4^{2-}
Dihydrogen phosphate	H_2PO_4^-
Sulfide	S^{2-}
Hydrogen sulfide	HS^-