

Polyatomic Ions Chart

Formula	Name	Formula	Name
NH_4^+	Ammonium	CrO_4^{-2}	Chromate
NH_3	Ammonia	$\text{Cr}_2\text{O}_7^{-2}$	Dichromate
$\text{C}_2\text{H}_3\text{O}_2^-$	Acetate	MnO_4^-	Permanganate
CH_3COO^-	Acetate	MnO_4^{-2}	Manganate
CN^-	Cyanide	NO_2^-	Nitrite
CO_3^{-2}	Carbonate	NO_3^-	Nitrate
HCO_3^-	Bicarbonate	OH^-	Hydroxide
$\text{C}_2\text{O}_4^{-2}$	Oxalate	PO_4^{-3}	Phosphate
ClO^-	Hypochlorite	SCN^-	Thiocyanate
ClO_2^-	Chlorite	$\text{Fe}(\text{CN})_6^{-3}$	Ferricyanide
ClO_3^-	Chlorate	SO_3^{-2}	Sulfite
ClO_4^-	Perchlorate	SO_4^{-2}	Sulfate
$\text{S}_2\text{O}_3^{-2}$	Thiosulfate	HSO_4^-	Hydrogen sulfate
BrO^-	Hypobromite	IO_3^-	Iodate
AsO_2^{-3}	Arsenite	SeO_4^{-2}	Selenate
BrO_3^-	Bromate	HSO_3^-	Hydrogen sulfite

Commonly Used Multivalent Metals

Symbol	Name	-ous	-ic
Fe (<i>Ferrum</i>)	Iron	+2	+3
Pb (<i>Plumbum</i>)	Lead	+2	+4
Sn (<i>Stannum</i>)	Tin	+2	+4
Hg (<i>Hydrargyrum</i>)	Mercury	+1	+2
Cu (<i>Cuprum</i>)	Copper	+1	+2

Prefixes

Mono = one	Hexa = six
Di = two	Hepta = seven
Tri = three	Octa = eight
Tetra = four	Nona = nine
Penta = five	Deca = ten