

NAMES, FORMULAE AND CHARGES OF SOME POLYATOMIC IONS

NAMES AND FORMULAE OF COMMON ACIDS

Positive Ions	Negative Ions
NH_4^+ Ammonium	CH_3COO^- Acetate CO_3^{2-} Carbonate ClO_3^- Chlorate ClO_2^- Chlorite CrO_4^{2-} Chromate CN^- Cyanide $\text{Cr}_2\text{O}_7^{2-}$ Dichromate HCO_3^- Hydrogen carbonate, bicarbonate HSO_4^- Hydrogen sulfate, bisulfate HS^- Hydrogen sulfide, bisulfide HSO_3^- Hydrogen sulfite, bisulfite OH^- Hydroxide ClO^- Hypochlorite NO_3^- Nitrate NO_2^- Nitrite ClO_4^- Perchlorate MnO_4^- Permanganate PO_4^{3-} Phosphate PO_3^{3-} Phosphite SO_4^{2-} Sulfate SO_3^{2-} Sulfite

Hydrochloric acid	HCl
Sulfuric acid	H_2SO_4
Nitric acid	HNO_3
Acetic acid	HCH_3COO

PREFIXES

1	mono
2	di
3	tri
4	tetra
5	penta
6	hexa
7	hepta
8	octa
9	nona
10	deca