

<u>Acid Formula</u>	<u>Acid Name</u>	<u>Ion Formula</u>	<u>Ion Name</u>
H ₃ BO ₃	Boric Acid	BO ₃ ⁻³	Borate
H ₂ CO ₃	Carbonic Acid	CO ₃ ⁻²	Carbonate
		HCO ₃ ⁻	Bicarbonate
HNO ₂	Nitrous Acid	NO ₂ ⁻	Nitrite
HNO ₃	Nitric Acid	NO ₃ ⁻	Nitrate
H ₂ N ₂ O ₂	Hyponitrous Acid (unstable - forms N ₂ O ₂ , Nitrous Oxide)		
H ₃ PO ₂	Hypophosphorous Acid	PO ₂ ⁻³	Hypophosphite
H ₃ PO ₃	Phosphorous Acid	PO ₃ ⁻³	Phosphite
H ₃ PO ₄	Phosphoric Acid	PO ₄ ⁻³	Phosphate
H ₄ P ₂ O ₇	Pyrophosphoric Acid	P ₂ O ₇ ⁻⁴	Pyrophosphate
		HPO ₄ ⁻²	Biphosphate
		H ₂ PO ₄ ⁻	Hydrogen Biphosphate
		S ⁻²	Sulfide
		HS ⁻	Bisulfide
H ₂ SO ₃	Sulfurous Acid	SO ₃ ⁻²	Sulfite
H ₂ SO ₄	Sulfuric Acid	SO ₄ ⁻²	Sulfate
H ₂ S ₂ O ₄	Hyposulfuric Acid	S ₂ O ₄ ⁻²	Hyposulfate
H ₂ SO ₅	Persulfuric Acid	SO ₅ ⁻²	Persulfate
H ₂ S ₂ O ₇	Pyrosulfuric Acid	S ₂ O ₇ ⁻²	Pyrosulfate
H ₂ S ₂ O ₃	Thiosulfuric Acid	S ₂ O ₃ ⁻²	Thiosulfate
		HSO ₃ ⁻	Bisulfite
		HSO ₄ ⁻	Bisulfate
		S ₄ O ₆ ⁻²	Tetrathionate
HF	Hydrofluoric Acid	F ⁻	Fluoride
HFO	Hypofluorous Acid	FO ⁻	Hypofluorite
HFO ₂	Fluorous Acid	FO ₂ ⁻	Fluorite
HFO ₃	Fluoric Acid	FO ₃ ⁻	Fluorate
HFO ₄	Perfluoric Acid	FO ₄ ⁻	Perfluorate
HCl	Hydrochloric Acid	Cl ⁻	Chloride
HCIO	Hypochlorous Acid	CIO ⁻	Hypochlorite
HCIO ₂	Chlorous Acid	CIO ₂ ⁻	Chlorite
HCIO ₃	Chloric Acid	CIO ₃ ⁻	Chlorate
HCIO ₄	Perchloric Acid	CIO ₄ ⁻	Perchlorate
HBr	Hydrobromic Acid	Br ⁻	Bromide
HBrO	Hypobromous Acid	BrO ⁻	Hypobromite
HBrO ₂	Bromous Acid	BrO ₂ ⁻	Bromite
HBrO ₃	Bromic Acid	BrO ₃ ⁻	Bromate
HBrO ₄	Perbromic Acid	BrO ₄ ⁻	Perbromate
HI	Hydriodic Acid	I ⁻	Iodide
HIO	Hypoiodous Acid	IO ⁻	Hypoiodite
HIO ₂	Iodous Acid	IO ₂ ⁻	Iodite
HIO ₃	Iodic Acid	IO ₃ ⁻	Iodate
H ₅ IO ₆	Periodic Acid	IO ₆ ⁻⁵	Periodate [1st form]
		IO ₄ ⁻	Periodate [2nd form (rare)]
HCN	Hydrogen Cyanide (gas)	CN ⁻	Cyanide
HOCN	Hydrocyanic Acid (aq.)	OCN ⁻	Cyanate
H ₃ Fe(CN) ₆	Ferricyanic Acid	Fe(CN) ₆ ⁻³	Ferricyanate
H ₄ Fe(CN) ₆	Ferrocyanic Acid	Fe(CN) ₆ ⁻⁴	Ferrocyanate
HCH ₃ CO ₂	Acetic Acid	CH ₃ CO ₂ ⁻	Acetate