

Common Polyatomic Ions
UWO Chemistry 105 S07-Dr. J. Gutow

Name	Formula
Ammonium	NH_4^+ (only common + polyatomic ion)
Acetate	$\text{C}_2\text{H}_3\text{O}_2^-$
Azide	N_3^-
bicarbonate	HCO_3^-
carbonate	CO_3^{2-}
hypochlorite	ClO^-
chlorite	ClO_2^-
chlorate	ClO_3^-
perchlorate	ClO_4^-
chromate	CrO_4^{2-}
dichromate	$\text{Cr}_2\text{O}_7^{2-}$
cyanide	CN^-
hydroxide	OH^-
nitrite	NO_2^-
nitrate	NO_3^-
nitride	N^{3-}
oxide	O^{2-}
peroxide	O_2^{2-}
dihydrogen phosphate	H_2PO_4^-
hydrogen phosphate	HPO_4^{2-}
phosphate	PO_4^{3-}
permanganate	MnO_4^-
bisulfite	HSO_3^-
sulfite	SO_3^{2-}
bisulfate	HSO_4^- (not commonly seen, just shows naming pattern)
sulfate	SO_4^{2-}
sulfide	S^{2-}
thiocyanate	SCN^-