



## Polyatomic Ions and oxidation states

<u>Formula</u>	<u>common name</u>	<u>systematic name</u>	<u>oxidation states (numbers)</u>
$\text{NH}_4^+$	ammonium	ammonium	
$\text{HCO}_3^-$	bicarbonate	hydrogen carbonate	
$\text{ClO}^-$	hypochlorate	chlorate(I)	
$\text{ClO}_2^-$	chlorite	chlorate(III)	
$\text{ClO}_3^-$	chlorate	chlorate(V)	
$\text{ClO}_4^-$	perchlorate	chlorate(VII)	
$\text{MnO}_4^-$	permanganate	manganate(VII)	
$\text{NH}_2^-$	amide	amide	
$\text{NO}_2^-$	nitrite	nitrite	
$\text{NO}_3^-$	nitrate	nitrate	
$\text{OH}^-$	hydroxide	hydroxide	
$\text{H}_3\text{O}^+$	hydronium	oxonium	
$\text{HSO}_3^-$	hydrogen sulfite	hydrogen sulfite	
$\text{HSO}_4^-$	hydrogen sulfate	hydrogen sulfate	
$\text{SO}_3^{2-}$	sulfite	sulfite	
$\text{SO}_4^{2-}$	sulfate	sulfate	
$\text{S}_2\text{O}_3^{2-}$	thiosulfate	thiosulfate	
$\text{CO}_3^{2-}$	carbonate	carbonate	
$\text{C}_2\text{O}_4^{2-}$	oxalate	ethandioate	
$\text{CrO}_4^{2-}$	chromate	chromate(VI)	
$\text{Cr}_2\text{O}_7^{2-}$	dichromate	dichromate(VI)	
$\text{H}_2\text{PO}_4^-$	dihydrogen phosphate/phosphate(V)		
$\text{HPO}_4^{2-}$	monohydrogen phosphate/phosphate(V)		
$\text{PO}_4^{3-}$	phosphate	phosphate/phosphate(V)	
$\text{PO}_3^{3-}$	phosphite	phosphite/phosphate(III)	