

## Common Polyatomic Ions

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ion	formula	ion	formula
ammonium	$\text{NH}_4^+$	carbonate	$\text{CO}_3^{2-}$
acetate	$\text{CH}_3\text{COO}^-$	chromate	$\text{CrO}_4^{2-}$
chlorate	$\text{ClO}_3^-$	dichromate	$\text{Cr}_2\text{O}_7^{2-}$
cyanide	$\text{CN}^-$	oxalate	$\text{C}_2\text{O}_4^{2-}$
hydroxide	$\text{OH}^-$	sulfate	$\text{SO}_4^{2-}$
iodate	$\text{IO}_3^-$	tetraborate	$\text{B}_4\text{O}_7^{2-}$
nitrate	$\text{NO}_3^-$	borate	$\text{BO}_3^{3-}$
permanganate	$\text{MnO}_4^-$	phosphate	$\text{PO}_4^{3-}$

## Extensive List of Polyatomic Ions

Polyatomic Ions					
ion	formula	ion	formula	ion	formula
americyl	$\text{AmO}_2^{2+}$	acetate	$\text{CH}_3\text{COO}^-$	tetraborate	$\text{B}_4\text{O}_7^{2-}$
carbonyl	$\text{CO}^{2+}$	amide	$\text{NH}_2^-$	carbide	$\text{C}_2^{2-}$
thiocarbonyl	$\text{CS}^{2+}$	hydroxylamide	$\text{NHOH}^-$	carbonate	$\text{CO}_3^{2-}$
chromyl	$\text{CrO}_2^{2+}$	azide	$\text{N}_3^-$	chromate	$\text{CrO}_4^{2-}$
neptunyl	$\text{NpO}_2^{2+}$	hydrazide	$\text{N}_2\text{H}_3^-$	dichromate	$\text{Cr}_2\text{O}_7^{2-}$
plutonyl	$\text{PuO}_2^{2+}$	bromate	$\text{BrO}_3^-$	imide	$\text{NH}^{2-}$
seleninyl	$\text{SeO}^{2+}$	chlorate	$\text{ClO}_3^-$	molybdate	$\text{MoO}_4^{2-}$
selenonyl	$\text{SeO}_2^{2+}$	cyanide	$\text{CN}^-$	peroxide	$\text{O}_2^{2-}$
thionyl/sulfinyl	$\text{SO}^{2+}$	cyanate	$\text{OCN}^-$	oxalate	$\text{C}_2\text{O}_4^{2-}$
sulfonyl/sulfuryl	$\text{SO}_2^{2+}$	thiocyanate	$\text{SCN}^-$	phthalate	$\text{C}_8\text{H}_4\text{O}_4^{2-}$
uranyl	$\text{UO}^{2+}$	selenocyanate	$\text{SeCN}^-$	selenate	$\text{SeO}_4^{2-}$
vanadyl	$\text{VO}^{2+}$	tellurocyanate	$\text{TeCN}^-$	disulfide	$\text{S}_2^{2-}$
ammonium	$\text{NH}_4^+$	hydroxide	$\text{OH}^-$	sulfate	$\text{SO}_4^{2-}$
hydronium	$\text{H}_3\text{O}^+$	iodate	$\text{IO}_3^-$	thiosulfate	$\text{S}_2\text{O}_3^{2-}$
iodyl	$\text{IO}_2^+$	methanolate	$\text{CH}_3\text{O}^-$	dithionate	$\text{S}_2\text{O}_4^{2-}$
nitrosyl	$\text{NO}^+$	methanethiolate	$\text{CH}_3\text{S}^-$	silicate	$\text{SiO}_3^{2-}$
thionitrosyl	$\text{NS}^+$	ethanolate	$\text{C}_2\text{H}_5\text{O}^-$	borate	$\text{BO}_3^{3-}$
phosphoryl	$\text{PO}^+$	permanganate	$\text{MnO}_4^-$	arsenate	$\text{AsO}_4^{3-}$
thiophosphoryl	$\text{PS}^+$	nitrate	$\text{NO}_3^-$	phosphate	$\text{PO}_4^{3-}$
phospho	$\text{PO}_2^+$	superoxide	$\text{O}_2^-$	orthosilicate	$\text{SiO}_4^{4-}$