

Polyatomic Ion Table

Some Common Polyatomic Ions

Name	Structure	Name	Structure
ethanoate (acetate)	CH_3COO^-	nitrate	NO_3^-
ammonium	NH_4^+	nitrite	NO_2^-
benzoate	$\text{C}_6\text{H}_5\text{COO}^-$	oxalate	$\text{OOC}\text{COO}^{2-}$
borate	BO_3^{3-}	hydrogen oxalate	HOOCCOO^-
carbonate	CO_3^{2-}	permanganate	MnO_4^-
hydrogen carbonate (bicarbonate)	HCO_3^-	phosphate	PO_4^{3-}
perchlorate	ClO_4^-	hydrogen phosphate	HPO_4^{2-}
chlorate	ClO_3^-	dihydrogen phosphate	H_2PO_4^-
chlorite	ClO_2^-	silicate	SiO_3^{2-}
hypochlorite	ClO^-	sulphate	SO_4^{2-}
chromate	CrO_4^{2-}	hydrogen sulfate	HSO_4^-
dichromate	$\text{Cr}_2\text{O}_7^{2-}$	sulfite	SO_3^{2-}
cyanide	CN^-	hydrogen sulfite	HSO_3^-
hydroxide	OH^-	hydrogen sulfide	HS^-
iodate	IO_3^-	thiocyanate	SCN^-
		thiosulfate	$\text{S}_2\text{O}_3^{2-}$