

Inorganic Polyatomic Ions

acetylide	C_2^{-2}
americyl	AmO_2^{+2}
amide	NH_2^{-1}
ammonium	NH_4^{+1}
arsenate	AsO_4^{-3}
arsenite	AsO_3^{-3}
astatate	AtO_3^{-1}
azide	N_3^{-1}
bicarbonate/hydrogen carbonate	HCO_3^{-1}
bismuthate	BiO_3^{-1}
bisulfate/hydrogen sulfate	HSO_4^{-1}
bisulfite/hydrogen sulfite	HSO_3^{-1}
borate	BO_3^{-3}
bromate	BrO_3^{-1}
bromite	BrO_2^{-1}
carbonate	CO_3^{-2}
carbonyl	CO^{+2}
chlorate	ClO_3^{-1}
chlorite	ClO_2^{-1}
chromate	CrO_4^{-2}
chromyl	CrO_2^{+2}
cyanate	OCN^{-1}
cyanide	CN^{-1}
dichromate	$Cr_2O_7^{-2}$
dihydrogen phosphate	$H_2PO_4^{-1}$
dithionate	$S_2O_6^{-2}$
dithionite	$S_2O_4^{-2}$
ferricyanide	$Fe(CN)_6^{-3}$
ferrocyanide	$Fe(CN)_6^{-4}$
fulminate	ONC^{-1}
gallate	GaO_3^{-3}
germanate	GeO_3^{-2}

hexafluorosilicate	SiF_6^{-2}
hydrogen phosphate	HPO_4^{-2}
hydroxide	OH^{-1}
hypobromite	BrO^{-1}
hypochlorite	ClO^{-1}
hypoiodite	IO^{-1}
hypophosphite	$\text{PH}_2\text{O}_3^{-1}$
imide	NH^{-2}
iodate	IO_3^{-1}
iodyl	IO_2^{+1}
isocyanate	NCO^{-1}
molybdate	MoO_4^{-2}
neptunyl	NpO_2^{+2}
nitrate	NO_3^{-1}
nitrite	NO_2^{-1}
nitrosyl	NO^{+1}
orthoplumbate	PbO_4^{-4}
orthosilicate	SiO_4^{-4}
orthotellurate	TeO_6^{-5}
ozonide	O_3^{-1}
paramolybdate	$\text{Mo}_7\text{O}_{24}^{-6}$
perbromate	BrO_4^{-1}
perchlorate	ClO_4^{-1}
periodate	IO_4^{-1}
permanganate	MnO_4^{-1}
peroxide	O_2^{-2}
peroxydisulfate	$\text{S}_2\text{O}_8^{-2}$
perrhenate	ReO_4^{-1}
pertechnetate	TcO_4^{-1}
perxenate	XeO_6^{-4}
phosphate	PO_4^{-3}
phosphite	PO_3^{-3}
phosphonium	PH_4^{+1}
phosphoryl	PO^{+1}
plumbite	PbO_2^{-2}

plutoryl	PuO_2^{+2}
pyrophosphate	$\text{P}_2\text{O}_7^{-4}$
rhenate	ReO_4^{-2}
selenate	SeO_4^{-2}
seleninyl	SeO^{+2}
selenite	SeO_3^{-2}
selenocyanate	SeCN^{-1}
selenonyl	SeO_2^{+2}
silicate	SiO_3^{-2}
stannate	SnO_3^{-2}
sulfamate	$\text{NH}_2\text{SO}_3^{-1}$
sulfate	SO_4^{-2}
sulfinyl	SO^{+2}
sulfite	SO_3^{-2}
sulfonyl	SO_2^{+2}
superoxide	O_2^{-1}
tellurate	TeO_4^{-2}
tellurocyanate	TeCN^{-1}
thiocarbonyl	CS^{+2}
thiocyanate	SCN^{-1}
thionitrosyl	NS^{+1}
thiophosphoryl	PS^{+1}
thiosulfate	$\text{S}_2\text{O}_3^{-2}$
tripolyphosphate	$\text{P}_3\text{O}_{10}^{-5}$
tungstate	WO_4^{-2}
uranyl	UO^{+2}
vanadate	VO_3^{-1}
vanadyl	VO^{+1}

Organic Polyatomic Ions

acetate	$\text{CH}_3\text{COO}^{-1}$
benzoate	$\text{C}_6\text{H}_5\text{COO}^{-1}$
binoxalate/hydrogen oxalate	HOCCOO^{-1}
bitartrate/hydrogen tartrate	$\text{HOOCCH(OH)CH(OH)COO}^{-1}$
butyl	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2^{+1}$
caprylate	$\text{C}_7\text{H}_{15}\text{COO}^{-1}$
citrate	$\text{OOCCH}_2\text{C(OH)COOCH}_2\text{COO}^{-3}$
ethoxide	$\text{CH}_3\text{CH}_2\text{O}^{-1}$
ethyl	$\text{CH}_3\text{CH}_2^{+1}$
formate	HCOO^{-1}
fumarate	$\text{OOC(CH)}_2\text{COO}^{-2}$
isopropoxide	$\text{OCH(CH}_3)_2^{-1}$
lactate	$\text{CH}_3\text{CH(OH)COO}^{-1}$
mandelate	$\text{C}_6\text{H}_5\text{CH(OH)COO}^{-1}$
methyl	CH_3^{+1}
oleate	$\text{CH}_3(\text{CH}_2)_7\text{CHCH(CH}_2)_7\text{COO}^{-1}$
oxalate	OCCOO^{-2}
palmitate	$\text{CH}_3(\text{CH}_2)_{14}\text{COO}^{-1}$
phthalate	$\text{OOC}_6\text{H}_4\text{COO}^{-2}$
propionate	$\text{CH}_3\text{CH}_2\text{COO}^{-1}$
propyl	$\text{CH}_3\text{CH}_2\text{CH}_2^{+1}$
pyruvate	$\text{CH}_3\text{COCOO}^{-1}$
salicylate	$\text{C}_6\text{H}_4(\text{OH})\text{COO}^{-1}$
stearate	$\text{CH}_3(\text{CH}_2)_{16}\text{COO}^{-1}$
tartrate	$\text{OOCCH(OH)CH(OH)COO}^{-2}$

Monatomic Cations

antimony (V)	antimonic
antimony (III)	antimonous
arsenic (V)	arsenic
arsenic (III)	arsenous
gold (III)	auric
gold (I)	aurous
bismuth (V)	bismuthic
bismuth (III)	bismuthous
cerium (IV)	ceric
cerium (III)	cerous
chromium (III)	chromic
chromium (II)	chromous
cobalt (III)	cobaltic
cobalt (II)	cobaltous
copper (II)	cupric
copper (I)	cuprous
iron (III)	ferric
iron (II)	ferrous
manganese (III)	manganic
manganese (II)	manganous
mercury (II)	mercuric
mercury (I)	mercurous
nickel (III)	nickelic
nickel (II)	nickelous
lead (IV)	plumbic
lead (II)	plumbous
tin (IV)	stannic
tin (II)	stannous
titanium (IV)	titanic
titanium (III)	titanous