

CHEM 4 PAL— Additional Nomenclature Review

Below is an extensive list of chemical formulae. Provide the name for each chemical formula and chemical formula for each name.

$\text{Sn}(\text{ClO}_4)_3$	_____	NaCl	_____
Au_3PO_4	_____	CaBr_2	_____
$\text{Co}_2(\text{CO}_3)_3$	_____	SF_6	_____
C_3H_8	_____	SrCl_2	_____
$\text{NH}_4\text{C}_2\text{H}_3\text{O}_2$	_____	$\text{HF}_{(\text{aq})}$	_____
$\text{Al}(\text{HCO}_2)_3$	_____	NaMnO_4	_____
$\text{Sr}(\text{MnO}_4)_2$	_____	$\text{Mg}(\text{NO}_2)_2$	_____
$\text{Cr}_2(\text{CrO}_4)_3$	_____	$\text{Fe}_3(\text{PO}_4)_2$	_____
Co_3N_2	_____	$\text{H}_2\text{SO}_{4(\text{aq})}$	_____
$\text{H}_3\text{PO}_{3(\text{aq})}$	_____	Na_2CrO_4	_____
$\text{Al}(\text{ClO}_3)_3$	_____	AgClO_4	_____
$\text{I}_2\text{Cr}_2\text{O}_7$	_____	SO_3	_____
Si_7P_6	_____	$\text{Ba}_3(\text{PO}_4)_2$	_____
$\text{HClO}_{(\text{aq})}$	_____	$\text{HNO}_{2(\text{aq})}$	_____
$\text{Al}(\text{C}_2\text{H}_3\text{O}_2)_2$	_____	$\text{Ni}(\text{C}_2\text{H}_3\text{O}_2)_2$	_____
LiCl	_____	RbF	_____
MgF_2	_____	MgCl_2	_____
NCl_6	_____	NBr_6	_____
BaBr_2	_____	BaF_2	_____
$\text{HCl}_{(\text{aq})}$	_____	$\text{HBr}_{(\text{aq})}$	_____
KMnO_4	_____	LiHCO_3	_____
$\text{Ca}(\text{NO}_3)_2$	_____	$\text{Pb}(\text{SO}_4)_2$	_____
$\text{Co}_3(\text{SO}_4)_3$	_____	AuPO_4	_____
$\text{H}_3\text{PO}_{3(\text{aq})}$	_____	$\text{H}_3\text{PO}_{4(\text{aq})}$	_____
Li_2CrO_4	_____	$\text{Li}_2\text{Cr}_2\text{O}_7$	_____
AgClO	_____	$\text{Al}(\text{ClO}_3)_3$	_____
NO_3	_____	PO_4	_____
$\text{Sr}(\text{NO}_3)_2$	_____	Mg_3P_2	_____
$\text{HNO}_{3(\text{aq})}$	_____	$\text{HClO}_{4(\text{aq})}$	_____

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Pentanitride nonasulfide _____
Tin (II) Chloride _____
Hydrosulfuric Acid _____
Copper (II) Oxide _____
Nickel (III) Nitrite _____
Iron (III) Dichromate _____
Potassium Chlorite _____
Lead (II) Phosphide _____
Iron (II) Bicarbonate _____
Zinc Hydroxide _____
Gold (III) Sulfide _____
Lead (IV) Sulfite _____
Lithium Chlorate _____
Barium Iodide _____
Lithium Bromide _____
Zinc Nitrate _____
Calcium Hydroxide _____
Cobalt (II) Periodate _____
Calcium Sulfite _____
Sulfur Pentoxide _____
Ammonium Bicarbonate _____
Cobalt (II) chromate _____
Sulfurous Acid _____
Disulfur Nonabromide _____
Chromium (II) Oxide _____
Iron (II) Sulfite _____
Sodium Hypochlorite _____
Nickel (III) Bromide _____
Beryllium Permanganate _____
Calcium Sulfate _____

Aluminum Sulfite _____
Magnesium Hydroxide _____
Nickel (II) Permanganate _____
Barium Phosphate _____
Tricarbon Octanitride _____
Lithium Perchlorate _____
Copper (II) Bicarbonate _____
Hydrosulfurous Acid _____
Xenon Heptachloride _____
Tin (II) Nitride _____
Cobalt (III) Dichromate _____
Potassium Chlorate _____
Lead (IV) Iodide _____
Barium Carbonate _____
Potassium Fluoride _____
Silver Phosphate _____
Magnesium Carbonate _____
Chromium (II) Bicarbonate _____
Magnesium Sulfite _____
Nitrogen Trisulfide _____
Sodium Periodate _____
Tin (III) Chromate _____
Phosphorous Acid _____
Dicarbon hexafluoride _____
Chromium (III) Oxide _____
Copper (II) Sulfate _____
Ammonium Acetate _____
Nickel (II) Iodide _____
Barium Permanganate _____
Sodium Iodide _____

Periodic Table of the Elements

1 H 1.01																	18 He 4.00		
3 Li 6.94	2 Be 9.01															9 F 19.00	10 Ne 20.18		
11 Na 22.99	12 Mg 24.31													15 N 14.01	16 O 16.00	17 Cl 35.45	18 Ar 39.95		
19 K 39.10	20 Ca 40.08	3 Sc 44.96	21 Sc 44.96	4 Ti 47.87	5 V 50.94	6 Cr 51.99	7 Mn 54.94	8 Fe 55.85	9 Co 58.93	10 Ni 58.69	11 Cu 63.55	12 Zn 65.38	13 B 10.81	14 C 12.01	15 N 14.01	16 O 16.00	17 Cl 35.45	18 Ar 39.95	
37 Rb 85.47	38 Sr 87.62	39 Y 88.91	40 Zr 91.22	41 Nb 92.91	42 Mo 95.95	43 Tc 98.91	44 Ru 101.07	45 Rh 102.91	46 Pd 106.42	47 Ag 107.87	48 Cd 112.41	49 In 114.82	50 Sn 118.71	51 Sb 121.76	52 Te 127.6	53 I 126.90	54 Xe 131.29	55 Kr 83.80	56 Ba 137.33
55 Cs 132.91	56 Ba 137.33	57-71	72 Hf 178.49	73 Ta 180.95	74 W 183.84	75 Re 186.21	76 Os 190.23	77 Ir 192.22	78 Pt 195.09	79 Au 196.97	80 Hg 200.59	81 Tl 204.38	82 Pb 207.2	83 Bi 208.98	84 Po [208.98]	85 At 209.99	86 Rn 222.02	87 Fr 223.02	88 Ra 226.03
89 Ac 227.03	90 Th 232.04	91 Pa 231.04	92 U 238.03	93 Np 237.05	94 Pu 244.06	95 Am 243.06	96 Cm 247.07	97 Bk 247.07	98 Cf 251.08	99 Es [254]	100 Fm 257.10	101 Md 258.1	102 No 259.10	103 Lr [262]	104 Rf [261]	105 Db [262]	106 Sg [266]	107 Bh [264]	108 Hs [269]
107 Bh [264]	108 Hs [269]	109 Mt [278]	110 Ds [281]	111 Rg [280]	112 Cn [285]	113 Nh [286]	114 Fl [289]	115 Mc [289]	116 Lv [293]	117 Ts [294]	118 Og [294]	119 Uu [295]	120 Uub [296]	121 Uut [297]	122 Uuq [298]	123 Uuq [298]	124 Uuq [298]	125 Uuq [298]	126 Uuq [298]
127 Uuh [299]	128 Uuh [299]	129 Uuh [299]	130 Uuh [299]	131 Uuh [299]	132 Uuh [299]	133 Uuh [299]	134 Uuh [299]	135 Uuh [299]	136 Uuh [299]	137 Uuh [299]	138 Uuh [299]	139 Uuh [299]	140 Uuh [299]	141 Uuh [299]	142 Uuh [299]	143 Uuh [299]	144 Uuh [299]	145 Uuh [299]	146 Uuh [299]
147 Uuq [298]	148 Uuq [298]	149 Uuq [298]	150 Uuq [298]	151 Uuq [298]	152 Uuq [298]	153 Uuq [298]	154 Uuq [298]	155 Uuq [298]	156 Uuq [298]	157 Uuq [298]	158 Uuq [298]	159 Uuq [298]	160 Uuq [298]	161 Uuq [298]	162 Uuq [298]	163 Uuq [298]	164 Uuq [298]	165 Uuq [298]	166 Uuq [298]
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227 Uuq [298]	228 Uuq [298]	229 Uuq [298]	230 Uuq [298]	231 Uuq [298]	232 Uuq [298]	233 Uuq [298]	234 Uuq [298]	235 Uuq [298]	236 Uuq [298]	237 Uuq [298]	238 Uuq [298]	239 Uuq [298]	240 Uuq [298]	241 Uuq [298]	242 Uuq [298]	243 Uuq [298]	244 Uuq [298]	245 Uuq [298]	246 Uuq [298]
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