

PERIODIC TABLE OF COMPOUNDS WITH H* AND Cl

1 H HCl																2 He	
3 Li LiH LiCl	4 Be BeH ₂ BeCl ₂											5 B B ₂ H ₆ * BCl ₃ *	6 C CH ₄ CCl ₄	7 N NH ₃ NCl ₃	8 O H ₂ O	9 F HF	10 Ne
11 Na NaH NaCl	12 Mg MgH ₂ MgCl ₂											13 Al AlH ₃ AlCl ₃	14 Si SiH ₄ * SiCl ₄	15 P PH ₃ * PCl ₃ *	16 S H ₂ S SCl ₂	17 Cl HCl	18 Ar
19 K KH KCl	20 Ca CaH ₂ CaCl ₂	21 Sc ScH ₃ * ScCl ₃	22 Ti TiH ₂ TiCl ₄ *	23 V VH* VCl ₄ *	24 Cr CrCl ₃ *	25 Mn MnCl ₂ *	26 Fe FeCl ₃ *	27 Co CoCl ₂ *	28 Ni NiCl ₂	29 Cu CuCl ₂ *	30 Zn ZnH ₂ ZnCl ₂	31 Ga [GaH ₃] ₂ Ga ₂ Cl ₆ *	32 Ge GeH ₄ * GeCl ₄ *	33 As AsH ₃ * AsCl ₃ *	34 Se H ₂ S SeCl ₂ *	35 Br HBr	36 Kr
37 Rb RbH RbCl	38 Sr SrH ₂ SrCl ₂	39 Y YH ₃ * YCl ₃	40 Zr ZrH ₂ ZrCl ₄ *	41 Nb NbCl ₅ *	42 Mo MoCl ₆ *	43 Tc TcCl ₄ *	44 Ru RuCl ₃ *	45 Rh RhCl ₃	46 Pd PdCl ₂	47 Ag AgCl	48 Cd CdH ₂ CdCl ₂	49 In InH InCl ₃ *	50 Sn SnH ₄ SnCl ₄ *	51 Sb SbH ₃ SbCl ₃ *	52 Te TeCl ₂	53 I HI ICl	54 Xe
55 Cs CsH CsCl	56 Ba BaH ₂ BaCl ₂	57 La LaH ₃ * LaCl ₃	72 Hf HfH ₂ HfCl ₄	73 Ta Ta ₂ H TaCl ₅ *	74 W WCl ₆ *	75 Re ReCl ₄ *	76 Os OsCl ₃ *	77 Ir IrCl ₃ *	78 Pt PtCl ₄ *	79 Au AuCl*	80 Hg HgH ₂ HgCl ₂ *	81 Tl TlCl ₃ *	82 Pb PbH ₄ PbCl ₄ *	83 Bi BiH ₃ BiCl ₃	84 Po PoH ₂ PoCl ₂ *	85 At	86 Rn
87 Fr	88 Ra	89 Ac AcH ₂ AcCl ₃	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Nh	114 Fl	115 Mc	116 Lv	117 Tg	118 Og
			58 Ce CeH ₂ CeCl ₃	59 Pr PrCl ₃	60 Nd NdCl ₃ *	61 Pm PmCl ₃	62 Sm SmCl ₃ *	63 Eu EuCl ₃ *	64 Gd GdCl ₃	65 Tb TbCl ₃	66 Dy DyCl ₃ *	67 Ho HoCl ₃	68 Er ErH ₃ ErCl ₃	69 Tm TmCl ₃ *	70 Yb YbCl ₃	71 Lu LuCl ₃	
			90 Th ThH ₂ ThCl ₄	91 Pa PaCl ₅ *	92 U UH UCl ₆ *	93 Np NpCl ₄ *	94 Pu PuCl ₃	95 Am AmCl ₃ *	96 Cm CmCl ₃	97 Bk BkCl ₃	98 Cf CfCl ₃ *	99 Es EsCl ₃ *	100 Fm	101 Md	102 No	103 Lr	

*In some cases the hydrogen is more electronegative (hydrides) than its partner and in other cases it is more electropositive. An asterisk after a compound indicates that other combinations of the element with H or Cl exist. Formulas obtained from: <http://www.webelements.com/>