

PERIODIC TABLE OF TOXICITIES OF ELEMENTS

LD₅₀ (mg/kg) values for rats¹ of the chlorides¹ of the elements (oxidation state indicated)

| | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------|------------------------------|--|------------------------------|------------------------------|----------------|-------------------------|------------------------------|-----------------|------------------------------|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------|
| 1 H 900 ² 1 | | | | | | | | | | | | | | | | | 2 He |
| 3 Li 526 1 | 4 Be 86 2 | | | | | | | | | | | 5 B 2350 4 | 6 C 2350 4 | 7 N | 8 O | 9 F | 10 Ne |
| 11 Na 3000 1 | 12 Mg 2800 2 | | | | | | | | | | | 13 Al 3450 3 | 14 Si | 15 P 18 3 | 16 S | 17 Cl | 18 Ar |
| 19 K 2600 1 | 20 Ca 1000 2 | 21 Sc 3980 ³ 3 | 22 Ti <464 4 >10000 ⁴ 4 | 23 V 350 3 160 4 | 24 Cr 1870 2 1870 3 | 25 Mn 250 2 | 26 Fe 450 2 450 3 | 27 Co 80 2 | 28 Ni 681 2 | 29 Cu 140 1 584 2 | 30 Zn 360 3 | 31 Ga | 32 Ge | 33 As 48 3 | 34 Se | 35 Br | 36 Kr |
| 37 Rb 4440 1 | 38 Sr 2250 2 | 39 Y | 40 Zr 1688 4 | 41 Nb | 42 Mo 1400 5 | 43 Tc | 44 Ru | 45 Rh | 46 Pd 1302 3 | 47 Ag 2704 2 | 48 Cd 1173 ⁵ 1 | 49 In 88 2 | 50 Sn | 51 Sb 700 2 1115 5 | 52 Te 525 3 | 53 I | 54 Xe |
| 55 Cs 2600 1 | 56 Ba 118 2 | 57 La 4184 3 | 72 Hf 2362 4 | 73 Ta | 74 W | 75 Re | 76 Os | 77 Ir | 78 Pt 3423 2 | 79 Au | 80 Hg 6 ³ 2 26 ⁵ 2 | 81 Tl 24 ³ 1 | 82 Pb 1947 2 | 83 Bi 3334 3 | 84 Po | 85 At | 86 Rn |
| 87 Fr | 88 Ra | 89 Ac | 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 Ts | 118 Og |
| | | | 58 Ce 2111 3 | 59 Pr 2987 ³ 3 | 60 Nd 3692 ³ 3 | 61 Pm | 62 Sm 3073 3 | 63 Eu 3527 ³ 3 | 64 Gd | 65 Tb 3631 ³ 3 | 66 Dy 5443 ³ 3 | 67 Ho 5165 ³ 3 | 68 Er 4417 ³ 3 | 69 Tm 4294 ³ 3 | 70 Yb 4836 ³ 3 | 71 Lu 7074 ³ 3 | |
| | | | 90 Th | 91 Pa | 92 U | 93 Np | 94 Pu | 95 Am | 96 Cm | 97 Bk | 98 Cf | 99 Es | 100 Fm | 101 Md | 102 No | 103 Lr | |

¹ values taken from <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp> for rats and chlorides unless noted otherwise ² rabbit ³ mouse ⁴ oxide ⁵ nitrate