

**APENDIX A**  
**Table 5 - Physical and Toxicological Properties**  
**B. Inorganic Regulated Substances**

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d)-1	RfDi (mg/kg-d)	CSFi (mg/kg-d)-1	Kd
ALUMINUM	7429-90-5	1 N		0.001 N		
ANTIMONY	7440-36-0	0.0004 I		0.0004 lr		45
ARSENIC	7440-38-2	0.0003 I	1.5 I	0.0003 lr	15 I	29
BARIUM AND COMPOUNDS	7440-39-3	0.07 I		0.0001 H		41
BERYLLIUM	7440-41-7				8.4 I	790
BORON AND COMPOUNDS	7440-42-8	0.09 I		0.0057 H		
CADMIUM	7440-43-9	0.0005 I	0.38 C	0.0005 lr	6.3 I	75
CHROMIUM III	16065-83-1	1.5 I				1800000
CHROMIUM VI	18540-29-9	0.003 I	0.19 C	0.00003 I	42 I	19
COBALT	7440-48-4	0.02 N		0.000005 D		
COPPER	7440-50-8	0.0371 H				360
CYANIDE, TOTAL	57-12-5	0.02 I		0.02 lr		9.9
IRON	7439-89-6	0.3 N		0.3 Nr		
LEAD	7439-92-1		0.0085 C		0.042 C	890
MANGANESE	7439-96-5	0.14 I		0.0000143 I		
MERCURY	7439-97-6	0.0003 M		0.000086 I		52
NICKEL	7440-02-0	0.02 I		0.0000571 D	0.84 Is	65
SELENIUM	7782-49-2	0.005 I		0.005 lr		5
SILVER	7440-22-4	0.005 I		0.005 lr		8.3
THALLIUM	7440-28-0	0.00007 I		0.00007 lr		71
TIN	7440-31-5	0.6 H		0.6 Hr		
VANADIUM	7440-62-2	0.007 H		0.000057 D		1000
ZINC	7440-66-6	0.3 I		0.3 lr		62

Toxicity Value Sources:

C = California EPA Cancer Potency Factor

D = ATSDR Minimal Risk Level

H = Health Effects Assessment Summary Table (HEAST)

I = Integrated Risk information System (IRIS)

M = EPA Drinking Water Regulations and Health Advisories

N = EPA NCEA Provisional Values

r = route-to-route extrapolation