

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

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d) <sup>-1</sup>	RfC (mg/m <sup>3</sup> )	IUR (ug/m <sup>3</sup> ) <sub>1</sub>	Kd
ALUMINUM	7429-90-5	1 P		0.005 P		9.9
ANTIMONY	7440-36-0	0.0004 I				45
ARSENIC	7440-38-2	0.0003 I	1.5 I	0.000015 C	0.0043 I	29
BARIUM AND COMPOUNDS	7440-39-3	0.2 I		0.0005 H		41
BERYLLIUM	7440-41-7	0.002 I		0.00002 I	0.0024 I	790
BORON AND COMPOUNDS	7440-42-8	0.2 I		0.02 H		3
CADMIUM	7440-43-9	0.0005 I		0.00001 D	0.0018 I	75
CHROMIUM III	16065-83-1	1.5 I				1,800,000
CHROMIUM VI	18540-29-9	0.003 I	0.5 C	0.000008 I	0.012 I	19
COBALT	7440-48-4	0.0003 P		0.000006 P	0.009 P	45
COPPER	7440-50-8	0.0325 H				430
CYANIDE, FREE	57-12-5	0.0006 I		0.0008 I		9.9
FLUORIDE	16984-48-8	0.04 C		0.013 C		
IRON	7439-89-6	0.7 P				25
LEAD	7439-92-1		0.0085 C		0.000012 C	900
LITHIUM	7439-93-2	0.002 P				300
MANGANESE	7439-96-5	0.14 I		0.00005 I		65
MERCURY	7439-97-6	0.00016 C		0.0003 I		52
MOLYBDENUM	7439-98-7	0.005 I				20
NICKEL	7440-02-0	0.02 I		0.00009 D	0.00024 Is	65
NITRATE NITROGEN	14797-55-8	1.6 I				
NITRITE NITROGEN	14797-65-0	0.1 I				
PERCHLORATE	7790-98-9	0.0007 I				0
SELENIUM	7782-49-2	0.005 I		0.02 C		5
SILVER	7440-22-4	0.005 I				8.3
STRONTIUM	7440-24-6	0.6 I				
THALLIUM	7440-28-0	0.00001 X				71
TIN	7440-31-5	0.6 H				250
VANADIUM	7440-62-2	0.005 Id		0.0001 D		1000
ZINC	7440-66-6	0.3 I				62

Toxicity Value Sources:

C = California EPA                      I = Integrated Risk Information System (IRIS)                      H = Health Effects Assessment Summary Table (HEAST)  
D = ATSDR Minimal Risk Level                      P = EPA Provisional Peer-Reviewed Toxicity Value                      X = EPA Provisional Peer-Reviewed Toxicity Value Appendix  
Id = Value derived from IRIS oral RfD for Vanadium Pentoxide (0.009 mg/kg-day). Vanadium constitutes 56% of the molecular weight of the Vanadium Pentoxide molecule. 0.009 mg/kg-day × 0.56 = 0.005 mg/kg-day.