

APPENDIX 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
BORON AND COMPOUNDS	7440-42-8	[0.09] <u>0.2</u> I		0.0057 H		<u>3</u>
COBALT	7440-48-4	0.02 N		0.0000057 D	<u>9.8</u> N	<u>45</u>
COPPER	7440-50-8	[0.0371] <u>0.037</u> H				[360] <u>430</u>
CYANIDE, FREE	57-12-5	0.02 I		0.02 Ir		9.9
IRON	7439-89-6	0.3 N		0.3 Nr		<u>25</u>
LEAD	7439-92-1		0.0085 C		0.042 C	[890] <u>900</u>
LITHIUM	<u>7439-93-2</u>	<u>0.02</u> N		<u>0.02</u> Nr		<u>300</u>
MANGANESE	7439-96-5	[0.14] <u>0.02</u> I		[0.0000143] <u>0.000014</u> I		<u>65</u>
NICKEL	7440-02-0	0.02 I		[0.000057] <u>0.000026</u> D	0.84 Is	65
SELENIUM	7782-49-2	0.005 I		0.005 Ir		5
TIN	7440-31-5	0.6 H		0.6 Hr		<u>250</u>

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

s = surrogate