

Annex A
TITLE 25. ENVIRONMENTAL PROTECTION
PART I. DEPARTMENT OF ENVIRONMENTAL PROTECTION
SUBPART D. ENVIRONMENTAL HEALTH AND SAFETY
ARTICLE VI. GENERAL HEALTH AND SAFETY
CHAPTER 250. ADMINISTRATION OF LAND RECYCLING PROGRAM

Appendix A
Table 4 – Medium-Specific Concentrations (MSCs) for Inorganic Regulated Substances in Soil
A. Direct Contact Numeric Values

REGULATED SUBSTANCE	CASRN	Residential MSC 0-15 feet	Nonresidential MSCs				
			Surface Soil 0-2 feet	Subsurface Soil 2-15 feet			
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CHROMIUM VI	18540-29-9	[37] <u>27</u>	G	[180] <u>570</u>	G	[140,000] <u>150,000</u>	N
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All concentrations in mg/kg
 G – Ingestion
 N – Inhalation

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

<i>Regulated Substance</i>	<i>CAS</i>	<i>RfDo</i> <i>(mg/kg-d)</i>	<i>CSFo</i> <i>(mg/kg-d)⁻¹</i>	<i>RfCi</i> <i>(mg/m³)</i>	<i>IUR</i> <i>(ug/m³)⁻¹</i>	<i>Kd</i>
* * * * *						
CHROMIUM VI	18540-29-9	[0.003] 0.0009	[0.5] 0.16	[C]	[0.000008] 0.00003	[0.012] 0.011
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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)

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