

Toxicity Values for the TEACH Chemical Summary

Chemical Name: Manganese

Tox Value	Link	Date Last Revised	Value	Critical Effect(s)	Children's Studies?	Uncertainty Factors and Other Info
RfD	www.epa.gov/iris/su bst/0373.htm	05/01/1996	1.4 E-1 mg/kg/day	CNS effects	Two supporting studies	UF=1; MF=1, when dealing with food; MF=3 when dealing with soil or water
RfC	www.epa.gov/iris/su bst/0373.htm	12/01/1993	5 E-5 mg/cu.m	Impairment of neurobehavioral function	Two supporting studies	UF=1000: 10 for sensitive individuals, 10 for use of a LOAEL, and 10 for database limitations; MF=1
Cancer Oral Slope Factor	www.epa.gov/iris/su bst/0373.htm	12/01/1996	N/A			Classification – D; not classifiable as to human carcinogenicity; existing studies are inadequate to assess the carcinogenicity
Cancer Drinking Water Unit Risk	www.epa.gov/iris/su bst/0373.htm	12/01/1996	N/A			
Drinking Water Concentrations at Specified Risk Levels	www.epa.gov/iris/su bst/0373.htm	12/01/1996	N/A			
MRL	www.atsdr.cdc.gov/mrls.html	09/00	Inhalation Chronic = 0.00004 mg/m ³	Neurological		Factor = 500
MCL (drinking water)	www.epa.gov/safewater/mcl.html#mcls	N/A				
MCLG (drinking water)	same as MCL	N/A				
Drinking Water Advisories (10-kg child)	www.epa.gov/ost/drinking/standards/dwstandards.pdf	N/A				