

Toxicity Values for the TEACH Chemical Summary

Chemical Name: Trichloroethylene (TCE)

Tox Value	Link	Date Last Revised	Value	Critical Effect(s)	Children's Studies?	Uncertainty Factors and Other Info
RfD	www.epa.gov/iris/subst/0199.htm	8/01/1992	N/A			RfD of 0.007 mg/kg-day was found in the drinking water health advisories
RfC	www.epa.gov/iris/subst/0199.htm	N/A				
Cancer Oral Slope Factor	www.epa.gov/iris/subst/0199.htm	7/1/1989	Withdrawn			The carcinogen assessment summary for this substance has been withdrawn following further review. A new carcinogen summary is in preparation by the CRAVE Work Group.
Cancer Drinking Water Unit Risk	www.epa.gov/iris/subst/0199.htm	N/A				
Drinking Water Concentrations at Specified Risk Levels	www.epa.gov/iris/subst/0199.htm	04/01/1997	Withdrawn			Drinking Water Health Advisories, EPA Regulatory Actions, and Supplementary Data were removed from IRIS on or before April 1997. IRIS users were directed to the appropriate EPA Program Offices.
MRL	www.atsdr.cdc.gov/mrls.html	09/97	Inhalation Acute = 2 ppm	Neurological		Factor = 30
			Inhalation Int.= 0.1 ppm	Neurological		Factor = 300
			Oral Acute = 0.2 mg/kg-day	Developmental		Factor = 300
MCL (drinking water)	www.epa.gov/safewater/mcl.html#mcls	July 2002	0.005 mg/L	Liver problems; increased risk of cancer		Sources: Discharge from metal degreasing sites and other factories
MCLG (drinking water)	same as MCL	July 2002	Zero			

Drinking Water Advisories (10- kg child)	www.epa.gov/ost/drinking/standards/dw_standards.pdf	Winter 2004	Under Review			
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