

7. REGULATIONS AND ADVISORIES

National regulations and guidelines pertinent to human exposure to 1,2,3-trichloropropane are summarized in Table 7-1. Guidance from the World Health Organization and the International Agency for Research on Cancer is not available.

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TABLE 7-1. Regulations and Guidelines Applicable to 1,2,3-Trichloropropane

Agency	Description	Information	References
<u>NATIONAL</u>			
Regulations:			
a. Air:			
OSHA	PEL	50 ppm (300 mg/m ³)	OSHA 1989 (29 CFR 1910)
	TWA	10 ppm (60 mg/m ³)	OSHA 1989 (29 CFR 1910)
Guidelines:			
a. Air:			
ACGIH	TLV-TWA (skin)	10 ppm (60 mg/m ³)	ACGIH 1989
b. Water:			
EPA ODW	Health advisories		IRIS 1991
	Longer-term, child	0.6 mg/L	
	Longer-term, adult	2 mg/L	
	DWEL (lifetime)	0.2 mg/L	
c. Other:			
EPA	RfD (oral)	6x10 ⁻³ mg/kg/day	IRIS 1991
<u>STATE</u>			
Regulations and Guidelines:			
a. Air:	Acceptable ambient air concentrations		NATICH 1988
Connecticut		6 mg/m ³ (8-hr avg)	
North Dakota		3 mg/m ³ (8-hr avg)	
		4.5 mg/m ³ (1-hr avg)	
Nevada		7.143 mg/m ³ (8-hr avg)	
Virginia		5 mg/m ³ (24-hr avg)	

ACGIH = American Conference of Governmental Industrial Hygienists
 avg = average
 DWEL = Drinking Water Equivalent Level
 EPA = Environmental Protection Agency
 hr = hour
 OSHA = Occupational Safety and Health Administration
 PEL = Permissible Exposure Limit
 RfD = Reference dose
 TLV = Threshold Limit Value
 TWA = Time-Weighted Average