

7. REGULATIONS AND ADVISORIES

The international, national, and state regulations and advisories pertaining to 1,1-dichloroethane in air, water, and food are summarized in Table 7-1.

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TABLE 7-1. Regulations and Guidelines Applicable to 1,1-Dichloroethane

Agency	Description	Value	References
<u>National</u>			
Regulations:			
a. Air:			
OSHA	PEL TWA	400 mg/m ³	OSHA 1988b (29 CFR 1910.1000)
b. Water:			
EPA	MCL	No data	
c. Other:			
EPA OERR	Reportable quantity	1,000 lb	EPA 1988b (40 CFR 302)
Guidelines:			
a. Air:			
ACGIH	TLV TWA	810 mg/m ³	ACGIH 1986
	STEL	1,010 mg/m ³	
NIOSH	IDLH	4,000 ppm	NIOSH 1985
<u>State</u>			
a. Air:			
	Acceptable ambient air concentration guidelines and standards		NATICH 1987
Connecticut		8,000 µg/m ³ (8 hr)	
Nevada		19.3 µg/m ³ (8 hr)	
North Dakota		8.1 mg/m ³	
Virginia		13,500 µg/m ³ (24 hr)	
b. Water:			
	Drinking water standards		FSTRAC 1988
New Mexico		25 mg/L	
	Drinking water guidelines		
California		28 µg/L	
Illinois		1 µg/L	
Vermont		70 µg/L	
Wisconsin		850 µg/L	

OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit; TWA = Time Weighted Average; EPA = Environmental Protection Agency; MCL = Maximum Contaminant Level; OERR = Office of Emergency and Remedial Response; ACGIH = American Conference of Governmental Industrial Hygienists; TLV = Threshold Limit Value; STEL = Short Term Exposure Limit; NIOSH = National Institute for Occupational Safety and Health; IDLH = Immediately Dangerous to Life or Health.