

## **7. REGULATIONS AND ADVISORIES**

National and state regulations and guidelines pertinent to human exposure to cresols are summarized in Table 7-1.

## 7. REGULATIONS AND ADVISORIES

TABLE 7-1. Regulations and Guidelines Applicable to Cresols

Agency	Description	Information	References
<b><u>NATIONAL</u></b>			
Regulations:			
a. Air:			
OSHA	PEL	22 mg/m <sup>3</sup>	OSHA 1989 (29 CFR 1910)
	TWA	22 mg/m <sup>3</sup>	54 FR 2922 (01/19/89)
b. Other:			
EPA OERR	Reportable quantity	1000 pounds	40 CFR 117,302 51 FR 34541 (09/29/86)
Guidelines:			
a. Air:			
ACGIH	TWA	22 mg/m <sup>3</sup>	ACGIH 1989
b. Non-specific:			
EPA	RfD for chronic oral exposure	0.05 mg/kg/d	IRIS 1981
<b><u>STATE</u></b>			
Regulations and Guidelines:			
a. Air:	Acceptable ambient limits of toxic air pollutants		NATICH 1987
<b><u>Cresols</u></b>			
Connecticut		200 µg/m <sup>3</sup> 8 hr	
North Carolina		2220 µg/m <sup>3</sup> 1 hr	
North Dakota		220 µg/m <sup>3</sup> 8 hr	
Nevada		524 µg/m <sup>3</sup> 8 hr	
New York		73 µg/m <sup>3</sup> 1 yr	
South Carolina		220 µg/m <sup>3</sup> 24 hr	
<b><u>ortho-Cresol</u></b>			
Florida (Tampa)		220 µg/m <sup>3</sup> 8 hr	
Indiana		110 µg/m <sup>3</sup> 8 hr	
New York		73 µg/m <sup>3</sup> 1 yr	
Virginia		370 µg/m <sup>3</sup> 4 hr	
<b><u>para-Cresol</u></b>			
Florida (Tampa)		220 µg/m <sup>3</sup> 8 hr	
Massachusetts		12 µg/m <sup>3</sup> 24 hr	
New York		73 µg/m <sup>3</sup> 1 yr	
Virginia		370 µg/m <sup>3</sup> 24 hr	
<b><u>meta-Cresol</u></b>			
Florida (Tampa)		220 µg/m <sup>3</sup> 8 hr	
New York		73 µg/m <sup>3</sup> 1 yr	
Virginia		370 µg/m <sup>3</sup> 24 hr	

ACGIH = American Conference of Governmental Industrial Hygienists  
EPA = Environmental Protection Agency  
hr = hour  
OERR = Office of Emergency and Remedial Response  
OSHA = Occupational Safety and Health Administration  
PEL = Permissible Exposure Limit  
RfD = Reference Dose  
TWA = Time-Weighted Average  
yr = year