

## **7. REGULATIONS AND ADVISORIES**

Because of its potential to cause adverse health effects in exposed people, a number of regulations and guidelines have been established for pyridine by various national and state agencies. These values are summarized in Table 7-1.

## 7. REGULATIONS AND ADVISORIES

TABLE 7-1. Regulations and Guidelines Applicable to Pyridine

Agency	Description	Information	References
<u>NATIONAL</u>			
Regulations:			
a. Air:			
OSHA	PEL TWA	5 ppm (15 mg/m <sup>3</sup> )	OSHA 1989 (29 CFR 1910.1000) Table Z-1-A
b. Food:			
FDA	Food additive - synthetic flavoring substance component of poly- carbonate	Yes	21 CFR 172.515
	resins - indirect food additive	Yes	21 CFR 177.1580
c. Other:			
EPA OERR	Reportable quantity	1,000 lbs	EPA 1989c (40 CFR 302.4)
EPA OSW	Hazardous Waste Constituent (Appendix VIII)	Yes	EPA 1980 (40 CFR 261)
	Groundwater monitoring list (Appendix IX)	Yes	EPA 1987 (40 CFR 264)
	Land disposal restrictions (proposed)	Yes	EPA 1989b (40 CFR 268)
EPA OTS	Toxic chemical release reporting rule	Yes	EPA 1988a (40 CFR 372)
	Health and safety data reporting rule	Yes	EPA 1988b (40 CFR 716.120)
	Preliminary assessment information reporting rule	Yes	EPA 1982a (40 CFR 712.30)
Guidelines:			
a. Air:			
ACGIH	TLV TWA	5 ppm (15 mg/m <sup>3</sup> )	ACGIH 1986
	STEL	10 ppm (30 mg/m <sup>3</sup> )	
NIOSH	IDLH	3,600 ppm	NIOSH 1985
b. Other:			
EPA	Oral RfD	1x10 <sup>-3</sup> mg/kg/day	IRIS 1989
<u>STATE</u>			
Regulations and guidelines:			
a. Air:	Acceptable ambient air concentrations		NATICH 1989
Connecticut		300 µg/m <sup>3</sup> (8 hr)	
Florida (Tampa)		0.3 µg/m <sup>3</sup> (8 hr)	
Indiana		150 µg/m <sup>3</sup> (8 hr)	
Kansas		35.7 µg/m <sup>3</sup> (annual)	
Nevada		0.357 µg/m <sup>3</sup> (8 hr)	
New York		2.0 µg/m <sup>3</sup> (1 yr)	
North Dakota		0.30 µg/m <sup>3</sup> (18 hr)	
Vermont		0.15 µg/m <sup>3</sup> (8 hr)	
Virginia		357 µg/m <sup>3</sup> (annual) 250 µg/m <sup>3</sup> (24 hr)	

ACGIH = American Conference of Governmental Industrial Hygienists; EPA = Environmental Protection Agency; FDA = Food and Drug Administration; IDLH = Immediately Dangerous to Life or Health Level; NIOSH = National Institute for Occupational Safety and Health; ODW = Office of Drinking Water; OERR = Office of Emergency and Remedial Response; OSHA = Occupational Safety and Health Administration; OSW = Office of Solid Wastes; OTS = Office of Toxic Substances; PEL = Permissible Exposure Limit; RfD = reference dose; STEL = Short Term Exposure Limit; TLV = Threshold Limit Value; TWA = Time-Weighted Average