

7. REGULATIONS AND ADVISORIES

The international, national, and state regulations and guidelines pertinent to human exposure to 1,2-dibromo-3-chloropropane are summarized in Table 7-1.

7. REGULATIONS AND ADVISORIES

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

Agency	Description	Information	References
<u>INTERNATIONAL</u>			
IARC	Carcinogenic classification	Group 2B ^a	IARC 1979, 1987
<u>NATIONAL</u>			
Regulations:			
a. Air: OSHA	PEL	1 ppb	OSHA 1988 (29 CFR 1910.1044)
b. Water: EPA	PQL	100 µg/L	EPA 1987a (40 CFR 264 and 270)
c. Other: EPA	Reportable quantity (ruled)	1 pound (0.454 kg)	EPA 1985e (40 CFR 117 and 302)
Guidelines:			
a. Air: NIOSH	Occupational carcinogen	Lowest feasible concentration	NIOSH 1990
b. Water: EPA ODW	1-day Health Advisory: Child Adult	0.2 mg/day 1.4 mg/day	EPA 1985a EPA 1985a
	10-day Health Advisory: Child	0.05 mg/day	EPA 1987b
c. Other: EPA EPA NTP	RfC Carcinogenic classification Carcinogenic classification	2.0×10 ⁻⁴ mg/m ³ Pending Positive	IRIS 1991 IRIS 1991 NTP 1991
<u>STATE</u>			
Regulations and Guidelines:			
a. Air:	Acceptable ambient air concentrations		
Connecticut		0.05 µg/m ³ per 8 hours	EPA 1988c; NATICH 1988
Nevada		0.00	EPA 1988c; NATICH 1988
Pennsylvania		0.10 ppb	EPA 1988c; NATICH 1988
Kentucky		5.1×10 ⁻⁷ pounds per 1 hour	State of Kentucky 1986

7. REGULATIONS AND ADVISORIES

TABLE 7-1 (Continued)

Agency	Description	Information	References
<u>STATE</u> (Cont.)			
b. Water:	Acceptable ambient water concentrations		
Arizona		0.025 $\mu\text{g/L}$	FSTRAC 1988
California		1.00 $\mu\text{g/L}$	FSTRAC 1988
Minnesota		0.25 $\mu\text{g/L}$	FSTRAC 1988
Wisconsin		0.50 $\mu\text{g/L}$	FSTRAC 1988

*Group 2B = Possible human carcinogen.

EPA = Environmental Protection Agency
 IARC = International Agency for Research on Cancer
 NIOSH = National Institute for Occupational Safety and Health
 NTP = National Toxicology Program
 ODW = Office of Drinking Water
 OSHA = Occupational Safety and Health Administration
 PEL = permissible exposure limit
 RFC = reference concentration
 PQL = permissible quantity limit

