

7. REGULATIONS AND ADVISORIES

The international, national, and state regulations and guidelines regarding di-*n*-octylphthalate in air, water, and other media are summarized in Table 7-1.

ATSDR has derived an MRL of 3 mg/kg/day for acute-duration oral exposure in humans; this MRL is based on a LOAEL of 1,000 mg/kg/day in rats (Lake et al. 1986).

ATSDR has derived an MRL of 0.4 mg/kg/day for intermediate-duration oral exposure in humans; this MRL is based on a NOAEL of 40.8 mg/kg/day in rats (Poon et al. 1995).

An oral reference dose (RfD) is currently pending by EPA (IRIS 1995).

Neither EPA or IARC has classified di-*n*-octylphthalate as to its carcinogenicity.

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TABLE 7-1. Regulations and Guidelines Applicable to Di-*n*-octylphthalate

Agency	Description	Information	Reference
<u>NATIONAL</u>			
Regulations:			
a. Water:			
EPA OWRS	General permits under NPDES	Yes	EPA 1995c (40 CFR 122, Appendix D)
	General Pretreatment Regulations for Existing and New Sources of Pollution	Yes	EPA 1995d (40 CFR 403, Appendix B)
b. Food:			
FDA	Component of adhesives	Yes	FDA 1995a (21 CFR 175.105)
	Use in rubber articles intended for repeated use	Yes	FDA 1995b (21 CFR 177.2600)
c. Other:			
EPA OERR	Reportable quantity	5000 pounds	EPA 1995i (40 CFR 302.4)
EPA OSW	Hazardous Waste Constituent (Appendix VIII)	Yes	EPA 1995f (40 CFR 261, Appendix VIII)
	Groundwater Monitoring List (Appendix IX)	Yes	EPA 1995g (40 CFR 264, Appendix IX)
	Land Disposal Restrictions	Yes	EPA 1995e (40 CFR 268)
EPA OTS	Toxic Chemical Release Reporting Rule	No ^a	EPA 1995h (40 CFR 372)
	Health and Safety Data Reporting Rule	No	EPA 1995b (40 CFR 716.120)
	Preliminary Assessment Information Reporting Rule	Yes	EPA 1995a (40 CFR 712.30)

^aDelisted, effective 10/05/93. "EPA concluded that there is not sufficient evidence to establish that DNOP causes adverse acute human health effects, chronic human health effects, or environmental toxicity." [FR 58(19):51785].

EPA = Environmental Protection Agency; FDA = Food and Drug Administration; NPDES = National Pollutant Discharge Elimination System; OERR = Office of Emergency and Remedial Response; OSW = Office of Solid Waste; OTS = Office of Toxic Substances; OWRS = Office of Water Regulations and Standards