

TITLE 22, CALIFORNIA CODE OF REGULATIONS

CHAPTER 3. SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

ARTICLE 8. NO OBSERVABLE EFFECT LEVELS

Section 12805. Specific Regulatory Levels: Chemicals Causing Reproductive Toxicity

Amend Section 12805 (b) as follows:

<i>(b) Chemical Name</i>	<i>Level (micrograms/day)<sup>a</sup></i>
Benzene	24 (oral) 49 (inhalation)
Cadmium	4.1 (oral)
2,4-DB (2,4-dichlorophenoxybutyric acid)	910
1,2-Dibromo-3-chloropropane (DBCP)	3.1 (oral) 4.3 (inhalation)
Di(2-ethylhexyl)phthalate (DEHP), for intravenous exposures only	4200 (adults) 600 (infant boys, age 29 days- 24 months) 210 (neonatal infant boys, age 0-28 days) [Levels for male children and adolescents can be calculated by application of the default bodyweights specified in Section 12703(a)(8) to the procedure specified in Sections 12801 and 12803]
Di(2-ethylhexyl)phthalate (DEHP), for oral exposures only	410 (adults) 58 (infant boys, age 29 days-24 months) 20 (neonatal infant boys, age 0-28 days) [Levels for male children and adolescents can be calculated by application of the default bodyweights specified in Section 12703(a)(8) to the procedure specified in Sections 12801 and 12803]
<u>Di-n-hexyl phthalate (DnHP)</u>	<u>2,200 (oral)</u>
m-Dinitrobenzene	38
Disodium cyanodithiomidocarbonate	56 (oral) [170 (oral) for a 32% pesticidal formulation]
Ethyl dipropylthiocarbamate	700 (oral and inhalation) 6700 (dermal)
Ethylene glycol monoethyl ether (EGEE)	750 (oral) 960 (inhalation)

Ethylene glycol monoethyl ether acetate (EGEEA)	1100 (oral) 1400 (inhalation)
Ethylene glycol monomethyl ether	63 (oral)
Ethylene glycol monomethyl ether acetate	98 (oral)
Ethylene oxide	20
Hydramethylnon	120 (oral)
Lead	0.5
Linuron	460
Methyl bromide as a structural fumigant	810 (inhalation)
N-Methylpyrrolidone	3200 (inhalation) 17000(dermal)
Potassium dimethyldithiocarbamate	720
Quizalofop-ethyl	590
Sodium dimethyldithiocarbamate	23 (oral) [58 (oral) for a 40% pesticidal formulation]
Thiophanate-methyl	600 (oral)
Toluene	7000 <sup>b</sup>

a Where a source or product results in exposures by multiple routes, the total exposure must be considered. For example, the MADL for benzene is exceeded when the absorbed dose exceeds 24 µg/day. If only inhalation and oral exposure occurs, the benzene MADL is exceeded when:  $(\text{oral dose} \div 24 \mu\text{g/day}) + (\text{inhalation dose} \div 49 \mu\text{g/day}) > 1.0$ .

b Level represents absorbed dose (rounded from 6,525 µg/day). Since 100% of ingested toluene is absorbed, oral dose is equivalent to administered dose. It is assumed that roughly 50% of the dose administered by the inhalation route is absorbed. Therefore the MADL for inhaled toluene is 13,000 µg/day (rounded from 13,050 µg/day), corresponding to an absorbed dose of 6,525 µg/day.