

## Chapter NR 140

APPENDIX I TO TABLE 1  
PUBLIC HEALTH GROUNDWATER QUALITY STANDARDS

Substance	CAS RN <sup>1</sup>	Common synonyms/Trade name <sup>2</sup>
Acetone	67-64-1	Propanone
Alachlor	15972-60-8	Lasso
Aldicarb	116-06-3	Temik
Asbestos	12001-29-5	
Benzene	71-43-2	
Benzo(a)pyrene	50-32-8	
Bromodichloromethane	75-27-4	Dichlorobromomethane
Bromoform	75-25-2	Tribromomethane
Bromomethane	74-83-9	Methyl bromide
Butylate	2008-41-5	
Carbaryl	63-25-2	Sevin
Carbofuran	1563-66-2	Furadan
Carbon tetrachloride	56-23-5	
Chloramben	133-90-4	
Chlordane	57-74-9	
Chloroethane	75-00-3	Ethyl chloride
Chloroform	67-66-3	Trichloromethane
Chloromethane	74-87-3	Methyl chloride
Cyanazine	21725-46-2	
Cyanide	57-12-5	
Dacthal	1861-32-1	
Dibromochloromethane	124-48-1	Chlorodibromomethane
1,2-Dibromo-3-chloropropane	96-12-8	DBCP, Dibromochloropropane
1,2-Dibromoethane	106-93-4	EDB, Ethylene dibromide, Dibromoethane
Dicamba	1918-00-9	Banvel
1,2-Dichlorobenzene	95-50-1	o-Dichlorobenzene
1,3-Dichlorobenzene	541-73-1	m-Dichlorobenzene
1,4-Dichlorobenzene	106-46-7	p-Dichlorobenzene
Dichlorodifluoromethane	75-71-8	Freon 12
1,1-Dichloroethane	75-34-3	
1,2-Dichloroethane	107-06-2	DCE, Ethylene dichloride
1,1-Dichloroethylene	75-35-4	1,1-DCB, 1,1-Dichloroethene
1,2-Dichloroethylene (cis)	156-59-2	cis-Dichloroethylene
1,2-Dichloroethylene (trans)	156-60-5	trans-1,2-Dichloroethylene
2,4-Dichlorophenoxyacetic acid	94-75-7	2,4-D
1,2-Dichloropropane	78-87-5	Propylene dichloride
1,3-Dichloropropene (cis/trans)		Telone
Di(2-ethylhexyl) phthalate	117-81-7	DEHP, Bis(2-ethylhexyl) phthalate
Dimethoate	60-51-5	
2,4-Dinitrotoluene	121-14-2	2,4-DNT
2,6-Dinitrotoluene	606-20-2	2,6-DNT
Dinoseb	88-85-7	
Dioxins	1746-01-6	2,3,7,8-TCDD
Endrin	72-20-8	
EPTC	759-94-4	Eptam, Eradicane
Ethylbenzene	100-41-4	
Ethylene glycol	107-21-1	
Fluorene	86-73-7	
Fluoride	14984-48-8	
Fluorotrichloromethane	75-69-4	Freon 11, Trichlorofluoromethane

Formaldehyde	50-00-0	
Heptachlor	76-44-8	
Heptachlor epoxide	1024-57-3	
Hexachlorobenzene	118-74-1	Perchlorobenzene, <i>Granox</i>
Lindane	58-89-9	
Mercury	7439-97-6	
Methoxychlor	72-43-5	
Methylene chloride	75-09-2	Dichloromethane
Methyl ethyl ketone	78-93-3	MEK, 2-Butanone
Methyl isobutyl ketone	108-10-1	MIBK, 4-Methyl-2-pentanone, Isopropylacetone, <i>Hexone</i>
Methyl tert-butyl ether	1634-04-4	MTBE, 2-Methoxy-2-methyl-propane, tert-Butyl methyl ether
Metolachlor	51218-45-2	Dual
Metribuzin	21087-64-9	Sencor, Lexone
Monochlorobenzene	108-90-7	Chlorobenzene
Naphthalene	91-20-3	
Pentachlorophenol	87-86-5	PCP
Phenol	108-95-2	
Picloram	1918-02-1	Tordon
Polychlorinated biphenyls <sup>4</sup>		PCBs
Simazine	122-34-9	Princep
Styrene	100-42-5	Ethenylbenzene
1,1,2,2-Tetrachloroethane	79-34-5	TCA
Tetrachloroethylene	127-18-4	Perchloroethylene
Tetrahydrofuran	109-99-9	
Toluene	108-88-3	
Toxaphene	8001-35-2	
1,2,4-Trichlorobenzene	120-82-1	
1,1,1-Trichloroethane	71-55-6	Methyl chloroform
1,1,2-Trichloroethane	79-00-5	
Trichloroethylene	79-01-6	TCE
2,4,5-Trichlorophenoxypropionic acid	93-72-1	2,4,5-TP, Silvex
Trifluralin	1582-09-8	Treflan
Vinyl chloride	75-01-4	
Xylene <sup>5</sup>		

<sup>1</sup>Chemical Abstracts Service (CAS) registry numbers are unique numbers assigned to a chemical substance. The CAS registry numbers were published by the U.S. Environmental Protection Agency in 40 CFR Part 264, Appendix IV

<sup>2</sup>Common synonyms include those widely used in government regulations, scientific publications, commerce and the general public. A trade name, also known as the proprietary name, is the specific, registered name given by a manufacturer to a product. Trade names are listed in *italics*. Common synonyms and trade names should be cross-referenced with CAS registry number to ensure the correct substance is identified.

<sup>3</sup>This is a combined chemical substance which includes *cis* 1,3-Dichloropropene (CAS RN 10061-01-5) and *trans* 1,3-Dichloropropene (CAS RN 10061-02-6).

<sup>4</sup>Polychlorinated biphenyls (CAS RN 1336-36-3); this category contains congener chemicals (same molecular composition, different molecular structure and formula). Including constituents of Aroclor-1016 (CAS RN 12674-11-2), Aroclor-1221 (CAS RN 11104-28-2), Aroclor-1232 (CAS RN 11141-16-5), Aroclor-1242 (CAS RN 53469-21-9), Aroclor-1248 (CAS RN 12672-29-6), Aroclor-1254 (CAS RN 11097-69-1), and Aroclor-1260 (CAS RN 11096-82-5).

<sup>5</sup>Xylene (CAS RN 1330-20-7) refers to a mixture of three isomers, *meta*-xylene (CAS RN 108-38-3), *ortho*-xylene (CAS RN 95-47-6), and *para*-xylene (CAS RN 106-42-3)