

Health Effects of Water Pollutants

Multi-Pure Drinking Water Systems reduce a wide range of contaminants of health concern plus chlorine, chloramine and particulate matter. Below is a summary of the tested contaminants and their noted health effects. Please check Performance Data Sheet for specific claims for your model.

Contaminants Removed by Multi-Pure Drinking Water Systems

CONTAMINANT	HEALTH EFFECTS
ARSENIC RULE	
Arsenic V *	Cancer risk/cardiovascular and dermal effects
PESTICIDES	
2,4-D	Nervous system, Liver and kidney damage
Carbofuran (Furadan)	Nervous system, kidney, reproductive system, and liver damage; anemia, leukemia
Chlordane	Nervous system and muscle damage; cancer
cis-1,3-Dichloropropylene	Bladder and kidney damage
Endrin	Nervous system, kidney, liver, heart damage; anemia, cancer
Heptachlor	Cancer
Heptachlor Epoxide	Cancer
Lindane	Nervous system, liver, kidney damage
Methoxychlor	Nervous system, kidney, liver damage; anemia, cancer
Toxaphene	Endocrine Distruptor, cancer
HERBICIDES	
Alachlor	Cancer; nervous system damage
Atrazine	Cancer; nervous system and mammary glands damage
Dinoseb	Thyroid, reproductive organ damage
Pentachlorophenol	Liver and kidney damage; cancer
2,4,5-TP (Silvex)	Nervous system, liver, and kidney damage; cancer
Simazine	Nervous system damage; cancer
CHEMICALS	
Benzene	Cancer, leukemia, and anemia
Carbon Tetrachloride	Cancer
Chlorobenzene (Monochlorobenzene)	Nervous system, kidney, liver damage
DBCP (Dibromochloropropane)	Reproductive system damage; cancer
o-Dichlorobenzene	Cancer, Kidney, liver, and lung damage
p-Dichlorobenzene (para-Dichlorobenzene)	Cancer
1,2-Dichloroethane (1,2-DCA)	Cancer
trans-1,2-Dichloroethylene	Liver, kidney, nervous, circulatory system damage
1,1-Dichloroethylene (1,1-DCE)	Cancer, kidney, and liver damage
cis 1,2-Dichloroethylene	Liver, kidney, nervous & circulatory system damage
1,2-Dichloropropane	Nervous system, kidney, and liver damage
Ethylbenzene	Nervous system, liver, and kidney damage
EDB (Ethylene Dibromide)	Reproductive and other organ damage
Hexachlorobutadiene (Perchlorobutadiene)	Pending study

CONTAMINANT

HEALTH EFFECTS

<p>Hexachlorocyclopentadiene meta-Xylene Methyl Tert Butyl Ether (MTBE) o-Xylene (Ortho-Xylene) para-Xylene Polychlorinated biphenyls (PCBs) Styrene 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene (Methylbenzene) 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane (1,1,1-TCA) 1,1,2-Trichloroethane Trichloroethylene (TCE)</p>	<p>Kidney and stomach damage Nervous system, liver, kidneys, lungs, and mucous membranes Lymphoma, leukemia, testicular tumors, thyroid tumors, kidney tumors Nervous system, liver, kidneys, lungs, and mucous membranes Nervous system, liver, kidneys, lungs, and mucous membranes Endocrine Distruptor; cancer Nervous system, kidney, and liver damage Pending study Nervous system damage; cancer Nervous system, liver, and kidney damage Liver and kidney damage Nervous system and liver damage Kidney, liver, and Nervous system damage Cancer</p>
<p>DISINFECTION BY-PRODUCTS (DBPs; VOCs) Chloropicrin Haloacetonitriles Bromochloroacetonitrile Dibromoacetonitrile Dichloroacetonitrile Trichloroacetonitrile) Haloketones (HK) 1,1-Dichloro-2-Propanone 1,1,-Trichloro-2-Propanone Tribromoacetic Acid Trihalomethanes (THMs; TTHMs) Bromodichloromethane Bromoform Chloroform Dibromochloromethane</p>	<p>Pending study. Fumigant; soil insecticide; war gas Pending study Pending study Pending study Cancer and other effects; reproductive problems Cancer, liver, kidney and reproductive problems Cancer, nervous system, liver, and kidney effects Cancer, liver, kidney, and reproductive effects Nervous system, liver, kidney, reproductive effects</p>
<p>CYSTS Cryptosporidium Giardia</p>	<p>Gastroenteric diseases Gastroenteric diseases</p>
<p>HEAVY METALS Lead Mercury</p>	<p>Nervous system and kidney damage; highly toxic to infants and pregnant women Kidney, nervous system disorders</p>
<p>INORGANICS Asbestos Turbidity Perchlorate (man-made anion)**</p>	<p>Cancer Interferes with disinfection, related to disinfection by-products Interferes with the function of the thyroid</p>
<p>AESTHETIC TREATMENT Chlorine Chloramines Particulate Matter</p>	<p>None Known; however, creates disinfection by-products that have been linked to cancer None Known; however, consumers advised not to use water that contains chloramines for home dialysis machines or aquariums & ponds None Known</p>

** Only Multi-Pure's MP750 PlusRO