

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**

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| 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) | 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 |
| 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 | 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 |
| CYSTS Cryptosporidium Giardia | Gastroenteric diseases Gastroenteric diseases |
| HEAVY METALS Lead Mercury | Nervous system and kidney damage; highly toxic to infants and pregnant women Kidney, nervous system disorders |
| INORGANICS Asbestos Turbidity | Cancer Interferes with disinfection, related to disinfection by-products |
| AESTHETIC TREATMENT Chlorine Chloramines Particulate Matter | 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 |