

All public water systems contain some level of one or more unhealthful chemicals. Regulations only require periodic testing of about 86 toxic chemicals. There are now more than 75,000 chemicals used in our society with more than 1,000 new ones being developed each year. So far, more than 2,100 toxic chemicals of the more than 75,000 patented chemical compounds in use today have been detected in America's water systems. Some of the most common toxins in tap water from the condensed EPA's safe water guidelines are listed below:

| Toxin | Source | Potential Damage to Pets |
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| Alachlor Eyes | Herbicide | Cancer, Kidney, Liver, Spleen, Nose, |
| Asbestos | Many Concrete Pipes | Cancers, Lung |
| Atrazine Adrenal Glands | Herbicide | Congestion & Heart, Lungs, Kidneys, |
| Benzene | Synthetic Hydrocarbons | Cancer, Chromosome Aberrations |
| Cadmium and Failure | Corroded Galvanized Pipes | Kidney, Liver, Bone, Blood Damage |
| Carbofuran System | Insecticide | Nervous System, Reproductive |
| Carbon Tetrachloride Cancers | Aerosols, refrigerant | Kidney, Liver, Nervous System |
| Chlordane Adrenal Glands | Insecticide | Liver, Kidney, Heart, Lungs, Spleen, |
| Chlorine | Water Treatment | Stomach, Kidney, Bladder Damage |
| Chlorobezene | Plastic Solvent | Nervous System, Liver, Kidney |
| Copper | Corroded Piping | Anemia |
| Cryptosporidium Cysts | Chlorine-resistant Parasite Chlorine-resistant capsules | Diarrhea, Cramping Diarrhea, Cramping, Anemia |
| Endrin | Insecticide | Convulsions, Liver damage |
| Ethylbenzene Damage | Plastic Solvent | Kidney, Liver, Nervous System |
| Giardia | Chlorine-resistant Parasite | Diarrhea, Cramping |
| Heptachlor Epoxide damage | Pesticide chlordane | Liver, Central Nervous System |
| Lead | Corroded Piping | Cancer, Kidney Damage, Stroke |
| Lindane | Insecticide | Liver, Kidney Damage |
| Mercury | Corroded Piping | Kidney Damage |
| Methoxychlor Damage | Insecticide | Nervous System, Liver, Kidney, Heart |
| Ortho-Dichlorobenzene Blood Cell Damage | Herbicide | Nervous System, Liver, Kidney, |
| Simazine Damage | Herbicide | Cancer, Kidney, Liver, Nervous System |
| Tetrachloroethylene System Damage | Dry-Cleaning Fluid | Liver, Kidney, Central Nervous |
| Toluene System Damage | Petroleum, Paint, Solvent | Liver, Kidney, Central Nervous |
| Toxaphene Liver, Kidney Degeneration, Convulsions | Insecticide | Cancer, Immune System Depression, |
| Trichloroethylene | Solvent | Cancer, Liver Damage |
| Xylenes System | Solvent, Gasoline | Liver, Kidney, Central Nervous |