



PFBS

(Perfluorobutanesulfonic acid)

What is PFBS?

PFBS is a chemical in a group of contaminants called per- and polyfluoroalkyl substances (PFAS).

- ▶ PFBS can be found in stain repellants in carpet and fabric, food and other packaging, and fire-fighting foam.
- ▶ People can be exposed to PFBS by drinking water, eating food, and breathing in or accidentally swallowing soil or dust containing PFAS.

If the level of PFBS in your drinking water is over **450 µg/L**, you should find a different source of water.

Can PFBS affect our health?

Studies have shown that PFBS can affect the health of people and research animals.

- ▶ Studies among people found that high levels of PFBS can increase the risk of heart disease; infertility and high blood pressure disorders in pregnant women, including preeclampsia; and asthma among children.
- ▶ Studies in research animals found that high levels of PFBS can cause damage to the liver and kidneys, alter blood chemistry and thyroid hormone levels, and affect development.

What can you do to protect your health?

Wisconsin's recommended groundwater standard for PFBS is 450 µg/L.

Find a different source of drinking water if the level of PFBS in your municipal or private well water is over 450 µg/L. Sources of water can include:

- ▶ Water from a public water system or private well that has been tested for PFAS and has levels below Wisconsin's recommended groundwater standards.
- ▶ Bottled water that has been tested for PFAS and has levels below Wisconsin's recommended groundwater standards.

µg/L = micrograms per liter equivalent to parts per billion (ppb)



Looking for more information?

- Visit the [Agency for Toxic Substances and Disease Registry website](#) for more information on health effects.
- Visit the [DHS website](#) to learn more about Wisconsin's recommended groundwater standards.

