

## Glossary

**Asbestos:** Impure magnesium silicate, used for fireproofing, electrical insulation, building materials and chemical filters.

**Bacteria:** An infectious microorganism that affects the taste and purity of water.

**Chloramine:** “The New Chlorine” – a chemical compound used as a disinfectant, which is more difficult to filter than chlorine alone.

**Chlorine:** Widely used in the disinfection of water.

**Cysts:** A bacteria that is known to survive water chlorine disinfection.

**Fluoride:** An additive to water used to strengthen tooth enamel which can have an adverse affect on the taste of water.

**Lead:** A heavy metal that can contaminate water, causing serious health problems.

**MTBE:** “Methyl Tertiary Butyl Ether” – a chemical additive to fuel. Can be released into ground and surface water via leaking underground storage tanks, pipelines, spills and emissions from marine engines into lakes and reservoirs.

**TDS:** “Total Dissolved Solids” – any solid that can be dissolved into water such as minerals and salts.

**THMs:** “Trihalomethanes” – a disinfection byproduct when organic matter in the water combines with chlorine.

**Toxins:** Poisonous substances, consisting mainly of protein, that are a byproduct of metabolism in certain organisms.

**Viruses:** Any of various simple submicroscopic parasites of plants, animals, and bacteria that often cause disease.

**VOCs:** “Volatile Organic Compounds” – industrial and fuel chemicals released through ground water contamination which have low water solubility.



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## Pentair® Everpure® Facts

- Pentair Everpure is the number one selling commercial-grade water filtration system in the world.
- Since 1933, Pentair Everpure has been the number one trusted brand in commercial-grade water filtration.
- The Pentair Everpure proprietary Micro-Pure® precoat technology offers nearly six times the filtering surface area of ordinary carbon filters.

## Health

- Municipal water can contain a number of substances including asbestos, cysts, bacteria, viruses, toxins, chemicals, fluoride and lead.
- Water aids in flushing harmful toxins out of the body, lessening the burden on the kidneys and liver.
- Pentair Everpure filtration provides the freshest, cleanest water possible from every faucet in the home.

## Water Issues

**Cloudiness/Turbidity:** Suspended particles of dirt make water appear cloudy and can affect the look and taste of water.

**Hardness:** Water becomes “hard” when it picks up calcium, magnesium, and other minerals. This causes buildup in appliances and pipes and a film on shower doors and tiles.

**Musty, Earthy and Fishy Tastes and Odors:** These tastes and odors are caused by algae, molds and bacteria that naturally live in most water sources, such as lakes and rivers.

**Discoloration and Staining:** Water that is brownish in color is caused by tea-like extracts of decaying leaves and metals such as iron, manganese and copper.

**Rotten Egg Smell:** This is caused by hydrogen sulfide in water, produced by bacteria in deep wells and in low-use, stagnant water mains.

**Rust and Metallic Taste:** Excessive iron and other metals in drinking water change its taste and appearance.

**Chlorine Taste:** Chlorine, commonly used by municipalities, often causes poor tasting and smelling water.

## Restaurants

- One in two restaurants that serve filtered water use Pentair® Everpure®.
- More five-star restaurants trust Pentair Everpure filtration over any other brand.
- If you've had coffee from a popular chain or a popular cola product, you've had Pentair Everpure water.

## Convenience

- Pentair Everpure filtration systems are installed under-counter, conserving valuable counter space.
- Pentair Everpure filtration is the ultimate solution to clean, crisp water on-demand.
- Pentair Everpure instant hot/cold appliances make creating beverages on-the-go easy.
- Just one Pentair Everpure filter provides enough drinking water to last an average family at least one year.
- Pentair Everpure filtration provides the freshest, cleanest water possible from every faucet in the home.

## Environmental Impact of Bottled Water

- Pentair® Everpure® is the perfect alternative to bottled water as it provides great-tasting drinking water and eliminates plastic bottle waste.
- Americans used 50 billion plastic water bottles in 2008 – 40 billion ended up in landfills.
- 17 gallons of diesel fuel are used to transport every 1,000 gallons of water – thousands of 18-wheelers polluting the environment.
- It takes three times the amount of water to produce the bottle as it does to fill it.
- A single 20-ounce bottle of water costing \$1.50 would pay for about 1,000 gallons of municipal water – enough to fill the same bottle every day for 13 years.



Pentair Everpure filtration systems take away all sorts of substances – and even some unhealthy ones – that may be in your tap water:

- Particulates
- Chemical substances
- Chlorine taste & odor
- Mold and algae
- Limescale

## COMPLETE WATER FILTRATION SOLUTIONS FOR YOUR HOME

- Drinking water systems
- Reverse osmosis systems
- Built-in coffee systems
- Prep sink and wet bar system
- Appliances for hot, chilled and sparkling water

