

# AlkaGuard

Protects the vital nutrients our bodies need through mineral enrichment, boosted alkalinity & balanced pH.

## KEY BENEFITS:

**Mineral Enrichment:** Adds essential magnesium and calcium for healthier water

**Eco-friendly:** Made with sustainable materials processes

**Toxin Removal:** Removes a wide range of contaminants:

- Organic Contaminants:
  - Pesticides (e.g., atrazine)
  - Glyphosate
  - Herbicides
  - Pharmaceuticals
  - Industrial chemicals (e.g., benzene, toluene, phenols)
  - Polycyclic Aromatic Hydrocarbons (PAHs)
  - Volatile Organic Compounds (VOCs)
  - Trihalomethanes (THMs)
  - Tannins and Lignins
  - Detergents
  - Bisphenol (BPA)
  - Humic Substances (humic acid, fulvic acid & natural organic matter)
- Inorganic Contaminants:
  - Fluorides (F<sup>-</sup>)
  - Sulfates (SO<sub>4</sub><sup>2-</sup>)
  - Chlorides (Cl<sup>-</sup>)
  - Hydrogen sulfide (H<sub>2</sub>S)
  - Silica (SiO<sub>2</sub>)
  - Carbon Dioxide (CO<sub>2</sub>)
  - Taste & odor compounds
- Chemical Contaminants:
  - Chloramines (disinfectants)
  - Cyanides
  - Phosphates
- Heavy Metals:
  - Aluminum (Al)
  - Mercury (Hg)
  - Chromium (Cr)
  - Boron (B)
  - Bromides (Br<sup>-</sup>)
  - Zinc (Zn)
  - Lead (Pb)
  - Copper (Cu)
  - Arsenic (As)
  - Nickel (Ni)
- Radioactive Contaminants:
  - Radon (Rn)
  - Uranium (U)
  - Radium (Ra)
- Nutrients:
  - Ammonia (NH<sub>3</sub>)
  - Agricultural wastewater pollutants
- Microbial Contaminants:
  - Bacteria
  - E. coli
  - Salmonella
- Emerging Contaminants:
  - Microplastics
  - Personal care products
  - Endocrine-disrupting chemicals
  - Nanoparticles
  - Forever chemicals (PFAS, including PFOS, PFOA, PFNA, PFBS, PFHxS, GenX)

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## HOW IT WORKS:

Utilizing a powerful blend of filtration media, AlkaGuard adsorbs & removes an extensive number of contaminants, which in turn eliminates odors and colors.

During the enrichment process, AlkaGuard also neutralizes acidic water and naturally releases magnesium and calcium ions into the water, which helps soften water without the need for salt or chemicals.

## APPLICATIONS:

- **Residential Use:** Provides homes with cleaner, better tasting drinking water.
- **Commercial Use:** Large-scale drinking water treatment for businesses.
- **Industrial Use:** Used in various industrial applications for water purification and contaminant removal.
- **Wastewater Treatment:** Effective for treating industrial and municipal wastewater.