

# ACTIVATED CARBON

## General contaminant filtration capabilities

### Contaminants Significantly Reduced

#### Chlorine

(Water additive used to control microbes)

#### Sodium Hypochlorite

(Natural erosion & used in water treatment)

#### Commercial Additives:

- Cresol
- Dyes
- Ketones
- Phenol
- Toluene
- Tolidine

#### Disinfectants:

- Bleach
- Calcium Hypochlorite
- Chlorophenol

#### DPCBs (Environmental Pollutants)

#### Pesticides:

- Defoliants
- Herbicides
- Methyl Bromide

### Contaminants Effectively Reduced

**Alcohols** (Commercial by-products)

**Antifreeze** (Poisonous products)

**Chloramine** (Water additive used to control microbes)

#### Solvents

- Acetaldehyde
- Methyl Acetate
- Ozone
- Organic Salts
- Acetone
- Methyl Alcohol
- Methyl Chloride

#### Disinfectants

- Lactic Acid
- Potassium Permanganate
- Radon (Gaseous element)

### Contaminants Reduced

- Acetic Acid
- Detergents
- Heavy Metals
- Hydrogen Selenide
- Lead
- Nitric Acid
- Soaps
- Vinegar

### Limited Reduction

- Fluoride
- Hydrogen Bromide
- Precipitated Iron
- Precipitated Sulfur

#### Solvents:

- Amyl Acetate
- Diesel Fuel
- Nitrobenzene
- Turpentine
- Chlorobenzene
- Naphtha
- Butyl Acetate
- Glycols
- Oxalic Acid
- Benzene
- Gasoline
- Oil (Dissolved)
- Chloroform
- Methyl Ethyl Ketone
- Trichloroethylene
- Butyl Alcohol
- Hydrochloric Acid
- Organic Esters

**TTHM (Total Trihalomethanes)** (By-product of drinking water chlorination)

#### Pharmaceutical By-Products:

- Chloral
- Iodine
- Isopropyl Alcohol

#### Tannins (Food & wine by-products)

**Tar Emulsion** (Topical medication by-product)

#### Undesirable Taste

- Bleach or chlorine
- Garlic
- Medicinal

#### Undesirable Odors

- Chlorinous or bleach
- Earthy or grassy
- Fishy
- Fruity
- Musty
- Bleach
- Geranium

#### Commercial Additives:

- Chlorophyll
- Ethyl Chloride
- Mercaptans
- Propionic Acid
- Propyl Chloride
- Xanthophyll
- Citric Acid
- Ethyl Ether
- Organic Acids
- Propyl Acetate
- Sulfonated Oil
- Ethyl Alcohol
- Ethylamine
- Propionaldehyde
- Propyl Alcohol
- Tartaric Acid

**DISCLAIMER:** The use of this product in and of itself does not necessarily guarantee the removal of the contaminants and pathogens listed above from water. Effective contaminant and pathogen reduction is dependent on the complete system design and on the operation and maintenance of the system.