



# Specification Sheet

## Liquid Formulation

### Storage

- Store in original tightly closed container
- Store away from incompatible materials
- Do not allow material to freeze
- Do not store in direct sunlight
- Store in temperatures between 40°F and 95°F

### Handling

- Avoid contact with skin and eyes
- Avoid prolonged exposure
- Observe good industrial hygiene practices
- Wash thoroughly after handling
- Wear appropriate personal protective equipment

### Health and Safety

Product is non-hazardous. Dispose of waste and residues in accordance with local authority requirements. Please review the Safety Data Sheet for additional storage, usage, and handling requirements.

### Chemical Composition

<b>Water</b>	CAS No. 7732-18-5
<b>Colloidal activated carbon <math>\leq 2.5 \mu\text{m}</math></b>	CAS No. 7440-44-0
<b>Sodium Bisulfite</b>	CAS No. 7631-90-5

### Properties


<b>Physical State</b>	Liquid
<b>Form</b>	Aqueous suspension of colloidal activated carbon particles and additives.
<b>Color</b>	Black
<b>Odor</b>	Odorless
<b>pH</b>	8-10
<b>Packaging</b>	55 gallon (400 lb) drums or 250 gallon (2,000 lb) totes

### Technical Description

SourceStop® Liquid is a suspension of colloidal activated carbon particles. The particles are suspended in water using food grade organic polymers. The tiny particle size and liquid formulation allow SourceStop to penetrate and evenly coat the target soil particles with a thin layer of activated carbon. It is designed to contain organic chemical contaminants, such as PFAS constituents, to minimize the mass flux of contamination migrating from source areas.



SourceStop can be poured into wells or injected directly into the capillary fringe and the groundwater under source areas, where it easily disperses within contaminated aquifer materials. This is unlike powdered activated carbon (PAC) products of larger particle size which require high-pressure injection (fracking) for emplacement and do not disperse. Once in place, SourceStop rapidly sorbs contaminants, restricting their leaching from unsaturated soils and immobilize them in aquifers.

 **Note:** SourceStop is a product supplied in two formulations. For details on the Solid Formulation, please see separate specification sheet.

### Application

Injected under low pressure into undisturbed soils and aquifer materials. The liquid formulation can also be spray applied onto surfaces to create permeable barriers when preparing soil stockpile areas, excavation bases, or utility corridors.