



FIFE

Advantages of Fife Solid Chemical Water Treatment

Solid water treatment products distributed by Fife Water Services Inc. use state of the art, proven chemical combinations which are manufactured into a solid paste concentrate. The products are transported in a low carbon footprint profile and applied easily at your site with a patented dissolving system. You receive all of the benefits of a well run chemical program, without the hassles of dealing with liquids.

Help Reduce Risk and Liability Concerns

No heavy drums to move:

- Reduces potential for injury to employees and others.
- Moving heavy drums can result in injury, leading to costly Worker Compensation Claims.
- Reduces risk of exposure to hazardous chemicals (ie: corrosives, oxidizers and pesticides) to your employees and customers.
- **One case of Solid chemistry weighs 44 lbs and contains the same amount of active chemicals as a 55-gallon, 500 lb drum.**



Eliminate Spill potentials:

- Spills can occur anywhere – in transit, or at your facility.
- Many liquid chemicals can be hazardous, damaging to the environment, and a potential for expensive litigation.
- **Solid chemistry has no potential to leak.**

No on-site storage or drum disposal issues:

- Liquid chemicals are bulky and must be stored in containment areas according to their hazardous classification.
- Many facilities do not have extra space and must resort to storing all chemicals in one containment area.
- The potential for chemical reactions of different liquid chemicals can produce a very undesirable result.
- No triple rinsing of empty drums before disposal.
- **Five cases of APTech Solid chemistry can sit in the same storage footprint as a 55-gallon drum.**

Help Your Facility Go Green

Whether you're looking to become LEED Certified or just looking for ways to make your facility more "Green", Solid water treatment chemistry can help.

Fife Water Services Inc

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FIFE Reduce Economic Concerns

Economic Benefits of having a well run Fife Water Solid Concentrate chemistry treatment program include the following:

- The cost of transporting solids is approximately **1-2%** of the chemical costs, versus **15-20%** of the chemical costs for liquids.
- Approximately 15-20% of your chemical budget is used to ship mostly water when using liquids.
- In addition to the substantially higher costs of transportation of liquids, there is also a “hidden cost” for using drums. One study put a time, then a dollar value to this hidden cost, and calculated an additional cost of over **\$140 for each drum**.
- **Solid chemistry can help you save water, sewer, and chemical dollars by reusing the water, its maximum number of times.**
- **One study concluded that increasing the number of times water can be reused in a cooling tower from 4 to 6 cycles, would have the effect of reducing water make-up demand by over 408,000,000 gallons annually in just the Commercial and Institutional markets.**



44 lbs.
4- 1gallon
Bottles

=



500 lbs.
1-55-gallon
Drum

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Reduce Your Carbon Footprint

- Liquid chemicals are very heavy and consume a great deal of energy to transport.
- Most liquid products require adding caustic to the mixture to remain in solution.
- **Solid Concentrate products do not require the addition of hazardous caustic.**
- **A 55 Gallon drum, weighing 500 pounds, will consume 2.5 more gallons of diesel fuel per typical shipment than a 50 pound carton of APtech Solid chemistry having the same amount of active ingredients.**