

PSR® is formulated to remove residues caused by fresh water including scale, silicate, calcium, sludge, and all other mineral deposits.

Originally designed to address problems within municipal drinking water systems, **PSR®** has been formulated to meet strict NSF requirements.

PSR® rids your potable water system of odors & discoloration by attacking the source! Scale builds on low lying, flat sections of your system allowing bacteria to form. **PSR®** targets & removes these areas, bringing new life to your fresh water system.

Built on our proven formula providing a safe, non-toxic solution, **PSR®** takes it one step further by employing only food-grade rated chemicals. Thus ensuring your system will remain safe for drinking.

PSR® provides impeccable results without having to remove any piping or create a mess.

PSR® can be used by one of two methods;

- **Immersion:** Isolate the tanks, fill the entire system and let stand
- **Circulation:** Inject **PSR®** into tank, mix, run faucets for 2 min. every 15 min until the tank is empty, fill the system and rinse.



PSR® is sold in concentrated form. One gallon of PSR® will treat approximately 30 to 40 gallons of potable water.
 (depending on dilution rates)

SAFETY

- **PSR®** is safe for the users, equipment and the environment.
- **PSR®** will not harm the properties of most surfaces including, plastic, metal, rubber, fiberglass, vinyl, wood, or paint.
- Care should be given when **PSR®** is used with zinc based metals such as zinc anodes, tin, or galvanized materials.
- **PSR®** is biodegradable & can be disposed through regular sewer systems.
- **PSR®** passed the California Fish Toxicity Assay Test, Department of Hazardous Substances (Title 22) and complies with NSF International standard 60.
- Based on current EPA guidelines, **PSR®** is classified as non-flammable and meets all requirements regarding hazardous and dangerous materials.

Availability

1 gallon , 5 gallon pail, 55 gallon drum
 or a 250 gallon tote tank

Pipe gallonage chart

Diameter	Length in feet			
	1	5	10	20
Inches				
1	0.04	0.2	0.4	0.8
2	0.16	0.8	1.6	3.2
3	0.37	1.84	4	8
4	0.65	3.26	7	13
5	1.02	5	10	20
6	1.47	7	15	29
7	2	10	20	40
8	2.61	13	26	52
9	3.31	16	33	66
10	4	20	41	82
12	6	29	59	118
14	8	40	80	160
16	10	52	104	208

FAST SAFE NON-TOXIC BIODEGRADABLE NON CORROSIVE NON HAZARDOUS

Potable water system cleaning instructions.

What product do I use?

- Although there are many water treatment products on the market today, none of them actually clean the system itself. Only **PSR®** removes scale, rust, lime and bacteria from deep within the system. NOT an actual water treatment but a system cleaner, **PSR®** is the only choice for safe, fast, and consistent results.

How much PSR® do I need?

- To determine how much **PSR®** you need, simply multiply the appropriate percentage (from the table below) by the tank capacity. If tank capacity is unknown use this formula to determine total size: (width x height x length x 7.485).
- If you plan to just clean the system piping and not the tank, easily multiply the percentage from table below by the amount of product you plan to make.

Build Up	Description	% of PSR®
Light Scale	Deposits are light in color and are at least 2 inches apart.	2.5%
Moderate Scale	Deposits are approximately 1 inch apart.	5%
Heavy Scale	Rust color throughout the tank and system.	10%



When to use PSR® ?

- As a general rule of thumb, flushing your water system once every three years is considered good preventative maintenance. This is even more important when bunkering hard water.
- If you notice a change in color, smell, or flow, chances are scale is to blame. At first you may just notice these effects when the water is first turned on. Left untreated, overtime these effects will last longer. Flushing with **PSR®** will bring your system back to its original condition.

Cleaning Instructions:

Fill the tank filled half way with water and then add the correct amount of PSR®. Next, fill the remainder of the tank to its capacity with water. This will ensure the product has been correctly mixed.

Tank Cleaning:

Let the solution soak for at least 12 hours but no longer than 48 hours. This is dependant on the amount of scale present on the tank walls. Once complete, drain the tank and flush with water. Or you can now move right onto cleaning the system piping.

System Cleaning:

Before you start, it would be a good idea to protect counters, walls, and flooring from any accidental splashing. Although PSR® is safe, non-toxic, and biodegradable, it may discolor certain porous surfaces like marble or brass. With a full tank of properly mixed PSR® and water, start flushing the system by opening each water faucet until you notice the solution coming out. Wait 15-30 minutes, then open each faucet for one minute each. Repeat this until the tank is empty. Once empty, fill the tank with freshwater and flush though all faucets. Repeat until all traces of PSR® have been removed.