

BOWL CLEANERS 101

Choosing the correct product for cleaning toilet bowls and urinals may seem confusing but in reality is quite simple. The correct choice of product depends upon the quality of water and what residues (rust, scale, etc.) are found in the water.

Hydrochloric Acid (HCl)

Extremely effective on rust or red scale and white mineral scale. Available in high or low concentrations as well as thin or thicker clinging formulations. These cleaners are aggressive and will damage metal fixtures, will etch marble counters, and, if spilled, will damage carpet fibers.

Phosphoric Acid

Effective against white mineral scale deposits - also known as lime or water scale. Phosphoric acid is not as effective on rust, but may be used on chrome and many other metal fixtures. They are safer to use than HCl if accidentally spilled on carpet.

Non acid

These products are the least aggressive and safest of all bowl cleaners. They perform best in soft water conditions. They are used for cleaning, disinfecting, and maintaining bowls and urinals which do not have scale deposits or buildup. Non acid formulations are also used in areas with sensitive surfaces or in locations where risk of accidental exposure needs to be minimized.

Water Condition	Recommended Product	Description
Rust / Red Scale	Super Toilet Bowl Cleaner (EPA)	20% HCl
	Super Toilet Bowl Cleaner	24% HCl
	Porcelain Cleaner	9% HCl; detergent thickened
	Bowl Kleen (EPA)	9.6% HCl
	Bowl Kleen	9% HCl
	Hi-Cling (EPA)	8% HCl; detergent thickened
White Scale / Mineral Deposits	Cling-On	20% Phosphoric
	White Ocean Foam	Foaming Phosphoric
	SG-15	15% Phosphoric
Soft Water	Kwik-Step (EPA)	Non acid Disinfectant