

Overview

Acids are naturally corrosive and are used to etch the base surface. (Etching is the removal of the top layer of a surface by chemical cutting, removing or scratching.) This is why aluminum and concrete appear brighter after acid application.

There are three main types of acids: phosphoric, hydrochloric and hydrofluoric – each has its own cleaning characteristics.

Phosphoric Acids – Mild, yet extremely effective on difficult deposits. Safe to use on nickel, copper and unpolished aluminum.

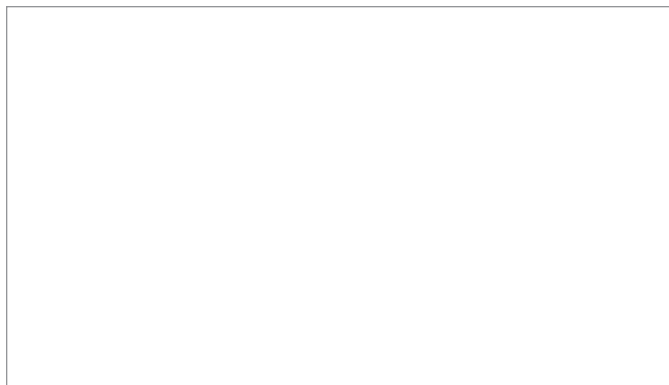
Hydrochloric Acids – Good for removal of scale, rust and uric acid deposits. Not for use on acid-sensitive surfaces, aluminum, galvanized steel, nickel or other active metals.

Hydrofluoric Acids – The most hazardous of the acids, they etch glass and diamond plate. Removes the top layer of oxidation to reveal aluminum underneath. Removes heavy lime and scale deposits from acid-resistant surfaces.

Applications

Acid cleaners are great for removing mineral deposits such as soap scum, scale, rust, uric acid salts and hard water deposits. Acidic pH products are designed to eat away and emulsify minerals and soft metals so they can be washed away easily. Acids are the only products that effectively remove these deposits.

- Lime and scale removers
- Toilet bowl cleaners
- Drain openers
- Concrete etchers
- Aluminum brighteners



Additional Information

- Acids do not affect plastics and are all shipped in plastic containers.
- Acids are not good degreasers and cannot remove oil stains.
- Acids should not be used on marble or polished aluminum.
- Acids do not remove paint. However, stronger acids can penetrate through a defect in the paint and affect it by attacking the metal.
- Use proper safety precautions whenever handling acids. Always wear safety glasses, chemical-resistant gloves and other appropriate safety equipment when using acids.

Phosphoric Acids



Depict Creme Cleanser

- EPA registered to disinfect and deodorize on contact
- Grit scrubbers clean and polish in one step
- Thickened cleanser dissolves rust and calcium deposits
- USDA authorized for use in federally inspected meat and poultry plants

Not available in Canada

DRUMMOND™
A LAWSON PRODUCTS BRAND



Pentox Lime and Scale Remover

- 30% concentration of phosphoric acid
- Quick removal of lime and scale – dissolves hard water buildup, soap scum, urine stains, algae, mildew, rust stains and alkaline films left by other cleaners
- Left unrinsed, Pentox leaves a light phosphate coating on iron and steel parts that helps prevent flash rusting

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Zep® Rust Remover

- No acid fumes
- Inhibited to retard attack on iron- and steel-based metals
- Removes rust without wire brushing or sandblasting
- Retards flash rusting

Not available in Canada



Zep® Calcium and Lime Remover

- Non-fuming, non-irritating
- Safe on stainless steel, aluminum, glass, plastic and ceramic surfaces
- Eliminates problems often encountered with acid systems
- All detergents used in the manufacture of this product are biodegradable

Not available in Canada



Zep® All-Purpose Acid Bathroom Cleaner

- Removes tough soap scum and film
- Water dilutable
- Can also be used as a foamable cleaner

Not available in Canada



Hydrochloric Acids



Bowl Over Clinging Bowl Cleaner and Surface Protector

- 9% hydrochloric concentration
- Super clinging formula cleans above and below the water line
- Lays down an invisible non-stick barrier to help keep fixtures cleaner longer
- Attacks and dissolves uric acid salts, mineral scale and rust deposits

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Q-V-Etch Heavy-Duty Acid Cleaner Concentrate

- 23% hydrochloric concentration
- Easily etches concrete and dissolves rust, scale, corrosion, plaster, mineral deposits and soap scum
- Harmless to most paints and finishes

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Husky® 302 Thickened Disinfecting Bowl Cleaner

- Kills VRE, MRSA and HIV-1
- EPA registered (AIDS effective)
- Thickened and clinging
- Color indicated
- May be used daily
- 9.5% HCl acid base

Not available in Canada

HUSKY



Husky® 303 Super Bowl Cleaner/Disinfectant

- EPA registered
- Fast acting
- Virucidal against HIV on pre-cleaned environmental surfaces
- Corrosion inhibitors

Not available in Canada

HUSKY