

HIGH PSI DETERGENTS & CHEMICALS



FLEET WASHES, DEGREASERS & SPECIALTY CLEANING CHEMICALS

75 N. Brandon Drive
Glendale Heights, IL
630.893.0777
HIGHPSI.COM



INDEX

Page 3: Five Factors for Cleaning

Page 4-5: #1 Pre-Soaks and 2nd Step for 2 Step Fleet Wash Products

Page 5: Fleet Wash Detergents & Degreasers

Page 6: Aluminum Brighteners & Graffiti Removers

Page 7: Specialty Cleaners

Page 8: Mobile Wash Kits

Five Factors for Cleaning

Water Quality

- High levels of water hardness & total dissolved solids (TDS)
- Water quality must be accounted for when washing and blending detergents

Soap Pressure

- Applying detergents at higher pressure will improve brushless cleaning and increase efficiency

Temperature

- Water temperature and atmospheric temperature will affect detergent performance
- For every 18 degrees in temperature rise, molecules move twice as fast

Detergent Concentration

- Relative strength of detergent blend used AND the dilution rate of application method

Dwell Time

- Too much means soaps could dry or cause harsh reaction; too little means not enough reaction

Request a Five Factor, Cleaning System Check Up from High PSI

Did you know water quality is one of the leading factors in whether a detergent works well or not? Did you ever wonder what's in your detergent? We offer a program where we will come in free of charge to check the following:

What We Will Test

- Check heat and pressure of your pressure washer
- Testing of water hardness with a TDS meter
- Testing pH level of your detergent
- Test the concentration level of your existing detergent with a refractometer
- Test the concentration level of detergent at the end of your gun & wand

What Will You Learn From this FREE Analysis?

- You'll know if your equipment is operating at optimal cleaning performance
- You'll know how hard or soft your water is
- You'll know whether you are using a concentrated or pre-diluted product
- We will give you recommendations on how you can improve cleaning performance

1 & 2 Step Fleet Wash Detergents

#1 Pre-Soaks - For Non-Polished Aluminum Fleets

SUPERSONIC PRESOAK

Is an aggressive low pH presoak that is formulated for the fleet cleaning industry. It cleans and brightens aluminum while having the capability to clean surfaces where finger prints, greases and oils are present. Can be paired with Grizzly or Panda for a touchless 2-step cleaning process. Use through a pressure washer with dilutions from 10:1 - 25:1.

- Safe on painted surfaces
- Helps break down carbon based soils like oils and greases
- Removes paint oxidation
- Brightens aluminum
- Do NOT allow to dry on glass - NOT safe on polished aluminum
- Pairs extremely well with Grizzly in 2-Step Fleet Washing

*Contains sulfuric acid. **NOT to be used on a polished aluminum. Do NOT allow to dry on glass.** Consult Safety Data Sheet for further safety information*

#1 COUNTERPUNCH

A uniquely formulated heavy duty low pH presoak that is safe on polished aluminum. It mildly brightens aluminum while having the capability to clean all surfaces where fingerprints, greases, and oils are present.

#1 Counterpunch is very versatile and recommended to be used with Panda or Grizzly depending on the fleet.

- Safe on painted surfaces
- Safe on polished aluminum
- Helps eliminate brushing
- 100% Biodegradable & phosphate free
- Removes paint oxidation

Contains sulfuric acid. Consult Safety Data Sheet for further safety information

2nd Step & Fleet Wash Detergents

GRIZZLY

Grizzly is a heavy-duty alkaline truck wash soap that is excellent at removing stubborn road film, bug residue, soot, oils, and grease. It is brown in color and has a foam profile that clings with great rinsability. Developed to penetrate road film and leave an amazing shine on the paint.

- Clingy foam profile for maximum penetration
- Easy rinsing
- Helps eliminate brushing
- 100% Biodegradable & phosphate free
- Assists in breaking down carbon based soils like oils and greases
- Leaves paint looking glossy when used as a 2nd step in fleet washing.

Contains Sodium Hydroxide. Not to be used on anodized or polished aluminum. Do not allow to dry before rinsing.

PANDA

Panda is a high pH truck wash soap formulated to be the 'polish safe' version of our popular Grizzly soap. Panda works well on road film, bugs, and general greases and oils. It has an excellent foam profile that clings and it's easy to rinse. Pairs best with #1 Counterpunch for the ultimate 2 Step clean on polished aluminum.

- Clingy foam profile for maximum penetration
- Easy rinsing
- Helps eliminate brushing
- 100% Biodegradable & phosphate free
- Assists in breaking down carbon based soils like oils and greases
- Leaves paint looking glossy when used as a 2nd step in fleet washing

SALT LICK / FLEET WASH

A 2 in 1 salt neutralizer and fleet wash. Formulated to remove salt, calcium chloride and de-icing solution. Breaks down the crystalline structure of ice melt products and prevents re-crystallizing so they can be washed away.

Degreasers & Floor Washes

SLUDGEHAMMER

This concentrated cleaner/degreaser tackles every cleaning challenge! It is designed for prespray application and is safe to run through your unit's chemical injector. Contains potassium hydroxide.

PREP-SOLV

Powerful non-caustic, non-butyl degreaser formulated with a high performance surfactant package for oil emulsification. This can also be used as a floor scrubbing soap. Use from straight to 20:1 from concentrate depending on application and conditions. Safe on all surfaces.

HOTSY FLOOR WASH

Designed for use as a floor cleaner for food, automotive and manufacturing industries. Can be used with hot or cold water and is formulated with a color indicator for control of concentration and strength, and to insure uniform coverage and rinsing. Available in powder only.

Aluminum Brighteners

ADVANCED FORMULA ALUMINUM BRIGHTENER

Designed to clean and restore stained aluminum surfaces without "burning" the surface applied to. it is best used on frame rails and unpainted aluminum surfaces. Do NOT use on glass, polished aluminum or anodized aluminum. Contains no phosphates.

POLISHED ALUMINUM BRIGHTENER & STAINLESS STEEL CLEANER

This non-etching specialty cleaner contains a concentrated blend of surfactants and glycol ethers to quickly penetrate and remove dirt, grease, oil, road film , diesel smoke and welding smut. A mild aluminum brightener for polished tanks and other polished work on your equipment. Removes the road film that clings to aluminum.

Specialty Cleaners

CARBOCHLOR

A special emulsifying formula with high powered bleach for food processing plants . Excellent on tough orders, stains, dirt, oils and fats left behind on equipment floors, and walls. Chlorinated for extra punch. NSF registered for federally inspected food plants.

CTC

CTC is an aggressive acid cleaner with built-in corrosion inhibitors that protect equipment and wiring on ready-mix trucks. Highly effective in removing slurry, splatter and residue from cement trucks, equipment, forms and tools. Use straight to 10:1 through a pump up sprayer.

SAFE HARBOR

Effective on petroleum based grease and oil stains. Removes food based grease and oil stains, fast acting, ready to use formula.

POINT BREAK

Effective on common stains: non-greasy foods, beverage spills, leaves, moss and more. Removes rust stains. Concentrated formula.

WHITE WATER

Removes stubborn efflorescence, heavy duty surface cleaners, prepares unsealed surface for sealing. Concentrated formula.

WIPE OUT

Powerful cleaner for routine maintenance and restoration. Removes embedded soil & tire scuffing. Prepares unsealed surfaces for sealing. Super concentrated formula.

Biodegradable Graffiti Removers

ELEPHANT SNOT

Environmentally friendly and tough graffiti remover for porous surfaces such as concrete, brick and mortar.

SMOOTH MAX

Environmentally friendly. Use on smooth surfaces such as aluminum, glass and plastic.

SHADOW MAX

Used when graffiti has been allowed to sit too long. Use after Elephant Snot, soaks deep into the surface pores.

MAX SWIPES

Towelettes ideal for removing marker and other small graffiti spots from smooth surfaces like plastic playground equipment

Disinfectant

VITAL OXIDE

Vital Oxide is an EPA registered disinfectant cleaner, mold killer and super effective odor & allergen eliminator. **For use against SARS-COV-2 (covid-19) and other viruses.** Ready to use with no mixing required, just spray, wipe or fog right from the bottle. Non-irritating to the skin and non-corrosive to treated articles.

EPA registered for killing Covid-19

Mobile Wash Kits from Hydro Chem

Mobile Wash Kits from Hydro Chem are an easy and flexible way to mix your desired strength. Each kit will make either one, 55-gallon drum of RTU, 27.5 gallons of heavy duty strength, or 13.5 gallons of concentrate. These kits are available for 1 Step and 2 Step fleet washes, degreaser and specialty detergents.

1st Step Pre-Soaks

#1 FLEET PREP MW KIT: HF & Sulfuric acid based. Brightens aluminum well.

#1 SUPERSONIC PRESOAK MW KIT: Ammonium bifluoride and Sulfuric based with a little butyl. Safer alternative to #1 Fleet Prep while still having some mild aluminum brightening capability.

#1 COUNTERPUNCH MW KIT: Safe on polish 1st step. Contains citric, phosphoric, and sulfuric acid blend with a small amount of butyl.

2nd Step

#2 DYNACLEAN & BRIGHT MW KIT: Strong, sodium hydroxide based truck wash soap that has a lower foam profile.

#2 GRIZZLY MW KIT: Sodium hydroxide and butyl based "brown soap" that produces high amounts of shine and has a moderate to high foam profile. Very versatile for foaming applications, 1 step or 2 step methods.

#2 PANDA MW KIT: Polish safe #2 that pairs up well with #1 Counterpunch for a polish safe 2-step method. Contains a small amount of sodium hydroxide, but the NaOH is "buffered" by corrosion inhibitors which makes it polish safe. Similar to Grizzly, it contains butyl and has a moderate to high foam profile.

Specialty Detergents

BUG SOAKER CONCENTRATE: An aggressive bug pretreatment for use prior to washing. Not safe on polish.

BUG SOAKER THIN CONCENTRATE SOP: Safe on polish. Mild bug pretreatment for use prior to washing.

CTC: Cement truck cleaner, exceptional rust removing solution.

HYDRO-SHEEN: Rinse and wax aid.

These are not all of the detergent solutions we offer. We also offer the complete line of Hotsy and Hydro-Chem products.

Contact us today for more information.



High PSI, Ltd.

75 N. Brandon Drive

Glendale Heights, IL 60139

630.893.0777

www.highpsi.com

3/2022