



Product Application & Results

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PRODUCT: **Performix®** **Stock # 1230**

Description: High alkaline concentrated liquid presoak and high pressure detergent. Designed for frictionless systems, but also aids cleaning in hybrid and friction systems. In addition, Performix® contains special surfactants that help clarify reclaim systems.

Color: Green

Scent: Mild

Foaming Ability: Low to Moderate

<u>Features</u>	=	<u>Benefits</u>
Titratable	=	Quickly determine dilution
Biodegradable	=	Acceptable to waste water treatment.
Reclaim Clarifier	=	Settles small particles from reclaim water giving longer runs between filter cleaning and less wear on nozzles and pumps.
Highly Effective	=	Excellent removal of dirt, oils, and road film.

<u>Application</u>	<u>Dilution Ratios</u>		
<u>Frictionless Systems</u>	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
High Pressure cleaning & Prep Guns	1:250	1:500	1:350
Foam or Spray - Low-pressure presoak	1:40	1:100	1:65
Bumper Prep	1:40	1:60	1:50
<u>Friction & Hybrid Systems</u>	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
High Pressure cleaning & Prep Guns	1:250	1:500	1:350
Foam or Spray – Low-pressure presoak	1:80	1:200	1:100
Bumper Prep	1:40	1:80	1:50

Required strength of product dilution will vary depending on cleaning conditions and type and condition of equipment used.

Guidelines for Application

Water Quality: Use SOFT WATER for best performance! In hard water (over 0 grains) increase strength by 10% for each grain of water hardness (1:60 + 10% = 1:54). Trying to clean in frictionless washes with water over 2 grains of hardness is not recommended.

Solution Temperatures: Summer: 70-90°F, Winter: 90-140°F. This product works at peak performance when the temperature of the diluted solution on the vehicle surface is between 100-110°F. Product performance is reduced at surface temperatures over 120°F.

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Guidelines for Application (continued)

Dwell time: Recommend from 15 to 25 seconds between presoak and high-pressure rinse. Decrease dwell time if vehicles are hot to avoid increasing the product concentration through evaporation of the water.

Economy: Reduce volume through alternative nozzling, equipment changes. Do not over-heat dilution water as it wastes energy and can decrease product effectiveness.

Alternative Products

The Option® One Step Plus™ lower cost alternative presoaks without reclaim abilities.

Advantage® Similar to Performix® but not as strong.

The EDGE® High alkaline presoak with a Bold & Fresh scent.

Titration Chart For Performix®		
This chart uses the "Standard Alkaline Titrant" and a water blank must be titrated to subtract from your total drops before comparing to the curve.	Dilution	Drops
	1:30	50
	1:40	38
	1:50	30
	1:60	25
	1:70	22
	1:80	19
	1:100	16
	1:125	12
	1:150	11
	1:200	8
1:400	4	