



# Product Application & Results

1997 American Blvd. • P.O. Box 5606 • De Pere, WI 54115-5606 • 800-225-2231 • Fax: 920-337-9410

**PRODUCT:** UltraFlex® Low pH Presoak 200    **Stock #** UF200

**Description:** A highly concentrated low pH detergent designed for use in a two-step acid/alkaline presoak system in frictionless and hybrid applications. When used with a high pH presoak it will help produce easier rinsing and remove calcium spots on vehicles.

**Color:** Red  
**Foaming Ability:** Moderate

**Scent:** Mild Solvent

<u>Features</u>	=	<u>Benefits</u>
Non-Fluoride	=	Safer to use than HF, ABF, or other acid Fluoride products
Easy Rinsing	=	Reduced drying time.
Non-Corrosive	=	Easier on equipment, vehicles, employees.
Attacks mineral soils	=	Performs in tough conditions

<u>Application</u>	<u>Dilution Ratios</u>		
	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
Frictionless Applications:	1:200	1:450	1:325
Hybrid Systems:	1:300	1:500	1:400

<u>Metering Tip Selections</u>			
	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
Dema screw-in Tips:	Light Blue	Turquoise	Pink
Hydrominder push-in Tips:	Aqua	Purple	Purple

Target Use Rate: 15-20 ml / vehicle. Generally used as a first pass followed by an alkaline detergent Base/Blend combination from the Ultraflex® line.

## Guidelines for Application

**Water Quality:** Use soft water whenever possible.  
**Solution** Summer: 70-90°F Winter: 90-140°F



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**Dwell time:** Decrease dwell time in extreme hot conditions to avoid evaporation of the solution on the surface of the vehicles.

**Economy:** Adjust dilution ratio to suit cleaning conditions. Reduce excessive volume through alternative nozzle sizes.

This product can be drawn through standard vinyl tubing.

## Titration

Use standard “Acidic Titration Kit” and a water-blank correction.

### Sample size = one sample tube

<b>Dilution</b>	<b>Drops</b>
1:150	22
1:175	19
1:200	17
1:225	15
1:250	13
1:275	12
1:300	11
1:350	9
1:400	8
1:500	6

**Viscosity / Temperature Relationship:** The greatest effect is below 60°F. Tip or pump changes may be needed to maintain proper dilution /use rate as temperature decreases.

<b><u>Temperature °F</u></b>	<b><u>Viscosity cps.</u></b>
40	54
45	47
50	41
55	34
60	30
70	26
80	21
90	16
100	13
110	10