



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 205 Stock # UF205
“New & Improved” since September 2012

Description: Ultra concentrated foaming low pH touchless cleaner, best used as part of two-step cleaning process in combination with Ultraflex® alkaline cleaners. Contains highly effective synergistic mixture of acids and surfactants for maximum cleaning and economy. Dissolves mineral deposits and assists in penetration of road film and emulsification of oil components in dirt on car surface.

Color: Orange

Scents: Strong

Foaming Ability: High

Features

- Ultra Concentrated
- High Foaming
- Titratable
- Easy Rinsing
- Attacks mineral soils

= **Benefits**

- = Convenience and Value.
- = Customer appeal.
- = Quickly determine dilution ratio.
- = Reduced drying time.
- = Performs in tough conditions.

Application

Dilution Ratios

	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>
Touchless In-Bay	1:200	1:300	1:250
Hybrid Applications	1:260	1:350	1:300
As a Bumper Prep	1:180	1:250	1:200

Ultraflex® Low pH Presoak 205 can be drawn direct by using single tip configuration. Required average strength of product dilution should be thoroughly maintained and will guaranty the best result with different type and condition of equipment used.

Guidelines for Application

Water Quality: Use SOFT WATER for best performance! Very hard water (over 12 grains) is not recommended.

Solution Temperatures: Cleaning will improve if applied with warm (100°F) water. Warm water is especially recommended in colder weather.

Dwell time: Allow a minimum of 30 seconds prior to following application of alkaline solution. Decrease dwell time in extreme hot conditions to avoid evaporation of the solution on the surface of the vehicles.

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

Special Instructions

Titration Chart: Use the chart below with “Acidic Titration Test Kit” T-200A to determine dilution ratio. Determine the alkaline water-blank to be added to the titration prior to comparing to the following chart.

Titration Chart For Ultraflex[®] Low pH Presoak 205	Dilution	Drops
This chart uses "Acidic Titrant" and alkaline water blank must be titrated to be added to your drops before comparing to this chart. Sample size = 1 tube	1:150	17
	1:170	15
	1:190	14
	1:200	13
	1:230	12
	1:250	11
	1:300	10
	1:330	9
	1:380	8

Normal clear PVC vinyl draw tubing (P20010002-100) should be used from the mixer to the point of dilution.

USE VITON FOOT-VALVES & VITON SEALS ON METERING DEVICES.

Viscosity – temperature relation

Because viscosity does not changing significantly with temperature, NO ADJUSTMENT of metering tips or pump setting is required to keep similar flow of product through metering devices.

Temperature, °F	Viscosity, cp
40	28
50	24
60	21
70	18
80	16
90	14
100	13
110	12