



Product Application & Results

1997 American Blvd. • P.O. Box 5606 • De Pere, WI 54115-5606 • 920-337-2175 • Fax: 920-337-9410

PRODUCT:

Ultra Presoak 222

Stock # UF222

Description:

Ultra concentrated high foaming liquid alkaline Presoak for all types of car washes. Contains a highly effective surfactant and citrus solvent system for maximum cleaning and economics. Product optimized for quick penetration and medium foam. Perfect for Touchless Automatics, Presoak Arches and Prep Guns in Tunnel Applications, and Presoak and High Pressure Soap in self-serve car washes.

Color: Brown

Scent: Mild Citrus

Foaming Ability: High

Features

Ultra Concentrated
Titratable
High Foaming
Surfactant based chemistry

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Benefits

Convenience and Value.
Quickly determine dilution ratio.
Delivers optimum coverage to the surface.
Safety and good cleaning effectiveness.

Application

Dilution Ratios

	<u>Strongest</u>	<u>Weakest</u>	<u>Average</u>	<u>ml per car / application</u>
Touchless In-Bay, Friction & Hybrid Systems	1:100	1:150	1:120	20-40
Self-Serve Presoak (4-7 mls per min), Prep Guns (3-6 mls per min), Hi Pressure Soap (7-25 mls per min),	1:150	1:200	1:180	

Required strength of product dilution will vary depending on cleaning conditions and type and condition of equipment used. Use Specific Gravity 1.09 in calculation of the usage.

Guidelines for Application

Solution

Temperatures:

Use SOFT WATER for best performance! Special additive allows use of hard water up to 10 grains of hardness. For higher hardness increase strength by 5% for each grain of water hardness.

Solution

Temperature:

Cleaning will improve if applied with warm (100°F) water. Warm water is especially recommended in colder weather. **Caution:** Extremely hot wheels can be damaged by ANY cleaning product. In summer encourage customers to cool wheels before cleaning.

Dwell time:

Allow a minimum of 30 seconds dwell time following low pressure applications.



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Economy:

Adjustments of water, air and product flow are often necessary to produce the desired cleaning.

Special Instructions

USE ACCEPTABLE/COMPATABLE TUBING AND MATERIALS IN FOOT-VALVES & SEALS ON METERING DEVICES.

O-rings	Brown Viton 0%, Neoprene -0.1%
Tubing	Watts RVGE clear PVC -0.4%, Tygon Fuel & Lubricant, F-4040-A -.01%, Nylon 11 +0.3%, HDPE +1%
Metals	316 Grade SS, Brass, 304 Grade SS, 303 Grade SS

USE OF RESTRICTED MATERIALS SHOULD BE LIMITED.

O-rings	Buna N -1.5%, EPDM -1.4%, Blue Fluorosilicone FVMQ -39%
Tubing	Tygon Chemical Resistant 2475 -3%, Polyurethane +2.2%

Titration Chart: Use the chart below with “Alkaline Titration Test Kit” T-100A to determine precise dilution ratio in all applications. Determine the water-blank to be subtracted from the titration prior to comparing to the following chart.

Titration Chart For Ultra Presoak 222 This chart uses "Alkaline Titrant" and water blank must be titrated to subtract from your drops before comparing to this chart. <u>Sample size = 1 tube</u>	Dilution	Drops
	1:50	52
	1:67	40
	1:83	33
	1:100	28
	1:125	23
	1:150	28
	1:172	18
	1:200	16

Viscosity – temperature relationship

Viscosity of this product changes with temperature as shown in the chart below (water viscosity at 72°F = 1 centipoises, cp). Only significant change in product temperature requires ADJUSTMENT of metering tips or pump setting to keep similar flow of product through metering devices.

Temperature, °F	Viscosity, cp
40	75
50	59
60	47
70	39
80	33
90	28
100	24
110	21